

Annai Hajira Women's College

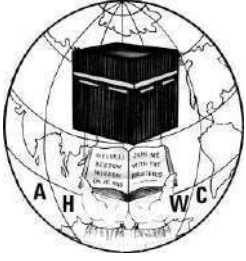
Melapalayam, Tirunelveli-05

(A Unit of As-Sathiq Educational Society)

(Affiliated to Manonmaniam Sundaranar University)

CIA QUESTION PAPERS

2019-2020



Annai Hajira Women's College

Melapalayam, Tirunelveli-05

(A Unit of As-Sathiq Educational Society)

(Affiliated to Manonmaniam Sundaranar University)

DEPARTMENT OF ENGLISH

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
II SEMESTER, II INTERNAL TEST- MARCH 2020
I BA - ENGLISH
INDIAN WRITING IN ENGLISH – II

Date: 05. 03. 2020
Subject Code: SMEN21

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. In "The Refugee", Ashok decides to join the ----- to fight the Pakistani Army in East Pakistan
(a) Mukti Mocha
(b) Mukti Fauj
(c) Mukti Sena
(d) Mukti Raj
2. Christ was unselfish, and yet he was -----
(a) praise
(b) put to death
(c) exult
(d) crucified

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Comment on the social conservation of the poet with respect to the poem "Freedom"

(OR)

- (b) Summarize the poem, The Mad in your own words.

4. (a) Sketch the character of Yassin in the one-act play "The Refugee"
(OR)
(b) Discuss the character of Sen Gupta as a political person.

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Explain the miserable condition of the refugees in the social life of India during 1971 through "The Refugee"
(OR)
(b) Discuss the philosophical enrichments in "Work and its Secrets" by Swami Vivekananda

G. Ponmullai
G. PONMULLAI

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II SEMESTER, II INTERNAL TEST- MARCH -2020

I BA - ENGLISH
AMERICAN LITERATURE

Date: 06. 03. 2020
Subject Code: SMEN22

Time: 1 hr
Marks: 20

PART-A

I. Choose the correct answer (2X 1=2Marks)

1. In "The Raven", the second stanza continues to describe the poem's setting and mood. In which month does the narrator recall the events of the poem which took place?

- (a) October
- (b) February
- (c) January
- (d) December

2. When was the speech "I have a Dream" delivered by Martin Luther King?

- (a) 1962
- (b) 1963
- (c) 1964
- (d) 1966

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Explain the theme of the story "The Regret".

(OR)

(b) Write brief notes on the essay "I have a Dream" by Martin Luther King.

4. (a) Sketch the character of Chris Keller in *All My Sons*.

(OR)

(b) Discuss the role of Kate Keller in *All My Sons*.

PART - C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Discuss the main themes highlighted in the novel *The Scarlet Letter* by Nathaniel Hawthorne .

(OR)

(b) What are the themes and symbols in the poem "The Raven". How do they relate to the overall flow or meaning of the poem?

Mrs. V. Jesinthal Mary

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II SEMESTER, II INTERNAL TEST- MARCH -2020

B.A – I YEAR

ENGLISH GRAMMAR & USAGE

Date: 07. 03. 2020

Subject Code: SMEN23

Time: 1 hr

Marks: 20

PART – A

Choose the correct answer

2 x 1 = 2

- 'Today is my birthday' is _____ sentence.
(a) Declarative (b) Interrogative
(c) Imperative (d) Exclamatory
- We _____ going to the zoo tomorrow.
(a) Were (b) are
(c) is (d) have

PART – B

Answer all the questions choosing either (a) or (b)

2 x 5 = 10

- (a) Define sentence? Explain the different types of sentences.
(OR)

(b) Change as directed:

- How noble he is! (Change into assertive)
- Asoka is one of the greatest kings. (Change into positive)
- It is no good to get upset. (Replace using gerund)
- My brother is planning _____ (bring) me an iPod. (Use the infinitive form)
- The trip is very expensive, _____? (Use suitable question tag)

- (a) Fill in with correct form of the verb given in bracket:
(i) You are late. The bus _____ (leave) already.
(ii) Do not leave before I _____ (tell) you to go.
(iii) I _____ (watch) him for two days.
(iv) At the moment you _____ (do) an English exercise.
(v) I promise you I _____ (call) you as soon as I have any news.
(OR)

(b) Change into indirect speech:

- She said to me, "Please wait here till I return."
- "What do you want?" she said to him
- "Do you come from China?" said the prince to the girl.
- Mani said to Peter, "I would like to go away."
- They said to us, "Hurrah! We have defeated your team."

PART – C

Answer the following choosing either (a) or (b)

1 x 8 = 8

- (a) Attempt an essay on the use of various kinds of Adverbs.
(OR)
(b) Explain the different types of Adjectives with examples.


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II SEMESTER, II INTERNAL TEST- MARCH-2020

I BA - ENGLISH
LITERARY FORMS

Date: 09. 03. 2020
Subject Code: SAEN21

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer

(2 x 1 = 2 Marks)

1. Bacon's essays are considered _____ essays.

- (a) Epistolary
- (b) Aphoristic
- (c) Critical
- (d) Periodical

2. _____ is a story of plot.

- (a) Dr. Jekyll and Mr. Hyde
- (b) The Merry Men
- (c) The Bottle Imp
- (d) None of these

PART - B

II. Answer all the questions choosing either (a) or (b) (2 x 5 = 10 marks)

3. (a) Write a short note on the subject matter of the lyric.

(OR)

(b) Explain the features of the ode.

4. (a) Write a short note on the structure of a novel.

(OR)

(b) Write a short note on the contributions made by women novelists in the growth of novel.


PART - C

III. Answer all the questions choosing either (a) or (b) (1 x 8 = 8 Marks)

5. (a) Discuss the origin, growth and structure of a lyric.

(OR)

(b) Explain the growth and development of the essay as a literary form.




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IV SEMESTER, II INTERNAL TEST- MARCH-2020
II BA – ENGLISH
British Drama

Date: 06.03.2020
Subject Code: SMEN42

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1.is the Servant of Charles in *The School for Scandal*.

- (a) Snake
- (b) Rowley
- (c) Trip
- (d) Mr.Stanley

2. Who is Sir Charles Marlowe in *She Stoops to Conquer*?

- (a) Father of Charles Marlowe
- (b) Old man
- (c) Doctor
- (d) None

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Write brief notes on the scandal mongers with reference to the play *The School for Scandal*.

(OR)

(b) Sketch the character of Sir Peter Teazle.

4. (a) Give brief notes on the screen-scene of the play *The School for Scandal*.

(OR)

(b) Sketch the Character of Mr.Hardcastle .

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Discuss *The School for Scandal* as an anti-sentimental comedy.

(OR)

(b) "Oliver Goldsmith's *She Stoops to Conquer* is a satire on English Sentimental Dramas"-Elucidate.

Mrs.V.Jesinthala Mary

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IV SEMESTER, II INTERNAL TEST- MARCH 2020

II BA - ENGLISH
ECO-ENGLISH

Date: 09. 03. 2020
Subject Code: SSEN4A

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct synonym for the following (2x1=2Marks)

1. Write the American equivalent for the following British word:

- a) Holiday b) Sidewalk

2. Fill in the blank with appropriate word and complete the proverb

- a) Spare the rod and spoil the _____

PART - B

II. Answer all the questions choosing either (a) or (b) (2x5=10 marks)

3. (a) Match the words from column A with their meanings from column B

- | | |
|-------------|---|
| 1) Sink | - to continue to exist |
| 2) Emission | - to go down below the surface of water |
| 3) Survive | - a person between the age 13-19 |
| 4) Prevent | - the act of saying goodbye |
| 5) Teen | - the process of sending out light, heat or gas |
| 6) Farewell | - to stop something from happening |
| 7) Submerge | - to live |
| 8) Exist | - relate to the north or South Pole |
| 9) Gain | - to go under the surface of water |
| 10) Polar | - to get something that you want |

(OR)

(b) Find the dates:

- 1) World Environment Day _____
2) World Water Day _____

- 3) World Ozone Day _____
4) Earth Day _____
5) World planting Day _____

4. (a) Look at the following expression and make a sentence:

- i) Weight and wait ii) Fill and Feel
iii) Bear and bare iv) late and let

(OR)

(b) Say the comparative and superlative forms of the following:

- i) Famous ii) Calm iii) Fat iv) ice

PART - C


III. Answer all the questions choosing either (a) or (b) (1x8=8 Marks)

5. (a) Imagine that you got the opportunity to talk to the earth. The earth is very sad about whatever is happening to her. How will you console her? Write a dialogue between you and the earth about whatever happened.

(OR)

(b) Imagine that you are in a zoo and you are talking about these animals with your friends. Build a conversation using the following words.

Funny, interesting, nice, scary, popular, exciting.


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IV SEMESTER, II INTERNAL TEST- MARCH -2020
II BA - ENGLISH
HISTORY OF ENGLISH LITERATURE-II

Date: 05.03.2020

Time: 1 hr

Subject Code: SMEN 41

Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

1. Theperiod refers to literature written after World War –II .

- (a) Modern
- (b) Victorian
- (c) Jacobean
- (d) Post modern

2. When did Queen Victoria ascend the throne?

- (a) 1832
- (b) 1819
- (c) 1850
- (d) 1822

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Narrate the general characteristics of the verse of Johnson with regard to the differentiation from that of Classical poetry.

(OR)

(b) Write short notes on the 20th Century Literature and after Literature.

4. (a) Give brief notes on the chief trends in the Victorian novel .

(OR)

(b) Write short notes on Alfred Lord Tennyson.

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) What are the various Social and economic factors which make the reign of Queen Victoria ,the golden age of English Literature ?

(OR)

(b) Illustrate the Continuance of *Augustan Tradition* in Verse.

G. Ponnulalai

G.Pon Mullai

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IV SEMESTER, II INTERNAL TEST- MARCH -2020
II BA - ENGLISH
CHICANO LITERATURE

Date: 07. 03. 2020
Subject Code: SAEN31

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. "Like a pair of thick socks the cold cannot bite through".
What type of figurative language is used in the line?
(a) Simile
(b) Allusion
(c) Metaphor
(d) Repetition
2. What kind of farm did the author's father first get work on?
(a) Apple
(b) Strawberry
(c) Corn
(d) Wheat

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) How does the narrator use different figures of speech in the poem
The Concrete River.
(OR)
(b) Analyze the theme of survival in the poem, *I am Offering this Poem*.


4. (a) Briefly discuss the symbols in the play, *Zoot, Suit*.
(OR)
(b) Discuss the staging techniques employed in the play *Zoot, Suit*.

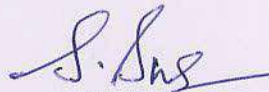
PART – C

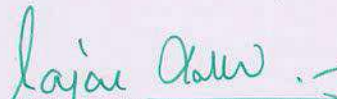
(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Analyze the theme of the short story *Christmas Gift*.
(OR)
(b) Summarize the problems faced by the narrator and his family in the story *The Circuit*.


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VI SEMESTER, II INTERNAL TEST- MARCH-2020

III BA - ENGLISH
SHAKESPEARE

Date: 03. 03. 2020
Subject Code: SMEN61

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

- Who is Orlando?
(a) Son of Frederick
(b) Son of banished Duke
(c) Son of Rowland de boys
(d) Son of Adam
- Who accompanied with Rosalind and Celia to the Forest of Arden?
(a) Cronin.
(b) Le Beau
(c) Adam.
(d) Touchstone.

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)


- (a) How did Shakespeare portray the character of Rosalind?
(OR)
(b) "And One man in his time plays many parts, His acts being seven stages" Discuss in detail.
- (a) Give the critical appreciation of the Shakespearean "Sonnet 29"
(OR)
(b) How does Orlando saves Oliver's life?


PART - C


(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

- (a) Discuss "As You Like it" as an example of Pastoral literature.
(OR)
(b) Explain the role of supernatural Elements in Shakespearean plays.


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VI SEMESTER, II INTERNAL TEST - MARCH - 2020
III BA - ENGLISH

SOUTH ASIAN LITERATURE IN ENGLISH

Date: 04 .03. 2020

Time: 1 hr

Subject Code: SMEN62

Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. The speaker of the poem *Minority* is sensitive to the dissonance of her _____ presence.

- (a) accepted
- (b) recognized
- (c) marginalized
- (d) harmonious

2. Martand is symbolic of the _____ Gods.

- (a) love
- (b) fertility
- (c) war
- (d) domestic

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Comment on the significance of the title *Minority*.

(OR)

(b) Why does the poet of *Minority* take to writing?

4. (a) Analyze the notion of immigration as presented in the poem, *So What if I live in a House made by Idiots*.

(OR)

(b) Analyze how the author presents a gendered reading of the history of partition in *Martand*.

PART - C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) *Silent Noise* challenges the accepted notions of a home as a safe haven for humans through the story of the rains. Discuss.

(OR)

(b) Analyze the satire in the story *The Assault*.

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VI SEMESTER, II INTERNAL TEST- MARCH -2020
III BA – ENGLISH

Short Stories and One Act Plays

Date: 05.03. 2020

Time: 1 hr

Subject Code: SMEN63

Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. Lucia suffered from _____

- (a) jaundice
- (b) tuberculosis
- (c) pneumonia
- (d) typhoid

2. Kamuli is mourning the death of _____

- (a) Kalekezi
- (b) Kazungu
- (c) Muscian
- (d) Isabel

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Describe the life of the boys before the war in the short story,
Two Gentlemen of Verona

(OR)

(b) Attempt an essay on the themes of the short story The Selfish
Giant

4. (a) Sketch the character of Mrs. Pearson

(OR)

(b) Compare and contrast Kazekezi and Kazungu

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) What kind of upbringing did Vasili receive? How did it differ from
the life he chose later?

(OR)

(b) How do we know that the attitude of Mrs. Pearson's family has
changed at the end of the play?

G. Ponmullai

G. PONMULLAI
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VI SEMESTER, II INTERNAL TEST- MARCH -2020
III BA - ENGLISH
REGIONAL LITERATURE IN TRANSLATION


PART - C

III. Answer all the questions choosing either (a) or (b) (1 x 8= 8 Marks)

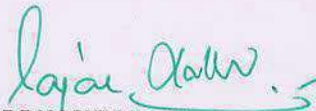
5. (a) Attempt an essay on Sundara Ramaswamy's "Tamarind History", show the thoughts of human beings in relation to nature.

(OR)

(b) Discuss Sundara Ramaswamy as an Eco-critic.


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Date: 06. 03. 2020
Subject Code: SMEN64

Time: 1 hr
Marks: 20

Part-A

(2 x 1=2Marks)

I. Choose the correct answer

1. _____ is the substance and soul of life.

- (a) Love
- (b) Learning
- (c) Truth
- (d) Honesty

2. Learned men want to _____.

- (a) earn more
- (b) learn more
- (c) be sincere
- (d) be polite

PART - B

II. Answer all the questions choosing either (a) or (b) (2 x 5 =10 marks)

3. (a) What are the views of Thiruvalluvar on timely help?

(OR)

(b) Explain: Love is the very root of life.

4. (a) How does Damodara Asan stand as a man who presents eco-centrism?

(OR)

(b) Explain the fight between Damu and Khader and what happens in the end?

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
VI SEMESTER, II INTERNAL TEST- MARCH -2020
III BA - ENGLISH
AFRICAN LITERATURE

Date: 07.03.2020
Subject Code: SEEN6A

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. The background of the poem "The Casualties" is theand the sequent three-year civil war in Nigeria of 1967-1970.

- (a) Sports
- (b) Civil Crisis
- (c) Prayer
- (d) Business

2. Our Kinsmen are acenturies old.

- (a) ten
- (b) Hundred
- (c) thousand
- (d) Million

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a)How does Clark attack the futility of War ?

(OR)

(b)Sketch the character of Carmen.

4. (a) Give a brief character sketch of Lakunle.

(OR)

(b)What do you understand from the poem "A Note to All Surviving Africans"?

PART - C

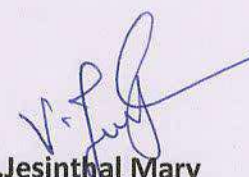
(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Summarise the story with special emphasis to the mental state of Carmen in getting advance from her employer.

(OR)

(b) Discuss the major themes highlighted in the novel *Arrow of God* by Chinua Achebe.


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VI SEMESTER, II INTERNAL TEST- MARCH -2020

B.A – III YEAR
WRITING FOR MEDIA

Date: 11. 03. 2020
Subject Code: SEEN6B

Time: 1 hr
Marks: 20

PART – A

Choose the correct answer

(2 x 1 = 2 marks)

1. Drama is like real life with the dull bits cut out is said by -----

- (a) Agatha Christie
- (b) Harold Robins
- (c) Alfred Hitchcock
- (d) Angus Wilson

2. The purpose of copy writing is -----

- (a) to create history
- (b) to win awards
- (c) to sell
- (d) to imitate other works

PART – B

Answer all the questions choosing either (a) or (b) (2 x 5 = 10 marks)

3. (a) What is an advertisement? What is the need to advertise?

(OR)

(b) Explain the different types of interviews.

4. (a) Discuss the four components of bestsellers.

(OR)

(b) Elucidate the eight qualities for a saleable book presented by Max Gunther.

PART – C

Answer the following choosing either (a) or (b)

(1 x 8 = 8 marks)

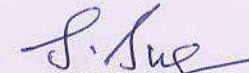
5. (a) What are the salient features of advertisement writing?

(OR)

(b) In what ways does the craftsmanship help in writing novels?


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IV SEMESTER, II INTERNAL TEST- MARCH -2020
II B.A English

HTML

Date: 10.03.2020

Subject Code: SNCS4A

Time: 1 hr

Marks: 20

(2X 1=2Marks)

PART- A

I. Choose the correct answer

1. Every list item has a bullet, used as

a) Disc b) circle c) square d) all of these

2. _____ are used of displaying information in a concise and precise form.

a) Lists b) Tables c) Cells d) None of these

PART - B

(2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a). Explain about Type Attribute.

(OR)

(b). Explain the Table creation in HTML.

4. (a). Explain Unordered Lists in HTML.

(OR)

(b). Explain about Cells spanning with Multiple Rows/Columns.

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PART-C

(1x8=8)

III. ANSWER THE FOLLOWING

5. (a). Explain detail about Lists and its types with example program.

(OR)

(b). Explain the detail about Table and its Alignment, Width of the table and Cells.

P. S. Siva
17/2/2020
HOD

Lajal Akh
Principal
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ANNAI HAJIRA WOMEN'S COLLEGE
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ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
II SEMESTER, I INTERNAL TEST- JANUARY -2020

I BA - ENGLISH
INDIAN WRITING IN ENGLISH - II

Date: 22. 01. 2020

Time: 1 hr

Subject Code: SMEN21

Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

1. ----- is the daughter of the Director in *The Town by the Sea*.

- (a) Vineeta
- (b) Radha
- (c) Shilpa
- (d) Rekha

2. Suleekha was called ----- since her childhood.

- (a) Bholi
- (b) Champa
- (c) Mangla
- (d) Radha

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Comment on the affinity between the grandmother and the birds?

(OR)

(b) Explain the universal appeal of the poem *Old Man's Death*.

4. (a) Write an account of Bholi's experience at school?

(OR)

(b) Comment on the character of Kali in *The Cleft*.

PART - C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) "The forces of nature prove that they are stronger than any human effort" – Discuss the statement in the light of the essay 'The Town by the Sea'

(OR)

(b) Comment on the caste issues and prejudices in the Indian society as exemplified in the short story *The Cleft*.

G. Ponmullai
6/1/2020
G. PONMULLAI

QPS

S. Sas
6/1/2020
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II SEMESTER, I INTERNAL TEST- JANUARY -2020

I BA - ENGLISH

AMERICAN LITERATURE

PART - C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) What is the plot summary of "The Last Leaf"?

(OR)

(b) Write a Critical Appreciation of "The Philosophy of Composition".
by Edgar Allan Poe.

V. Jesinthal Mary
Mrs. V. Jesinthal Mary
QPS

S. S. S.
S. S. S.
HOD
6/1/2020

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II SEMESTER, I INTERNAL TEST- JANUARY -2020

I BA - ENGLISH

AMERICAN LITERATURE

Date: 23 . 01. 2020

Time: 1 hr

Subject Code: SMEN22

Marks: 20

PART-A

I. Choose the correct answer (2X 1=2Marks)

1. According to Poe the tone of the poem should be of -----

- (a) Happiness
- (b) Sadness
- (c) Agnostic
- (d) Elevating nature

2. Who saves Johnsy's life?

- (a) The doctor
- (b) Sue
- (c) The boyfriend
- (d) Mr. Behrman

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Comment on the main theme of the play *All My Sons*.

(OR)

(b) Write a Critical Appreciation of the essay "The Philosophy of Composition" by Edgar Allan Poe.

4. (a) Write brief notes on the tragedy which took place in the play *All My Sons*.

(OR)

(b) Enumerate the twist at the end of the story "The Night the Ghost got in" by James Thurber.

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
II SEMESTER, I INTERNAL TEST- JANUARY -2020

I B.A English
ENGLISH GRAMMAR & USAGE

Date: 24 .01. 2020

Time: 1 hr

Subject Code: SMEN23

Marks: 20

PART – A

I Choose the correct answer

(2 x 1 = 2)

1. The Titanic was a great ship but ----- sank on her first voyage.
(a) he
(b) she
(c) it
(d) they
2. The boys were late so the teacher scolded -----
(a) him
(b) himself
(c) them
(d) themselves

PART – B

II Answer all the questions choosing either (a) or (b)

(2 x 5 = 10)

3. (a) Explain Noun and its kinds with examples.
(OR)
(b) Fill up the blanks using suitable adjectives given in bracket:
(i) We had -----biscuits. (some, many)
(ii) I have ----- interest in music. (little, less)
(iii) I do not have ----- friends. (some, many)
(iv) He has -----money than I thought. (little, less)
(v) I have a son and a daughter: the former is a teacher; the -----
is a nurse. (later, latter)

4. (a) Define and explain main verbs and auxiliary verbs.
(OR)

(b) Change into passive voice:

- (i) The Manager granted permission.
- (ii) You can buy a pen.
- (iii) Kill the snake.
- (iv) They forgive his mistakes.
- (v) They have broken a riot among the audience.

PART – C

III Answer the following choosing either (a) or (b) (1 x 8 = 8)

5. (a) Define tense and explain its kinds with examples.

(OR)

(b) Explain the different types of pronouns with examples.

M. TajBeevi Thangamma

QPS

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Lajja Chakraborty
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II SEMESTER, I INTERNAL TEST- JANUARY-2020

I BA - ENGLISH
LITERARY FORMS

Date: 25. 01. 2020
Subject Code: SAEN21

Time: 1 hr
Marks: 20

Part-A

- I. Choose the correct answer (2 X 1=2Marks)
1. ----- composed his finest poetry in the form of a dramatic monologue.
- (a) Matthew Arnold
(b) Robert Browning
(c) Alfred Tennyson
(d) William Wordsworth

2. ----- is the earliest example of an autobiography in Europe.
- (a) St Augustine's Confessions
(b) Rousseau's Confessions
(c) Sir Osbert Sitwell's Left Hand, Right Hand
(d) Samuel Pepy's Diaries

PART - B (2 X 5 =10 marks)

- II. Answer all the questions choosing either (a) or (b)
3. (a) What is meant by 'pure' and 'impure' biography?
- (OR)
- (b) What are the difficulties of the Autobiographer?


4. (a) Explain the types of tragedies and comedies in dramatic form.
- (OR)
- (b) Trace the origin and development of Dramatic Monologue as a literary form


PART - C

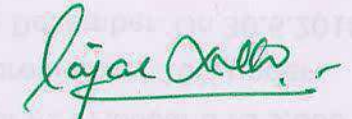
(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Discuss biography as a literary form.
- (OR)
- (b) Attempt an essay on the subjective and objective form of Autobiography with examples.


Dr. S. SUBBAMMAL @ KALA
QPS


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IV SEMESTER, I INTERNAL TEST-JANUARY 2020
II BA – ENGLISH

HISTORY OF ENGLISH LITERATURE-II

Date: 22. 01. 2020

Time: 1 hr

Subject Code: SMEN41

Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

1. When was the "Lyrical Ballads" published?

- (a) 1798
- (b) 1768
- (c) 1789
- (d) 1790

2. The Age of Johnson is otherwise called as -----

- (a) The Age of Sensibility
- (b) The Neo-Classical Age
- (c) Puritan Age
- (d) Victorian Age

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Write short notes on the important characteristics of Romantic Age.

(OR)

(b) Attempt a paragraph on the Characteristics of the Age of Sensibility.

4. (a) Write a brief note on the novels of the Age of Johnson.

(OR)

(b) "The Drama of the Age of Johnson"- Elucidate.

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Write an essay on the development of prose in the Age of Johnson.

(OR)

(b) Write an essay on The Age of Wordsworth.

G. Ponnammali
QPS 6/1/2020

S. Sagar
HOD 6/1/2020

Lajalath

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IV SEMESTER, I INTERNAL TEST- JANUARY-2020

II BA – ENGLISH

British Drama

Date: 23.01.2020

Time: 1 hr

Subject Code: SMEN42

Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

1. Who did tempt Faustus mostly?

- (a) Old man
- (b) Faustus, himself
- (c) Mephistophilis
- (d) Wagner

2. Who does Lady Sneerwell love in the play "School for Scandal"?

- (a) Sir Peter
- (b) Charles
- (c) Snake
- (d) Joseph

PART – B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Discuss the character of Mephistophilis in "Dr. Faustus".

(OR)

(b) Write a short note on the opening scene in "Dr. Faustus".

4. (a) Illustrate how Sheridan uses satire as a tool to criticize upper class hypocrisy.

(OR)

(b) Explain how far the character Sir Oliver Surface is important in "School for Scandal".

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Discuss how Marlow conceptualizes "sin" through the character Faustus.

(OR)

(b) "School for Scandal" represents the contemporary society of Sheridan - Discuss.

D. Jones Sudha Vijai
D. JONES SUDHA VIJAI
QPS

S. Sng
HOD 6/1/2020

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IV SEMESTER, I INTERNAL TEST- JANUARY -2020
II BA - ENGLISH
CHICANO LITERATURE

Date: 24 .01. 2020
Subject Code: SAEN41

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. Luis Alberto uses the notes gathered on his travels with the missionaries from -----
(a) 1978 to 1982
(b) 1968 to 1982
(c) 1978 to 1992
(d) 1968 to 1992
2. The cloud was a bowl of -----in heavy cream.
(a) Blueberries
(b) strawberries
(c) ground nut
(d) cashew nut

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) What effect do the effect of images have on the overall mood of the poem *Cloud*?

(OR)

- (b) How are different objects interconnected in the poem *Cloud*?

4. (a) Explain the importance of El Pachuco in the play *Zoot Suit*.
(OR)

- (b) Sketch the character of Henry Reyna.

PART - C (1 x 8= 8 Marks)


III. Answer all the questions choosing either (a) or (b)


5. (a) Discuss the characteristics of a preface with respect to the prescribed piece.

(OR)

- (b) Summarize the preface to *Across the Wire*.


R. VALARMATHI
QPS


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IV SEMESTER, I INTERNAL TEST- JANUARY 2020

II BA – ENGLISH

ECO-ENGLISH

Date: 25. 01. 2020

Subject Code: SSEN4A

Time: 1 hr

Marks: 20

Part-A

I. Choose the correct synonym for the following (2X 1=2Marks)

1. Emaciated -----
(a) Exercising to reduce weight
(b) Body building
(c) Thin and weak
(d) none

2. Cataclysm-----
(a) a sudden & violent change
(b) a kind of disease
(c) Blurred and not clear
(d) None

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Find the -ing word with the help of the clue given:
1) Jump suddenly from the ground: _____ (V)
2) The top inner surface of a room: _____ (N)
3) A male ruler of a country: _____ (N)
4) The time after sunrise: _____ (N)
5) A tight covering of a foot and leg (often a pair of): _____ (N)

(OR)

(b) Fill in the blanks with missing letters:

- 1) R_si__a__e.
2) Pr__he_y.
3) B_n_f__t_rs
4) De_er__ne
5) Pl_n__Y.

4. (a) Make a list of 10 things that are commonly found in your village/Town/City.

(OR)

(b) Give the antonyms of the following:

- 1) Appear 2) Regular 3) Fair 4) Complete 5) Organic

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Write a humorous dialogue between God and a Politician about their views on "corruption and black Money".

(OR)

(b) Find a word:

- 1) A short story that features animals and teaches a moral is a -----
2) A story that features human beings and teaches a moral is a -----
3) A story about great people who actually never lived is a -----
4) A written story that ridicules something that really happened is a -----
5) A written description about the life of a person written by someone else is -----
6) A work of literature written long ago which is considered very good is a -----
7) A written or broadcast story appearing at fixed intervals is a -----
8) A story in a written form too short to be novel or novelette is a -----

A. Subashini
5/01/2020
A. SUBASHINI
QPS

J. Sag
HOD 01/1/2020

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Jaijai Kallo..
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IV SEMESTER, I INTERNAL TEST- JANUARY -2020
II B.A – ENGLISH
HTML

Date: 27.01.2020
Subject Code: SNCS4A

Time: 1 hr
Marks: 20

PART- A (2X 1=2Marks)

I. Choose the correct answer

1. Every HTML document has _____ Sections

a) 3 b) 2 c) 4 d) 5

2. _____ tag is used for Italic face.

a) b) <p> </p> c)
 </br> d) <i> </i>

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a). Explain about the tags in head section.

(OR)

(b). Explain the Generation and Documents in HTML.

4. (a). Explain Links in HTML.

(OR)

(b). Explain about any two Header Section in HTML.

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QPS

PART-C

(1x8=8)

III. ANSWER THE FOLLOWING

5. (a). Explain detail about Anchor Tag with example program.

(OR)

(b). Explain the detail about Colorful Web page.

P. S. Jeyaraj
30/1/2020
HOD

Jayaraj Oath
Principal 23/01/2020
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MELAPALAYAM.

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
VI SEMESTER, I INTERNAL TEST- JANUARY-2020
III BA - ENGLISH
SHAKESPEARE

Date: 20. 01. 2020
Subject Code: SMEN61

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. Desdemona's handkerchief was picked up by _____.

- (a) Bianca
- (b) Emilia
- (c) Cassio
- (d) Iago

2. Shakespearean sonnet was divided into _____ quatrains.

- (a) Two.
- (b) Three
- (c) Four.
- (d) Five.

PART - B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Sketch the character of Othello.

(OR)

(b) Explain the theme of the "Sonnet 18" by William Shakespeare.

4. (a) "Othello" is a Domestic Tragedy - Justify

(OR)

(b) Write a short note on the life and works of William Shakespeare.

PART - C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Evaluate the character of Desdemona in Shakespeare's "Othello".

(OR)

(b) Briefly comment on Elizabethan stage and audience.

A. Subashini
6/1/2020
A. SUBASHINI
QPS

S. S. S.
HOD 6/1/2020

Lajal Adnan
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VI SEMESTER, I INTERNAL TEST - JANUARY - 2020
III BA - ENGLISH
SOUTH ASIAN LITERATURE IN ENGLISH

Date: 21.01.2020

Time: 1 hr

Subject Code: SMEN62

Marks: 20

Part-A

I. Choose the correct answer

(2X 1=2Marks)

1. What is the 'imperial theme' referred to in This Language This Woman?

- (a) The native critics
- (b) The Nationalist ideals
- (c) The English Language
- (d) British pride and authority

2. The young man and the woman in *The Sins of the mother* belongs to the ----- community.

- (a) William Wordsworth
- (b) Dr. Johnson
- (c) T. S. Eliot
- (d) Matthew Arnold

PART - B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Explain how the poem *This Language, This Woman* re-evaluates accepted notions of native and foreign languages.

(OR)

(b) Analyze the character of Ratna in *The Remains of the Feast*.

4. (a) Comment on the title of the play, *Mother of 1084*.

(OR)

(b) Sketch the character of Sujatha.

PART - C

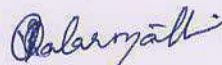
(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

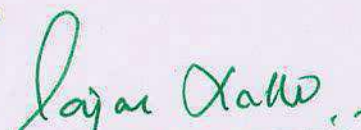
5. (a) Discuss the themes of the short story *The Sins of the Mother*.

(OR)

(b) Explain the concept of 'honour' as presented in the story, *The Sins of the Mother*.


R. VALARMATHI
QPS


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VI SEMESTER, I INTERNAL TEST- JANUARY -2020
III BA – ENGLISH

Short Stories and One Act Plays

Date: 22 .01. 2020

Time: 1 hr

Subject Code: SMEN63

Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. Aksionov's wife dreamt that _____.

- (a) Aksionov's hair turned grey
- (b) Aksionov drowned in a pond
- (c) Aksionov married another woman
- (d) Aksionov married another man

2. The Doll's house is a gift from _____

- (a) Jessie May
- (b) Mrs. Beryl
- (c) Mrs. Hay
- (d) Isabel

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Discuss uncle Podger's attempts and the problems he faces while hanging the picture on the wall

(OR)

(b) Attempt an essay on the themes of the short story "God Knows the Truth, But Waits".

4. (a) How does the errors of Santa Claus make the recipients of the gifts perfectly happy?

(OR)

(b) Narrate the arrival of Doll's House in the Burnell's family.

PART – C

(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) "The weak can never forgive. Forgiveness is the attribute of the strong" – Gandhi. Enumerate this statement with reference to 'God sees the Truth but Waits'.

(OR)

(b) How does Catherine Mansfield bring out the indifferent attitude of the rich against the poor in her short story, 'The Doll's House'?

G. Ponmullai
G. PONMULLAI
QPS

S. Sag
HOD 6/1/2020

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VI SEMESTER, I INTERNAL TEST- JANUARY -2020
III BA - ENGLISH
REGIONAL LITERATURE IN TRANSLATION

Date: 23. 01. 2020
Subject Code: SMEN64

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. In the play *Naga-Mandala*, the story became _____.

- (a) a young woman
- (b) a old woman
- (c) a flame
- (d) a wick

2. Rani wants for her son to perform _____.

- (a) the burial of the cobra
- (b) the killing of the cobra
- (c) the cremation of the cobra
- (d) puja

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Why does the author decide to visit Venkata's home?

(OR)

(b) How does Basheer hear a woman's voice in the story *Walls*.

4. (a) Why does Chidambaram come to the railway station?

(OR)

(b) What does Chandra enjoy in the story "Gifts" by C.S.Lakshmi?

PART - C

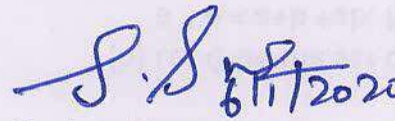
(1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Examine the significance of the title *Naga-Mandala* chosen by Girish Karnad for his play.

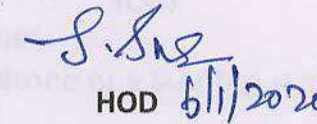
(OR)

(b) Attempt an essay on the dramatic techniques in *Naga-Mandala*.


6/1/2020

Dr. S. SUBBAMMAL @KALA

QPS


6/1/2020

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No. of copies: 45

Date: 25 . 01. 2020

Time: 1 hr

Subject Code:

Marks: 20

PART-A

I. Choose the correct answer (2X 1=2Marks)

1. Who is the Lion mentioned in *The Lion and the Jewel*?

- (a) Sadiku
- (b) Baroka
- (c) Lakhunle
- (d) Sidi

2. Wole Soyinka's Poem "*Telephone Conversation*" highlights the theme of -----

- (a) Racial crimination
- (b) Suppression
- (c) Slavery
- (d) Hegemony

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Comment on the main theme of the poem "*Telephone Conversation*" by Wole Soyinka.

(OR)

(b) Sketch the character of Sidi.

4. (a) Why does Carmen lose all her children ?

(OR)

(b) Why are we told that the women talk "on the age-old patios to which they were all confined" in the story "My Father Writes To My Mother" by Assia Djebar.


III. Answer all the questions choosing either (a) or (b)

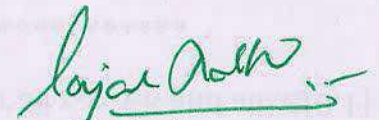
5. (a) *The Lion and the Jewel* is based on traditional values-Explain
(OR)

(b) Discuss the major themes of *The Lion and the Jewel* by Wole Soyinka.


Mrs.V.Jesinthal Mary

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HOD 6/1/2020



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VI SEMESTER, I INTERNAL TEST- JANUARY -2020
III BA - ENGLISH
WRITING FOR MEDIA

Date: 28. 01. 2020
Subject Code: SEEN6B

Time: 1 hr
Marks: 20

Part-A

I. Choose the correct answer (2X 1=2Marks)

1. "Fear is the only thing to be feared", who said this?

- (a) Kennedy
- (b) Lincoln
- (c) Roosevelt
- (d) None of these

2. "The success or failure of a play depends largely on its -----"?

- (a) story
- (b) plot
- (c) music
- (d) dialogue

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Illustrate briefly how word power makes one a writer.

(OR)

(b) Write about the reporter's role in print media.

4. (a) How is dialogue essential in a play?

(OR)

(b) Explain briefly about director's script.

PART – C (1 x 8= 8 Marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Write elaborately about the news determinants in print journalism.

(OR)

(b) Bring out the structural link between characterisation and plot in a play.

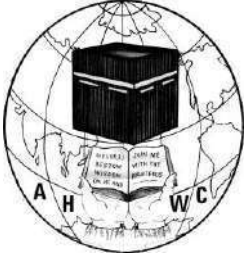
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DEPARTMENT OF MATHEMATICS

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
 II SEMESTER, I INTERNAL TEST – JANUARY 2020
 I B.Sc - MATHEMATICS
 ANALYTICAL GEOMETRY OF 3 DIMENSIONS

Duration: 1 Hr.

Subject Code: SMMA21

Marks: 20

Date: 22-01-2020

PART – A (2 X 1=2 marks)

Choose the correct answer

The direction cosines of the line joining the points (3,-5,4) and (1,-8,-2) are -----

a) (2,3,6)

b) $(\frac{2}{49}, \frac{3}{49}, \frac{6}{49})$

c) $(\frac{7}{2}, \frac{7}{3}, \frac{7}{6})$

d) $(\frac{2}{7}, \frac{3}{7}, \frac{6}{7})$

The direction cosines of the external bisector of the angle between the lines whose direction cosines are (l_1, m_1, n_1) and (l_2, m_2, n_2) are proportional to -----

a) $l_1 - l_2, m_1 - m_2, n_1 - n_2$

b) $l_1 + l_2, m_1 + m_2, n_1 + n_2$

c) $l_1 l_2, m_1 m_2, n_1 n_2$

d) $\frac{l_1}{l_2}, \frac{m_1}{m_2}, \frac{n_1}{n_2}$

PART – B

(2 X 5 =10 marks)

II. Answer the following.

3.(a) If the direction cosines of a line are l, m, n show that $l^2 + m^2 + n^2 = 1$

(OR)

(b) Show that the points (2,3,5) (-1,5,-1) and (4,-3,2) form an isosceles right angled triangle

4. (a) Find the angle between the lines whose direction cosines are (l_1, m_1, n_1) and (l_2, m_2, n_2)

(OR)

(b) Find the angles between the lines joining the points (3,1,-2), (4,0,-4) and (4,-3,3) (6,-2,2)

PART – C

(1 X 8=8 marks)

III. Answer the following.

5. (a) The line joining A(5,2,4) and B(-4,3,5) meets the planes YOZ, XOY in C, D respectively. Find the coordinates of C and D the ratios in which they divide AB

(OR)

(b) Show that the straight lines whose direction cosines are given by $a l + b m + c n = 0$, $f m n + g n l + h l m = 0$ are perpendicular if $\frac{f}{a} + \frac{g}{b} + \frac{h}{c} = 0$ and parallel if $\sqrt{af} + \sqrt{bg} + \sqrt{ch} = 0$

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II SEMESTER, I INTERNAL TEST – JANUARY 2020

I B.Sc - MATHEMATICS
DIFFERENTIAL EQUATIONS

Duration: 1 Hr.
Marks: 20

Subject Code: SMMA22
Date: 23.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. The degree and order of the equation $x^2 p^2 + 3xyp + 2y^2 = 0$ are respectively -----

- (a) 2 and 1
- (b) 2 and 2
- (c) 1 and 1
- (d) 1 and 2

2. $(D^2 - 1)y = 2$ then the particular integral is -----

- (a) -2
- (b) 2
- (c) x
- (d) x^2

PART –B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Solve $(D^2 - 8D + 9)y = 8 \sin 5x$

(OR)

(b) Solve $(D^2 + 2D + 5)y = xe^x$

4. (a) Solve $x^3 \frac{d^3 y}{dx^3} + 3x^2 \frac{d^2 y}{dx^2} + x \frac{dy}{dx} + y = x + \log x$

(OR)

(b) Solve $x^2 \frac{d^2 y}{dx^2} + x \frac{dy}{dx} + 2y = x^2$

PART –C

(1 X 8=8 marks)

III. Answer the following.

5. (a) Solve $(D^2 + 1)y = x^2 e^{2x} + x \cos x$

(OR)

(b) $x^2 \frac{d^2 y}{dx^2} + 3x \frac{dy}{dx} + y = \frac{1}{(1-x)^2}$

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IV SEMESTER, I INTERNAL TEST – JANUARY 2020
II B.Sc - MATHEMATICS
ABSTRACT ALGEBRA-I

Duration: 1 Hr.
 Marks: 20

Subject Code: SMMA41
 Date: 23.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. If $\alpha = \begin{pmatrix} 1 & 2 & 3 \\ 3 & 2 & 1 \end{pmatrix}$ then $\alpha^{-1} =$

(a) $\begin{pmatrix} 1 & 2 & 3 \\ 3 & 1 & 2 \end{pmatrix}$

(b) $\begin{pmatrix} 1 & 2 & 3 \\ 2 & 3 & 1 \end{pmatrix}$

(c) $\begin{pmatrix} 1 & 2 & 3 \\ 1 & 2 & 3 \end{pmatrix}$

(d) $\begin{pmatrix} 1 & 2 & 3 \\ 3 & 2 & 1 \end{pmatrix}$

2. Which of the following is not a group

(a) $(\mathbb{Z}, +)$

(b) $(\mathbb{Q}, +)$

(c) (\mathbb{Q}, \cdot)

(d) $(\mathbb{R}, +)$

PART –B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Let G be the set of all real numbers of the form $\begin{pmatrix} x & x \\ x & x \end{pmatrix}$ where $x \in \mathbb{R}^*$
 Prove that then G is a group under matrix multiplication.

(OR)

(b) Let G be a group and $a, b \in G$. Then the equations $ax=b$ and $ya=b$ have unique solutions for x and y in G

4. (a) Prove that any permutation can be expressed as a product of disjoint cycles

(OR)

(b) Let G be a group in which $(ab)^m = a^m b^m$ for three consecutive integers and for all $a, b, c \in G$ then G is abelian

PART –C (1 X 8=8 marks)

III. Answer the following.

5. (a) The union of two subgroup of a group G is a subgroup iff one is contained in the other

(OR)

(b) Let G be the set of all real numbers except -1. Define * on G by $a * b = a + b + ab$. Prove that $(G, *)$ is a group.

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IV SEMESTER, I INTERNAL TEST – JANUARY 2020

II B.Sc - MATHEMATICS

TRIGONOMETRY, FOURIER SERIES AND LAPLACE TRANSFORMS

Duration: 1 Hr.

Subject Code: SSMA4A

Marks: 20

Date: 05.01.2020

PART – A (2 X 1=2 marks)

I. Choose the correct answer

1. $\cos 4\theta + 4 \cos 2\theta + 3 = \text{-----}$

- (a) $2^3 \cos^4 \theta$
- (b) $\cos 4\theta$
- (c) $2^4 \cos^4 \theta$
- (d) $2 \cos^4 \theta$

2. $\log(-1) = \text{-----}$

- (a) $i2n\pi$
- (b) $-i2n\pi$
- (c) 0
- (d) $i(2n+1)\pi$

PART – B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Expand $\cos 5\theta$ in terms of powers of $\cos \theta$

(OR)

(b) Prove $2^5 \cos^6 \theta = \cos 6\theta + 6 \cos 4\theta + 15 \cos 2\theta + 10$

4. (a) Prove $\cosh^{-1} x = \log_e (x + \sqrt{x^2 - 1})$

(OR)

(b) Separate into real and imaginary parts $\tan^{-1}(x + iy)$

PART – C (1 X 8=8 marks)

III. Answer the following.

5. (a) Prove $\frac{\sin 7\theta}{\sin \theta} = 7 - 56 \sin^2 \theta + 112 \sin^4 \theta - 64 \sin^6 \theta$

(OR)

(b) If $\sin(\theta + i\phi) = \tan \alpha + i \sec \alpha$ then show that $\cos 2\theta \cosh 2\phi = 3$

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IV SEMESTER, I Internal Test - JAN 2020

II B.Sc. Maths

Human Rights

Duration : 1 Hr.

Subject Code : SNCO4B

Marks : 20

Date : 27.01.2020

PART A

I. Choose the correct answer (2×1 = 2)

1. Human rights are -----

- (a) gifts
- (b) offers
- (c) appeal to govt
- (d) justified claims

2. The upholding of human rights is for maintaining human -----

- (a) aspiration
- (b) nature
- (c) capital
- (d) dignity

PART B

II. Answer the question choosing either (a) or (b) (2×5 = 10)

3.(a) Explain about the meaning of human rights.

(OR)

(b) Discuss the characteristics of human rights.

4.(a) Discuss the definitions of human rights .

(OR)

(b) Explain about civil and political rights.

PART C

II. Answer ALL the questions choosing either (a) or (b) (1×8 = 8)

5. (a) Explain about the kinds of human rights.

(OR)

(b) Explain in detail about the rights of disabled persons.

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020

III B.Sc - MATHEMATICS - *Batch I & II*
COMPLEX ANALYSIS

Duration: 1 Hr.
Marks: 20

Subject Code: SMMA61
Date: 20.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. If $f(z)=u+iv$ is analytic then $\frac{\partial(u,v)}{\partial(x,y)}$ is -----

- (a) $f'(z)$
- (b) $|f'(z)|$
- (c) $|f'(z)|^2$
- (d) $|f(z)|^2$

2. The harmonic conjugate of $u=e^x \cos y$ is-----

- (a) $e^{-x} \sin y$
- (b) $e^{-x} \cos y$
- (c) $e^x \sin y$
- (d) $e^y \cos y$

PART –B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Prove that $f(z) = \sin x \cosh y + i \cos x \sinh y$ is differentiable at every point

(OR)

(b) Prove that the functions $f(z)$ and $f(\bar{z})$ are simultaneously analytic

4. (a) Prove that the real and imaginary parts of an analytic function are Harmonic functions

(OR)

(b) If $f(z)$ is analytic prove that $(\frac{\partial^2}{\partial x^2} + \frac{\partial^2}{\partial y^2}) |f(z)|^2 = 4 |f'(z)|^2$

PART –C

(1 X 8=8 marks)

III. Answer the following.

5. (a) State and prove C-R equation in polar form

(OR)

(b) Find the analytic function $f(z) = u+iv$ if $u+v = \frac{\sin 2x}{\cosh 2y - \cos 2x}$

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VI SEMESTER, I INTERNAL TEST – JANUARY 20.20
III B.Sc - MATHEMATICS + Batch I & II

NUMBER THEORY

Duration: 1 Hr.
 Marks: 20

Subject Code: SMMA62
 Date: 21.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. The value of $0!$ is -----
 (a) 0
 (b) 1
 (c) ∞
 (d) $-\infty$

2. For $n \geq 1$, $nC_r < nC_{r+1}$ iff -----

- (a) $0 \leq r < \frac{n-1}{2}$
 (b) $0 < r < \frac{n}{2}$
 (c) $0 \leq r < \frac{n-2}{2}$
 (d) $0 < r < n$

PART –B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Derive the Newton's identity

(OR)

(b) State and prove the Archimedean Property

4. (a) Prove that the cube of any integer can be written as the difference of two squares

(Hint: $n^3 = [(1^3+2^3+\dots+n^3) - (1^3+2^3+\dots+(n-1)^3)]$)

(OR)

(b) Establish the following formula by mathematical induction

$$1+2+3+\dots+n = \frac{n(n+1)}{2} \quad \forall n \geq 1$$

PART –C

(1 X 8=8 marks)

III. Answer the following.

5. (a) If $2 \leq k \leq n-2$ show that $\binom{n}{k} = \binom{n-2}{k-2} + 2\binom{n-2}{k-1} + \binom{n-2}{k}$

where $n \geq 4$

(OR)

(b) State and prove the binomial theorem

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020

III B.Sc - MATHEMATICS + Batch I & II

GRAPH THEORY.

Duration: 1 Hr.

Subject Code: SMMA63

Marks: 20

Date: 22.01.2020

PART –A

(2 X 1=2 marks)

I. Choose the correct answer

1. Peterson graph is a -----graph

- (a) (10, 15)
- (b) (15, 10)
- (c) (5,10)
- (d) None

2. In a Regular (p,q) graph -----

- (a) $p=q$
- (b) $q=2p$
- (c) $\delta = \Delta$
- (d) $\omega = 1$

PART –B

(2 X 5 =10 marks)

II. Answer the following.

3.(a) Show that in any group of two or more people, there will always be two persons with the same number of friends inside the group

(OR)

(b) Define : Complete Bipartite graph

Spanning subgraph, Induced subgraph

4. (a) Isomorphism preserves the degree of the vertices

(OR)

(b) Given an example and prove that two graphs are non-isomorphic

PART –C

(1 X 8=8 marks)

III. Answer the following.

5 (a) The maximum number of lines among all points of graph with no triangle is $\lfloor \frac{p^2}{4} \rfloor$

(OR)

(b) (i) Let G be a (p,q) graph all of whose points have degree k or k+1. If G has t > 0 points of degree k. Show that $t = p(k+1) - 2q$

(ii) Prove that any self-complementary graph has 4n (or) 4n+1 points.

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020
III B.Sc - MATHEMATICS + Batch I & II

DYNAMICS

Duration: 1 Hr.
 Marks: 20

Subject Code: SMMA64
 Date: 24.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. A Projectile is thrown with a velocity of 20m/sec at an elevation of 30° . The greatest height attained by the Projectile is-----
- (a) 5.1 m
 (b) 5.5 m
 (c) 5.0 m
 (d) 5.3 m

2. The maximum range on the inclined plane is -----

- (a) $\frac{u^2}{g(1+\sin\beta)}$ (b) $\frac{1+\cos\alpha}{g(1+\sin\beta)}$
- (c) $\frac{2u\sin\alpha}{g}$ (d) $\frac{1-\cos\alpha}{g(1+\sin\beta)}$

PART –B (2 X 5 =10 marks)

II. Answer the following.

- 3.(a) Prove that the path of the projectile is a parabola
 (OR)
 (b) A particle is thrown over a triangle from one end of a horizontal base and grazing the vertex falls on the other end of a base. If A,B are the base angles and α the angle of projection, show that $\tan\alpha = \tan A + \tan B$
4. (a) Find the velocity of a projectile in magnitude and direction at the end of time t.

(OR)

(b) If v_1 and v_2 be the velocities of a projectile at the end of a focal chord of its path and U is the velocity at the vertex prove that $v_1^{-2} + v_2^{-2} = U^{-2}$

PART –C (1 X 8=8 marks)

III. Answer the following.

5 (a) Obtain the range of a Projectile on an inclined plane and find its maximum

(OR)

(b) Show that for a given velocity of projection the maximum range down an inclined plane of inclination α bears to the maximum range up the inclined plane the ratio $\frac{1+\sin\alpha}{1-\sin\alpha}$

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020
III B.Sc - MATHEMATICS- *Batch I & II*
NUMERICAL METHODS

Duration: 1 Hr.
Marks: 20

Subject Code: SMMA65
Date: 25.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. Iteration Method is also known as -----

- (a) approximation
- (b) rounding off method
- (c) successive approximation
- (d) None of these

2. In the regular falsi method we approximate the curve of the function $f(x)$ by a -----

- (a) tangent
- (b) chord
- (c) normal
- (d) none of these

PART –B (2 X 5 =10 marks)

II. Answer the following.

3.(a) Find the real root of the equation $\cos x = 3x-1$ correct to 3 decimal places by using iteration method

(OR)

(b) Find by Newton's method, the root of the equation $e^x = 4x$, which is approximately 2. Correct to 3 places of decimals

4. (a) Compute the real root of $x \log_{10} x - 1.2 = 0$ correct to 5 decimal places. (Using the method of false position)

(OR)

(b) Using Newton Raphson method, establish the formula $x_{n+1} = \frac{1}{2} \left(x_n + \frac{N}{x_n} \right)$ to calculate the square root of N. Hence find the square root of 5 correct to four places of decimals.

PART –C (1 X 8=8 marks)

III. Answer the following.

5 (a) Using bisection method find the negative root of $x^3 - 4x + 9 = 0$ correct to 4 decimal places

(OR)

(b) Solve the equation $x^3 - 4x - 9 = 0$ correct to 3 decimal places by using the bisection method

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020

III B.Sc - MATHEMATICS - Batch I & II
FUZZY MATHEMATICS – I

Duration: 1 Hr.
Marks: 20

Subject Code: SEMA6B
Date: 27.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

1. Every uncountable set is -----
(a) finite
(b) infinite
(c) relations
(d) None of these

2. $\alpha^+(A \cup B) =$ -----

- (a) $\alpha_A \cup \alpha_B$
(b) $\alpha^+A \cup \alpha^+B$
(c) $\alpha^+A \cap \alpha^+B$
(d) $\alpha_A \cap \alpha_B$

PART –B (2 X 5 =10 marks)

II. Answer the following.

- 3.(a) State the fundamental properties of crisp set operations

(OR)

- (b) Define (i) α cut with an example
(ii) strong α cut with an example
(iii) Height of a fuzzy set

4. (a) State and prove first decomposition theorem

(OR)

- (b) Let $A_i \in F(X)$ for all $i \in I$, where I is an index set.

Then $\bigcup_{i \in I} \alpha_{A_i} \subseteq \alpha(\bigcup_{i \in I} A_i)$

PART –C

(1 X 8=8 marks)


III. Answer the following.

- 5 (a) A fuzzy set A on R is convex iff

$$A(\lambda x_1 + (1-\lambda)x_2) \geq \min(A(x_1), A(x_2)), \text{ for all } x_1, x_2 \in R \text{ and all } \lambda \in [0, 1]$$

(OR)


- (b) State and prove second decomposition theorem


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VI SEMESTER, I INTERNAL TEST – JANUARY 2020
III B.Sc - MATHEMATICS - Batch I & II
OPERATIONS RESEARCH - II

Duration: 1 Hr.
 Marks: 20

Subject Code: SEMA6D
 Date: 28.01.2020

PART –A (2 X 1=2 marks)

I. Choose the correct answer

- If the maximum value equals the minimax value then the game is said to have a -----
 (a) value of game
 (b) optimum strategy
 (c) saddle point
 (d) None of these
- The problem of replacement is not concerned about the -----
 (a) items that deteriorate graphically
 (b) items that fail suddenly
 (c) determination of optimum replacement interval
 (d) maintenance of an item to work out profitability

PART –B (2 X 5 =10 marks)

II. Answer the following.

- (a) Solve the following game and determine the value of game

$$P_1 \begin{pmatrix} 5 & 1 \\ 3 & 4 \end{pmatrix} \begin{matrix} P_2 \\ \end{matrix}$$

(OR)

- (b) For what value of λ , the game with the following pay off matrix is strictly determinable?

$$\text{Player A} \begin{pmatrix} \lambda & 6 & 2 \\ -1 & \lambda & -7 \\ -2 & 4 & \lambda \end{pmatrix} \begin{matrix} \text{Player B} \\ \end{matrix}$$

- (a) Solve the following games graphically

$$\begin{pmatrix} 1 & -3 \\ 3 & 5 \\ -1 & 6 \\ 4 & 1 \\ 2 & 2 \\ -5 & 0 \end{pmatrix}$$

(OR)

- (b) Solve the following game

$$\text{Player A} \begin{pmatrix} 3 & 2 & 4 & 0 \\ 3 & 4 & 2 & 4 \\ 4 & 2 & 4 & 0 \\ 0 & 4 & 0 & 8 \end{pmatrix} \begin{matrix} \text{Player B} \\ \end{matrix}$$

PART –C (1 X 8=8 marks)

III. Answer the following.

- (a) Solve the game whose pay off matrix is given below

$$\text{Player A} \begin{pmatrix} 4 & -2 & 3 & -1 \\ -1 & 2 & 0 & 1 \\ -2 & 1 & -2 & 0 \end{pmatrix} \begin{matrix} \text{Player B} \\ \end{matrix}$$

(OR)

- (b) The data collected in running a machine, the cost of which is Rs.60,000 are given below:

Year	1	2	3	4	5
Resale value(Rs.)	42,000	30,000	20,400	14,400	9,650
Cost of spares(Rs.)	4,000	4,270	4,880	5,700	6,800
Cost of labour(Rs.)	14,000	16,000	18,000	21,000	25,000

Determine the optimum period for replacement of the Machine

R. Pappathi
 Mrs.R.M.Muthulakshmi
 Mrs.R.Pappathi
QPS

S. Rathina Malathi
 Mrs. S. Rathina Malathi
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ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
II SEMESTER, I INTERNAL TEST – JANUARY 2020
I B.Sc. CHEMISTRY
ORGANIC CHEMISTRY – I

Duration : 1Hr
Marks : 20 marks

Subject Code: SMCH22
Date : 25.01.2020

PART – A (2×1=2 Marks)

I. Choose the Correct Answer

1. Compounds having one particular characteristic group or functional groups in common are called -----

- (a) Homologues
- (b) Anomars
- (c) Isomers
- (d) Tautomers

2. Which of the following is named as alkanal?

- (a) Alcohol
- (b) Aldehyde
- (c) Ketone
- (d) Carboxylic acid

PART – B (2×5=10 Marks)

II Answer the following

3. (a) Write the formulae of the following compounds:

- (i) 4-Hydroxy pentanol
- (ii) 4-cyano-3-methoxy butanoic acid
- (iii) Bicyclo [1.1.0] butane

(OR)

(b) What are cyclic and acyclic compounds? Give examples.

4. (a) Carbon – carbon bond distance in benzene is intermediate between the bond distances in ethylene or ethane – Explain.

(OR)

(b) $\text{CH}_3\text{CH}_2\text{COOH}$, $\text{CH}_3\text{CHClCOOH}$, $\text{CH}_2\text{ClCH}_2\text{COOH}$ – Arrange the increasing order of strength of the above acids. Justify your answer.

PART – C (1×8=8 Marks)

III Answer the following

5. (a) Define structural isomerism. Explain the different types of structural isomerism with suitable examples.

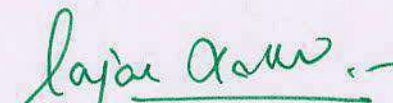
(OR)

(b) Explain SP^3 , SP^2 and SP hybridization of carbon and the geometry of methane, ethylene and acetylene.


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Dr. R. Anuradha


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IV SEMESTER, I INTERNAL TEST – JANUARY 2020

II B.Sc. CHEMISTRY
PHYSICAL CHEMISTRY II

Duration: 1Hr
Marks : 20 marks

Subject Code: SMCH41
Date : 23.01.2020

PART – A (2×1=2 Marks)

I Choose the Correct Answer

1. Joule Thomson expansion of an ideal gas is-----

- (a) Isothermal process
- (b) Isobaric process
- (c) Isochoric process
- (d) Isoenthalpic process

2. Three moles of an ideal gas of 27°C expands isothermally and reversibly from 20liters to 60liters. Calculate the internal energy change-----

- (a) -8.221K.J
- (b) 0
- (c) +8.221K.J
- (d) -2.023K.J

PART – B (2×5=10 Marks)

II Answer the following

3. (a) Derive kirchoff's equation

(OR)

(b) Differentiate reversible and irreversible process

4. (a) Calculate the maximum work done for the isothermal expansion of 2.5 moles of an ideal gas from a pressure of 10atm to 1atm at 298K.

(OR)

(b) Calculate the Joule Thomson coefficient of a gas at 0°C. The vanderwaals constants are $a=1.332 \text{ lit atm mol}^{-2}$, $b=0.0318 \text{ lit mol}^{-1}$. $C_p=6.9 \text{ cal degrees}$. What will be the inversion temperature?

PART – C (1×8=8 Marks)

III Answer any one of the following

5. (a) Derive an expression for Joule Thomson coefficient for Vander waals gas.

(OR)

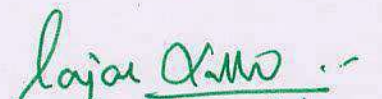
(b) (i) What is inversion temperature. Derive an expression for it and give the applications

(ii) State and give applications of zeroth law and first law of thermodynamics.

S.P. Lishavi

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IV SEMESTER, I INTERNAL TEST – JANUARY 2020

II B.Sc. CHEMISTRY
CHEMISTRY IN MEDICINE

Duration: 1Hr

Subject Code: SSCH4A

Marks : 20 marks

Date :24.01.2020

PART – A (2×1=2 Marks)

I. Choose the Correct Answer

1. Which is the antidote for alkali poisoning?

- (a) Dilute vinegar (acetic acid)
- (b) Lemon
- (c) Both (a) and (b)
- (d) None

2. Menkes disease is caused by the deficiency of -----

- (a) Sodium
- (b) Potassium
- (c) Copper
- (d) Calcium

PART – B (2×5=10 Marks)

II Answer the following

3. (a) Explain the first-aid treatment for a victim of burns?

(OR)

(b) What are the ingredients commonly placed in a first aid box?

4. (a) Give the importance of calcium in human health?

(OR)

(b) Explain the biological role of Copper?

PART – C (1×8=8 Marks)


5. (a) Give the antidote for the following and explain :


- (i) Acid poisoning
- (ii) Poisoning by disinfectants
- (iii) Alcohol poisoning
- (iv) Mercury poisoning.

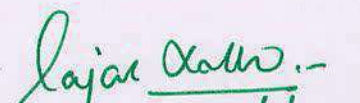
(OR)

(b) Write the medicinal uses of the following:

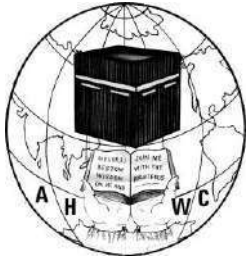
- (i) Aluminium gel
- (ii) Ferrous sulphate
- (iii) Ferrrous gluconate
- (iv) Alum


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(Dr. R. ANURADHA)


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II SEMESTER, I INTERNAL TEST – JANUARY 2020
I B.Sc - PHYSICS

THERMAL PHYSICS AND STATISTICAL MECHANICS

Sub code: SMPH21

Total: 20 marks

Time: 1 hr

Date: 22.01.2020

Part-A

(2x1=2 marks)

(I) Choose the correct answer:

1. The transport of momentum across a plane in a gas due to molecular motion gives rise to -----

- (a) Diffusion
- (b) Thermal conductivity
- (c) Viscosity
- (d) Osmotic pressure

2. The ratio K/η of a gas equals -----

- (a) N
- (b) C_p
- (c) C_v
- (d) R

Part-B

(2x5=10 marks)

(I) Answer all questions, choosing either (a) or (b):

3.(a) Write the postulates of kinetic theory of gases.

(OR)

(b) Write a note on mean free path and derive an expression for it.

4.(a) Explain the joule Thompson porus plug experiment.

(OR)

(b) Derive an expression for co-efficient of diffusion based on kinetic theory of gases.

Part-C

(1x8=8 marks)

(III) Answer the following, choosing either (a) or (b):

5.(a) Derive an expression for the distribution of molecular speeds based on Maxwell's law.

(OR)

(b) Explain regenerative cooling. Based on it explain the liquefaction of Hydrogen.

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03/01/2020
QPS

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II SEMESTER, I INTERNAL TEST – JANUARY 2020
I B.SC PHYSICS

Sub code: SMPH22
Time: 1 hr

OPTICS
Total : 20 marks
Date :24.01.2020

Part-A (2x1=2 marks)

I) Choose the correct answer:

1. The coherent sources of light produced by a biprism are ---

- (a) real
- (b) virtual
- (c) imaginary
- (d) all the above

2. Due to dissimilar reflection, additional path difference produced is ----

- (a) λ
- (b) $\lambda/2$
- (c) $\lambda/4$
- (d) 2λ

Part B (2x5=10 marks)

II) Answer all questions, choosing either (a) or (b):

3. (a) What are the methods to minimize spherical aberration? Derive an expression for minimizing spherical aberration.

(OR)

(b) Derive the condition for deviation without dispersion in a combination of two thin prisms.

4.(a) Explain prism Binocular.

(OR)

(b) Derive the condition for achromatism when two lenses are separated by a distance.

Part C (1x8=8 marks)

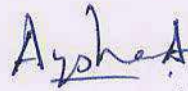
III) Answer the following, choosing either (a) or (b):

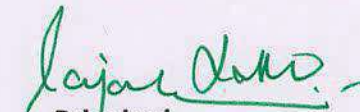
5.(a) Describe the Huygen's eyepiece with neat diagram.

(OR)

(b) Explain interference of light waves and derive conditions for constructive and destructive interference.


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II SEMESTER, I INTERNAL TEST - JANUARY 2020

I B.SC PHYSICS

VALUE BASED EDUCATION

Sub code: SVBE21

Date: 28.01.2020

Total: 20 marks

Time : 1 hr

Part -A

(2x1=2 marks)

(I) Choose the correct answer:

1. Mandal commission report deals with the reservation quota for _____ people

- (a) Scheduled tribe
- (b) scheduled caste
- (c) Forward class
- (d) backward class

2. The universal declaration of human rights is a document adopted by the -----

- (a) UNESCO
- (b) UNO
- (c) Red cross
- (d) Blue cross

Part B

(2x5=10 marks)

(II) Answer all questions, choosing either (a) or (b):

3.(a) Explain equality and fraternity.

(OR)

(b) Give a short profile of Dr. Ambedkar.

4. (a) Explain the six fundamental human rights as enshrined in chapter III of the constitution of India.

(OR)

(b) Briefly discuss about (i) UNIFEM & (ii) DEDAW

Part C

(1x8=8 marks)

(III) Answer the following, choosing either (a) or (b):

5. (a) Explain the factors which cause the social injustice in India.

(OR)

(b) Discuss about the upper cloth revolt and the dowry problems encountered by Indian women.

Rhy
QPS
[Dr. R. LAVANYA]

Aysha

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IV Semester, I Internal Test - January 2020

II B.Sc Physics

ELECTROMAGNETISM

Sub code : SMPH41

Date:22.01.2020

Total: 20 marks

Time : 1 hr

Part -A

(2×1=2 marks)

I Choose the correct answer:

1. An induced emf of one volt produced in a coil due to rate of change of current on one ampere per sec is -----
(a) one watt
(b) one henry
(c) one weber
(d) one volt ampere per sec
2. The direction of magnetic field due to current carrying element is given by-----
(a) Fleming's left hand rule
(b) Right hand thumb rule
(c) Biot-Savart law
(d) Lorentz force

Part -B

(2×5=10 marks)

II Answer all the questions choosing either (a) or (b):

3. (a) Derive a formula for self inductance of a long solenoid.
(OR)
(b) Construct Anderson's bridge and obtain the balance condition.
4. (a) What is eddy current? Furnish its uses.
(OR)
(b) State Ampere's circuital law and give the proof.

Part -C

(1×8=8marks)

III Answer all the questions choosing either (a) or (b):

5. (a) Determine the self inductance of a coil using Rayleigh bridge method.
(OR)
(b) Derive an expression for magnetic induction at any point on the axis of the circular coil carrying current.

Nre
QPS [Dr.N. Sriden] HOD

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IV Semester, I Internal Test – January 2020

II B.Sc Physics

MAINTENANCE OF ELECTRONIC EQUIPMENTS

Sub code: SSPH4A

Total: 20 marks

Time: 1 hr

Date: 24.01.2020

Part-A (2×1=2 marks)

I) Choose the correct answer:

1. A capacitor can store-----

- (a) Magnetic energy
- (b) Electromagnetic energy
- (c) Electric energy
- (d) Any amount of energy

2. The tip of soldering iron is mostly-----

- (a) copper
- (b) silver
- (c) aluminum
- (d) lead

Part B (2×5=10 marks)

II) Answer all questions, choosing either (a) or (b):

3.(a) What are active and passive electronic components?

Name three active and three passive components.

(OR)

(b) Explain with two examples colour coding of resistors

4(a) What is soldering? Describe how you would achieve good Soldering.

(OR)

(b) Write the uses of capacitors.

Part C

(1×8=8 marks)

III) Answer the following, choosing either (a) or (b):

5.(a) Describe the star and delta connections of resistors. Find the equivalent resistance while converting star into delta connection and vice versa.

(OR)

(b) Describe how printed circuit board is prepared and used.

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QPS

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IV SEMESTER, I INTERNAL TEST – JANUARY 2020

II B.Sc. PHYSICS
ALLIED CHEMISTRY – II

Duration: 1Hr
Marks : 20 marks

Subject Code: SACH21
Date : 25.01.2020

PART – A (2×1=2 Marks)

I. Choose the Correct Answer

1. ----- is aromatic

- (a) Pyrrole
- (b) Propane
- (c) Cyclohexane
- (d) Cyclopentane

2. Electrophilic substitution reaction takes place in anthracene at ----- position

- (a) C₁
- (b) C₂
- (c) C₆
- (d) C₉ and C₁₀

PART – B (2×5=10 Marks)

II Answer any two of the following

3. (a) Discuss the general characteristics of aromatic compounds.

(OR)

(b) Explain Huckel's 4n+2 rules with suitable examples.

4. (a) How benzene is prepared from benzoic acid and Explain the Structure of benzene.

(OR)

(b) Explain isotopes, isobars and isotones with suitable example.

PART – C (1×8=8 Marks)

5. (a) Discuss the structure of the naphthalene.

(OR)

(b) Write the nitration and sulphonation reactions of Naphthalene and anthracene

V: *Ch*
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VI Semester, I Internal Test – January 2020

III B.Sc Physics
DIGITAL ELECTRONICS

Sub code: SMPH61

Total: 20 marks

Time: 1 hr

Date: 20.01.2020

Part-A (2×1=2 marks)

I. Choose the correct answer:

1. The binary equivalent of decimal 11 is-----

- (a) 1010
- (b) 1100
- (c) 1011
- (d) 0111

2. The base of the hexadecimal number system is-----

- (a) 6
- (b) 8
- (c) 16
- (d) 26

Part B (2×5=10 marks)

II. Answer all questions, choosing either (a) or (b):

3.(a) Convert the following

(i) $(654)_{10} = (?)_8$ (ii) $(ABCD)_{16} = (?)_{10}$

(OR)

b) (i) $(43.6875)_{16} = (?)_2$ (ii) $(1234)_8 = (?)_{16}$

4.(a) Explain ASCII code with example

(OR)

(b) Explain excess-3-code with examples. Convert $(29)_{10}$ to excess -3-code.

Part C

(1×8=8 marks)

III. Answer the following, choosing either (a) or (b):

5.(a) (i) What is a BCD code? Explain.

(ii) Convert $(1011)_2$ into grey code.

(OR)

(b) Use 2's complements to perform the following binary subtractions (i) $1111-1011$ (ii) $1001-1101$

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(P.MALATHI)
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VI SEMESTER, I INTERNAL TEST - JANUARY 2020

III B.SC PHYSICS
QUANTUM MECHANICS

Sub code : SMPH62

Date:22.01.2020

Total: 20 marks

Time : 1 hr

Part -A (2×1=2 marks)

(I) Choose the correct answer:

1. The emissivity of black body radiation is-----

- (a) 0
- (b) 0.5
- (c) 1
- (d) infinity

2. De Broglie wavelength of electron, accelerated to a potential

V is

- (a) $\frac{12.25}{\sqrt{V}} \text{ \AA}$
- (b) $\frac{12.25}{V} m$
- (c) $\sqrt{\frac{12.25}{V}} m$
- (d) $\frac{12.25}{V} \text{ \AA}$

Part -B (2×5=10 marks)

(I) Answer all the questions choosing either (a) or (b):

3. (a) Write short notes about theoretical laws of black body radiation.

(OR)

(b) Explain briefly on Einstein's quantum theory on specific heat.

4. (a) What is photo electric effect? Give Einstein's explanation on photo electric effect.

(OR)

(b) Deduce the expression for de Broglie wavelength.

Part -C (1×8=8marks)

(III) Answer all the questions choosing either (a) or (b):

5. (a) Illustrate Compton Effect using neat diagram. Also derive Compton wavelength.

(OR)

(b) Explain in detail about phase velocity and group velocity. Derive the expression for the same.

Nme
QPS [Dr. N. Sridevi] HOD

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VI SEMESTER, I INTERNAL TEST- JANUARY 2020

III B.SC PHYSICS
NUCLEAR PHYSICS

Subject code: SMPH63
Date: 24.01.2020

Marks: 20 Marks
Time: 1hr

PART-A (2x1=2marks)

I. Choose the correct answer.

1. Nuclei with same mass number, different atomic number are called -----

- (a) isotopes
- (b) isobars
- (c) isotones
- (d) isomers

2. Nuclei with the quadrupole moment value $Q=(-)$ ve is called -----

- (a) prolate nuclei
- (b) oblate nuclei
- (c) spherical nuclei
- (d) elliptical nuclei

PART-B (2x5=10marks)

(II) Answer all the questions choosing either (a) or (b):

3.(a) Explain the theories of nuclear composition.

(OR)

(b) What are the characteristics of nuclear forces?

4.(a) Explain the liquid drop model of nuclei.

(OR)

(b) Why an electron cannot be present inside the nucleus?

PART-C (1X8=8Marks)

III. Answer all the questions choosing either (a) or (b):

5. (a) Derive Weizacker semi empirical mass formula.

(OR)

(b) Write down the laws of radioactive disintegration.

Aysha A
03/01/2020

QPS

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VI SEMESTER, I INTERNAL TEST – JANUARY 2020

III B.SC PHYSICS

SOLID STATE PHYSICS

Sub code:SMPH64

Total: 20 marks

Time: 1 hr

Date:25 .01.2020

Part-A

(2×1=2 marks)

I) Choose the correct answer:

1.The value of (a^*a) is -----

- (a) 1
- (b) 0
- (c) π
- (d) 2π

2.The only element exhibiting simple cubic structure is-----

- (a) Silver
- (b) Polonium
- (c) Zinc
- (d) Diamond

Part B

(2x5=10 marks)

II) Answer all questions, choosing either (a) or (b):

3.(a) Explain Bravais lattices in three dimension.

(OR)

(b) Derive the relation connecting interplanar distance and cell dimension of a cubic crystal.

4.(a) Explain the diamond cubic structure.

(OR)

(b) Describe the face centered cubic structure.

Part C

(1x8=8 marks)

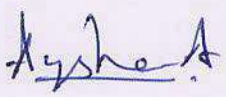
III) Answer the following, choosing either (a) or (b):

5.(a) Obtain reciprocal lattice to fcc lattice structure.

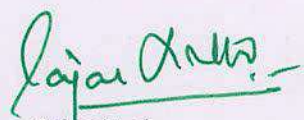
(OR)

(b) Describe the experimental verification of Bragg's law of X-ray diffraction.


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VI Semester, I Internal Test - January 2020

III B.Sc Physics

ENERGY PHYSICS

Sub code : SMPH6B

Date:28.01.2020

Total: 20 marks

Time : 1 hr

Part -A

(2×1=2 marks)

(I) Choose the correct answer:

1. India's reserve of uranium fuel is estimated to be -----

- (a) 7000 tones
- (b) 1,19,000 tones
- (c) 10,000 tones
- (d) no reserve

2. What is the percentage share of fossil fuel in global consumption of primary energy?

- (a) 81%
- (b) 50%
- (c) 10%
- (d) 99%

Part -B

(2×5=10 marks)

(II) Answer all the questions choosing either (a) or (b):

3. (a) Write a note on comparison between conventional and non-conventional source of energy.

(OR)

(b) Give an account of India's production and reserve of energy sources.

4. (a) What are the merits, demerits and applications of fossil fuels?

(OR)

(b) Write about the nature of solar radiation and its components.

Part -C

(1×8=8marks)

(III) Answer all the questions choosing either (a) or (b):

5. (a) Give an account of world's reserve of conventional energy sources and their availability.

(OR)

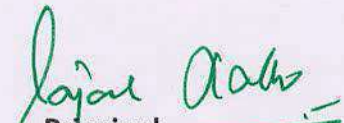
(b) Write notes on beam and diffuse radiation. What are the reasons for variation in solar radiation reaching the earth than received at the outside of the atmosphere?



QPS [P.PREMA]



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II SEMESTER, I INTERNAL TEST – JANUARY 2020
I B.Sc. CHEMISTRY
INORGANIC CHEMISTRY – II

Duration: 1Hr
Marks : 20 marks

Subject Code: SMCH21
Date : 23.01.2020

PART – A (2×1=2 Marks)

I. Choose the Correct Answer

1. Which of the following is not noble gas?

- (a) He
- (b) Ne
- (c) O₂
- (d) Ar

2. The mineral pitch blend contains-----

- (a) Xe
- (b) Ar
- (c) He
- (d) H₂

PART – B (2×5=10 Marks)

II Answer any two of the following

3. (a) How are Xenates and Perxenates prepared and give one Properties?

(OR)

(b) Write a short note on clathrates of noble gases. Discuss briefly their uses in noble gases.

4. (a) Explain the preparation and properties of Xenon Oxide.

(OR)

(b) Explain briefly the structure and bonding in XeF₆.

PART – C (1×8=8 Marks)


5. (a) Explain the preparation and properties of Xenon Fluorides .


(OR)

(b) Discuss the following two methods of separation of noble gases from the atmosphere.

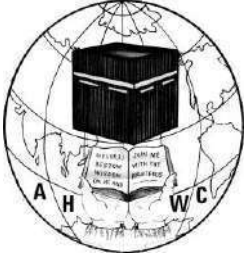
- i) Rayleigh and Ramsay method.
- ii) Dewar's coconut charcoal method.

V. Cle.
QPS
(V. CHITHRA)


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DEPARTMENT OF COMPUTER SCIENCE

ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
II SEMESTER, I INTERNAL TEST- JANUARY-2020
I B.Sc - COMPUTER SCIENCE
DIGITAL DESIGN

Date: 25.01.2020
Subject Code: SACS21

Time: 1 hr
Marks: 20

PART- A

I. Choose the correct answer (2X 1=2Marks)

1. Convert the fractional binary number 10010.0100 to decimal.

- a) 24.50 b) 18.25
c) 18.40 d) 16.25

2. The basic logic gate whose output is the complement of the input is the _____.

- a) OR gate b) AND gate
c) Inverter d) Comparator

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Convert the following numbers
i) $(41.6875)_{10}$ to Hexadecimal number
ii) $(11001101.0101)_2$ to Base-8
iii) $(4567)_{10}$ to Base-2.

(OR)

(b) Explain the binary codes with examples.

Prathy
QPS

4. (a) Do the following:
i) Convert $(0.6875)_{10}$ to binary
ii) Convert $(0.513)_{10}$ to octal.

(OR)

(b) Which gates are called a universal logic gates? Why?

PART -C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

5. (a) Explain about Excess-3 and Gray Codes.

(OR)

(b) Explain how the Boolean expression $y=AB+CD$ can be drawn using

- i) AND - OR circuit
ii) NAND - NAND circuit
iii) AND - OR - INVERT circuit

P.S. Siva
30/1/2020
HOD

Lajal Datta
Principal 23/01/2020
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II SEMESTER, I INTERNAL TEST- JANUARY -2020
I B.Sc – COMPUTER SCIENCE
VALUE BASED EDUCATION

Date: 28.01.2020
Subject Code: SVBE21

Time: 1 hr
Marks: 20

PART- A

I. Choose the correct answer (2X 1=2Marks)

1. Social justice stands for

- a) Equality b) Inequality
c) Marginalisation d) Social Exclusion

2. Untouchability has been abolished by

- a) article 14 b) article 13
c) article 17 d) article 40

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Elaborate the concept of social justice.

(OR)

(b) Write about the factors that promote social justice.

4. (a) Write about human rights.

(OR)

(b) Explain in detail about equality and fraternity.

J. S. Dhanu
QPS

PART -C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b):

5. (a) Discuss in detail about the role of Dr. Ambedhkar in the protection of social justice.

(OR)

(b) Explain about role of E.V.R Periyar in the protection of social justice..

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Lajal Kathir
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ANNAI HAJIRA WOMEN'S COLLEGE, MELAPALAYAM
IV SEMESTER, I INTERNAL TEST- JANUARY-2020
II B.Sc – COMPUTER SCIENCE
VISUAL BASIC

Date: 20.01.2020
Subject Code: SMCS41

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer

(2X 1=2Marks)

1. _____ event is fired in Textbox.

- a. Change b. Clear
c. List d. None of these

2. Visual Basic project files are saved with an extension

_____.

- a. .vbp b. .frm
c. .ocx d. All the above

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. a) Discuss about the common events in VB.

(OR)

b) Explain VB Enterprise edition controls.

[Signature]
Q.P.S

4. a) Explain how will you display forms.

(OR)

b) How will you rename and save the project?

PART -C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

5. a) Explain IDE in detail.

(OR)

b) Explain the elements of user interface.

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IV SEMESTER, I INTERNAL TEST- JANUARY-2020
II B.Sc – COMPUTER SCIENCE
INFORMATION SECURITY

Date: 21. 01. 2020
Subject Code: SMCS42

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer (2X 1=2Marks)

1. A Security Breach is also known as _____ violation.
a) Breach b) Security c) Private d) Integrity
2. Information is corrupted in _____ network.
a) integrity b) Secure c) insecure d)
Availability

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

6. a) Explain Goals of Information Security.
(OR)

b) How to keep safe and secure online.

QPS

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7. a) Explain about Need for Information Security.
(OR)

b) What is Threats and Vulnerabilities

Part – C

Explain any one in detail (1x8=8)

8. a) Who needs to be Concerned on Information Security.
(OR)
- b) Explain Security Breach.

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Sujana OBN
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IV SEMESTER, I INTERNAL TEST- JANUARY-2020
II B.Sc - COMPUTER SCIENCE
RELATIONAL DATABASE MANAGEMENT SYSTEM

Date: 22.01.2020
Subject Code: SMCS43

Time: 1 hr
Marks: 20

PART- A

I. Choose the correct answer

(2X 1=2Marks)

1. The following are components of a database except _____.

- a) user data b) meta data
c) reports d) indexes

2. In the relational model, relationships between relations or tables are created by using _____.

- a) composite keys b) determinants
c) candidate keys d) foreign keys

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Mention the purpose of database system.

(OR)

(b) Write short notes on data administrators.

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4. (a) Discuss about keys in relational database.

(OR)

(b) Explain relational operations in details.

PART -C (1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

5. (a) Discuss about database language.

(OR)

(b) Explain data storage and querying.

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IV SEMESTER, I INTERNAL TEST- JANUARY-2020
II B.Sc – COMPUTER SCIENCE
ANDROID PROGRAMMING

Date: 24/01/2020
Subject Code: SSCS4A

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer (2X 1=2Marks)

1. _____ is the only device that uses the pure version of
Android

- a. Samsung Galaxy Nexus b. Moto
c. HTC d. Nokia

2. _____ key imports package.

- a. Alt+Enter b. Shift F9
c. Alt+space d. F2

PART – B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. a) Write all Android versions and Android devices.

(OR)

b) Write about the features of Android.

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4. a) How to create Android Virtual Device?

(OR)

b) Write about Android developer community

PART –C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

5. a) Explain about break points.

(OR)

b) Explain – Architecture of Android and Android Studio.

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IV Semester, I Internal Test - January 2020

II B.Sc - Computer Science

Basic Physics

Sub code : SNPH4A

Date: 27.01.2020

Total: 20 marks

Time : 1 hr

Part-A

(2×1=2 marks)

I Choose the correct answer:

1. All the elements have ----- nuclear density

- (a) very high
- (b) constant
- (c) compressed
- (d) all the above

2. Isotopes are elements with-----

- (a) same Z, different A
- (b) same A, different Z
- (c) same A, same
- (d) different Z, different A

Part B

(2×5=10 marks)

II Answer all questions, choosing either (a) or (b):

3.(a) Explain nuclear binding energy curve.

(OR)

(b) What are nuclear forces? Give its characteristics.

4. (a) Explain nuclear fission and nuclear fusion and its reactions.

(OR)

(b) Discuss briefly about ferromagnetic materials.

Part C

(1×8=8 marks)

III Answer the following, choosing either (a) or (b):

5. (a) Write in detail about the nuclear constituents nuclear size, charge, mass, spin and nuclear magnetic moment.

(OR)

(b) Write in detail about the properties of Alpha, Beta and Gamma rays.

Rhy
QPS
[Dr.R.LAVANYA]

Aysha

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VI SEMESTER, I INTERNAL TEST- JANUARY-2020
III B.Sc - COMPUTER SCIENCE
OPERATING SYSTEM

Date: 20.01.2020
Subject Code: SMCS61

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer (2X 1=2Marks)

1. ____ increases CPU utilization.
a. Batch system b. Multiprogramming
c. Real time systems d. Cluster
2. A _____ is a program in execution.
a. job b. task
c. process d. All the above

PART - B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. a) What are the main advantages of multiprogramming?

(OR)

b) Discuss about distributed systems in detail.

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4. a) Discuss about computer system architecture.

(OR)

b) Explain communication in system calls.

PART -C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

5. a) Explain the various types of operating systems in detail.

(OR)

b) Explain operating system services.

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VI SEMESTER, I INTERNAL TEST- JANUARY-2020
III B.Sc – COMPUTER SCIENCE
COMPUTER GRAPHICS & VISUALIZATION

Date: 22. 01. 2020
Subject Code: SMCS62

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer

(2X 1=2Marks)

1. The equation of a straight line is _____
a) $Y=m.x+b$ b) $Y=m.y+b$ c) $Y=m.xy+b$ d) all the above
2. Expand DDA.

PART – B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)


6. a) Explain the working principles of CRT.
(OR)


b) Explain any three input devices.

7. a) Explain about color CRT monitor.
(OR)

b) Explain Raster Scan Displays.

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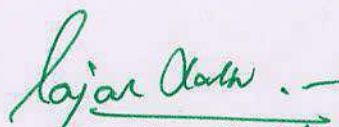
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Part – C

Explain any one in detail

(1x8=8)

8. a) How will you draw a line using bresenham's algorithm?
(OR)
b) Explain midpoint circle drawing algorithm.


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VI SEMESTER, I INTERNAL TEST- JANUARY-2020
III B.Sc - COMPUTER SCIENCE
DATA WAREHOUSING & DATA MINING

Date: 25/01/2020
Subject Code: SMCS63

Time: 1 hr
Marks: 20

Part- A

I. Choose the correct answer (2X 1=2Marks)

1. _____ is a data about data which describes the data warehouse.

- a. Database
b. RDBMS
c. Metadata
d. DBMS

2. _____ are an inexpensive alternative to a data warehouse.

- a. Data Mart
b. Digital Data
c. Metadata
d. OLAP

PART - B (2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. a) How to build a data warehouse?

(OR)

b) Write about the access tools?

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4. a) Write about Integrated solutions.

(OR)

b) Explain the technical consideration.

PART -C

(1 x 8= 8 marks)

III. Answer the questions choosing either (a) or (b)

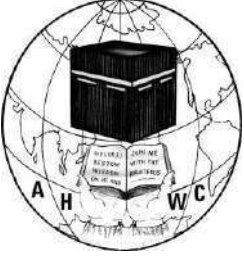
5. a) Explain about the components of a data warehouse.

(OR)

b) How to map data warehouse to a multiprocessor architecture.

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TAMIL

அன்னை ஹாஜிரா பெண்கள் கல்லூரி, மேலப்பாளையம்
இரண்டாம் பருவம் - இரண்டாம் உள்மதிப்பீடு மார்ச் 2020
முதலாம் ஆண்டு கணிதவியல்/இயற்பியல் /வேதியியல் /
கணினி அறிவியல் /ஆங்கில இலக்கியம் /வணிகவியல்
பொதுத்தமிழ் தாள் - I

Sub.code : S1TL21
நாள் : 03.03.2020

நேரம் : 1 மணி
மதிப்பெண் : 20

I சரியான விடையைத் தேர்வு செய்க. (2 x 1 = 2)

1. 'பெயர்ச்சொல்' எத்தனை வகைப்படும் -----

- அ) இரண்டு
ஆ) நான்கு
இ) ஆறு
ஈ) எட்டு

2. இன்னா நாற்பதின் ஆசிரியர் யார்?

- அ) கணிமேதாவியார்
ஆ) கபிலர்
இ) சமண முனிவர்
ஈ) திருவள்ளுவர்

பகுதி - ஆ

II. அனைத்து வினாக்களுக்கும் 250 சொற்களில் விடை தருக.
(2X5 =10)

3. அ) கண்ணனை நீராட அழைக்கும் பெரியாழ்வாரின் பாடலை விளக்குக?

(அல்லது)

ஆ) 'பராபரக்கண்ணி' பாடல் செய்திகளை விளக்குக?

4. அ) 'பழமொழி நானூறு' பாடல் தரும் செய்திகளை விளக்குக?

(அல்லது)

ஆ) ஆகுபெயர் என்றால் என்ன? அதன் வகைகளை விளக்குக?

பகுதி - இ

III. அனைத்து வினாக்களுக்கும் 600 சொற்களில் விடை தருக.
(1X8=8)

5. அ) 'நட்பு' குறித்து நாலடியார் கூறும் கருத்துகளைக் கட்டுரைக்க.
(அல்லது)

ஆ) நம் பாடப்பகுதியிலுள்ள சைவசமயப் பாடல்களின் கருத்துகளைத் தொகுத்துரைக்க.

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HOB
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Jaya Lakshmi

Principal
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அன்னை ஹாஜிரா பெண்கள் கல்லூரி, மேலப்பாளையம்
நான்காம் பருவம் - இரண்டாம் உள்மதிப்பீடு மார்ச் 2020
இரண்டாம் ஆண்டு கணிதவியல்/இயற்பியல்/வேதியியல்
ஆங்கில இலக்கியம்

பொதுத்தமிழ் தாள் - I

Sub.code : S1TL41

நாள் : 03.03.2020

நேரம் : 1 மணி

மதிப்பெண் : 20

I சரியான விடையைத் தேர்வு செய்க.

(2x 1= 2)

1. “கன்றும் உண்ணாது கலத்தினும் படாது” என்று தொடங்கும் பாடலின் ஆசிரியர் யார்?
அ) நச்செள்ளையார்
ஆ) வெள்ளிவீதியார்
இ) ஓளவையார்
ஈ) காக்கைப்பாடியார்
2. “தே” எனும் ஓரெழுத்து ஒருமொழியின் பொருள் என்ன?
அ) தலைவன்
ஆ) மன்னன்
இ) கடவுள்
ஈ) சான்றோன்

பகுதி - ஆ

II. அனைத்து வினாக்களுக்கும் 250 சொற்களில் விடை தருக.

(2X5 =10)

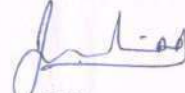
3. அ) செம்புலப் பெயனீராரின் குறுந்தொகைப் பாடலை விளக்குக.
(அல்லது)
ஆ) கலித்தொகையில் தோழிக்கூற்றாக அமைந்த பாடலை விளக்குக.
4. அ) பெருஞ்சித்திரனார், குமண வள்ளலைப் புகழ்ந்து பாடிய பாடாண்திணைப் பாடலை விளக்குக.?
(அல்லது)
ஆ) பதிற்றுப்பத்தில் எட்டாம்பத்தில் அமைந்த நிறம்படுகுருதிப் பாடலை விளக்குக?

பகுதி - இ

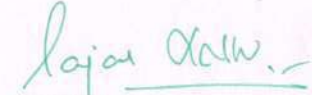
III. அனைத்து வினாக்களுக்கும் 600 சொற்களில் விடை தருக.

(1X8=8)

5. அ) ஐங்குறுநூற்றில் நெய்தல் திணையில் அமைந்த நும் பாடப்பகுதியை விளக்குக?
(அல்லது)
ஆ) முல்லைப்பாட்டின் நிகழ்வுகளைத் தொகுத்துரைக்க.


QPS


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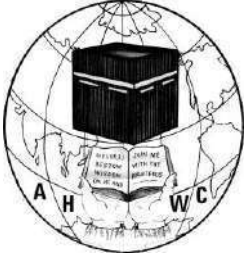


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ANNAI HAJIRA WOMEN'S COLLEGE, MELAYALAYAM
II SEMESTER, II INTERNAL TEST – MARCH 2020
I B.COM *Bata I*
FINANCIAL ACCOUNTING – II

Duration: 1 Hr.
Marks: 20

Subject Code: SMCO21
Date: 06.03.2020

Part- A (2 X 1 = 2 marks)

I. Choose the correct answer

1. Joint venture account is a ----- account.

- (a) Personal
- (b) Real
- (c) Nominal
- (d) None

2. Subscription received in advance is -----

- (a) an Asset
- (b) an Income
- (c) a Liability
- (d) None of the above

PART –B (2 X 5 = 10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Amount is lent in various installments.

X owes Y the following sums of money on the dates stated below

Rs.400	due on 05.01.2018
Rs.200	due on 20.01.2018
Rs.800	due on 04.02.2018
Rs.100	due on 26.02.2018
Rs.50	due on 10.03.2018

Calculate the average due date.

(OR)

(b) What is average due date? How it is calculated?

4.(a) Mr.Babu had the following transactions with Suba during the year 2017

			Rs.
July	1	Balance due from Suba	600
July	15	Send goods to Suba	1900
Aug	10	Received cash from Suba	1100
Aug	19	Purchased goods from Suba	700
Sep	3	Returned goods to Suba	300
Sep	16	Received cash from Suba	500

Prepare Account Current to be rendered by Babu to Suba as on 30th Sep 2017, calculating interest at 10% per annum.

(OR)

(b). From the following find how much is to be shown in Income and expenditure account for the year ending 31.12.2018 for subscriptions.

Rs.

Subscription received during the year as per receipts and payments account	28,680
Subscription outstanding on 01.01.2018	2,400
Subscription outstanding on 31.12.2018	3,000
subscription received in advance on 1.1.2018	1,800
Subscription received in advance on 31.12.2018	1,080

PART –C (1 x 8=8 marks)

III. Answer all the questions choosing either (a) or (b)

5.(a) From the following details prepare an Income and Expenditure Account and Balance sheet for the year ending 31st December 2018.

Receipts and payment Account

Receipts	Amount	Payment	Amount
To Balance	250	By Salaries	1200
To Subscription for		By General	
2017 250		expenses	300
2018 1000		By Electricity	200
2019 200	1450	By Books	100
		By Newspapers	400
To Sale of old		By Postage	50
furniture		By Furniture	250
(cost Rs.100)	60	By balance c/d	500
To Rent received	740		
To Entertainment	400		
gains			
To Sale of newspapers	100		
	3,000		3,000

Additional Information

- (i) The club has 50 members each paying an annual subscription of Rs.25. Subscriptions outstanding on 31st December 2017 were Rs.300.
- (ii) On December 31, 2018 salaries outstanding amounted to Rs.100.Salaried paid include Rs.100 for the year 2017.
- (iii) On 01.01.2018 the club owned land and building valued at Rs.10,000 furniture Rs.600 and books Rs.500.

(OR)

(b) Sathish and Saravanan under took jointly to construct a building for a contract price of Rs.3,00,000. A joint bank account was opened by them in their joint names in which Sathish paid Rs.1,00,000 and Saravanan Rs.50,000. Profit and Loss is to be distributed in the ratio of 2:1. The details of transactions are given below

	Rs.
Wages	80,000
Materials purchased	1,60,000
Materials supplied by Sathish	10,000
Architect fees paid by Sathish	4,000
Materials supplied by Saravanan	8,000

After the completion of contract, the price was duly received. There was unused materials valued Rs.10,000 and this was taken over by Sathish. Prepare Joint venture account, Joint bank account, Sathish and Saravanan account.

A. Syedul Fakhira
QPS

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H.O.D

Lajja Rathi
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II SEMESTER, II INTERNAL TEST – MARCH 2020
I B.COM - *Batch I*
PRINCIPLES OF MANAGEMENT

Duration: 1 hr
Marks: 20

Subject Code: SMCO22
Date: 07.03.2020

PART – A (2×1=2marks)

I. Choose the correct answer

1. Policies are taken by ----- level management

- (a) Top
- (b) Lower
- (c) Middle
- (d) All the above

2. Repetitive decisions are also known as -----

- (a) Routine decision
- (b) Minor decision
- (c) Major decision
- (d) Committee decision

PART – B (2×5=10marks)

II. Answer the following

3. (a) What is MBO? What is its significance?

(OR)

(b) Explain the various decision making techniques.

4. (a) Explain the types of policies.

(OR)

(b) Describe the structure of decision tree.

PART – C (1×8=8marks)

III. Answer the following

5. (a) Explain the different steps involved in planning process.

(OR)

(b) What are the factors influencing decision making?

Shree Ram?
QPS

asit
H.O.D

Lijal Chellu
Principal
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II SEMESTER, II INTERNAL TEST - MARCH 2020

I B.COM - *Batch I*

MARKETING

Duration: 1 Hr.

Subject Code: SACO21

Marks: 20

Date: 9.03.2020

Part- A (2 X 1 = 2 marks)

I. Choose the correct answer

1. ----- is a function involving preservation of goods between the time of production and the time of consumption

- (a) Buying
- (b) Selling
- (c) Storage
- (d) Assembling

2. ----- pricing involves a high introductory price in the initial stage to skim the cream demand.

- (a) Geographical
- (b) Penetration
- (c) Skimming
- (d) Psychological

PART - B (2 X 5 = 10 marks)

II. Answer all the questions choosing either (a) or (b)

3.(a) Explain the importance of Marketing Information System.

(OR)

(b) Explain the concept of Target marketing.

4.(a) What are criteria for Market Segmentation?

(OR)

(b) Explain Product positioning and brand positioning.

PART - C (1 x 8 = 8 marks)

III. Answer all the questions choosing either (a) or (b)

5.(a) Explain the various approaches of Market segmentation.

(OR)

(b) Enumerate the Product mix strategies.

V. S. Srinivasan
QPS

QPS
HOD

Lajani Adithyana
Principal

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II SEMESTER, II INTERNAL TEST – MARCH 2020
I B.COM – Batch 2
VALUE BASED EDUCATION

Duration: 1 hr
Marks: 20

Subject Code: SVBE21
Date: 11.03.2020

PART – A (2×1=2marks)

I. Choose the correct answer

1. Women's issue was raised for the first time in ----- century.
(a) 19th
(b) 18th
(c) 17th
(d) 20th
2. Street children are subject to -----
(a) Abuse
(b) Neglect
(c) Exploitation
(d) all of the above

PART – B (2×5=10marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Write an overview in Women's rights.
(OR)
(b) Explain about rights of children.
4. (a) Describe the role of UNO in the protection of Women's right.
(OR)
(b) Explain the concept and types of child abuse.

(RT – C (1×8=8marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) What do you understand by the concept 'need and achievement of women empowerment'?

(OR)

- (b) Explain the child labour and suggest steps to eliminate child labour in India.

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S.S. Jath
QPS

[Signature]
H.O.D

[Signature]
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IV SEMESTER, II INTERNAL TEST – MARCH 2020

II B.COM – Batch I

ADVANCED FINANCIAL ACCOUNTING II

Duration: 1 Hr.

Subject Code: SMCO41

Marks: 20

Date: 03.03.2020

PART -A

(2X1=2 marks)

I. Choose the correct answer

1. The premium goodwill paid by the new partner must be shared by the old partners in ----- ratio.

- a) Old ratio
- b) Sacrificing ratio
- c) New ratio
- d) Equal ratio

2. Joint Life Policy account is-----

- a) Nominal account
- b) Personal account
- c) Real account
- d) Capital account

PART -B

(2 X5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Explain the Joint Life Policy and several life Policy and treatment of that.

(OR)

(b) Jennie and Dennie are partners sharing profits in the ratio of 7:3. Dalphine was admitted as a partner. Jennie surrendered $\frac{1}{7}$ th of his share while Dennie $\frac{1}{3}$ of his share towards Daphine. Compute new ratio.

4. (a) Iniya and Kavya are partners sharing profits and losses as 7:5. Divya is admitted as a partner on the condition that Divya should bring Rs.20,000 as Capital and pay Rs.15,000 as premium for goodwill. The future profit sharing among the partners 9:6:5. Give journal entries.

(OR)

(b) A, B and C were partners sharing profits and losses in the ratio 2:2:1. On 1st July 2017 their goodwill was valued at Rs.30,000 there being no account for it in the books. On this date B retires. Pass Journal entries to record goodwill if

- a) Goodwill is raised in the books
- b) Goodwill is raised and not allowed to remain in books
- c) Only B's share is recorded and written off
- d) No account is raised for Goodwill.

PART -C

(1 x 8=8 marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) The following is the Balance sheet of A and B who share profits and losses 3:2 respectively.

Liabilities	Rs	Assets	Rs
Sundry Creditors	2,500	Land and Building	3,500
Capital Accounts:		Plant	4,500
A 8,000			
B 3,500	11,500		
		Sundry Debtors 2,200	
		Less Provisions 200	2,000
		Stock	3,500
		Cash at Bank	500
	14,000		14,000

They agreed to admit C into partnership giving him a fifth share on the following term:

- a) The value of land and building to be increased by Rs.1,500.
- b) The value of Plant to be increased by Rs.1,000
- c) Goodwill of the firm to be valued Rs.2,000.
- d) C to bring in capital to the extent of $\frac{1}{5}$ th of the total capital of the new firm after adjustment.

Prepare the balance sheet of the new firm.

(OR)

(b) The firm of three partners A, B and C sharing profits and losses in the ratio of 2:2:1 took out a Joint Life Policy on 1st January 2011 for Rs.30,000 in consideration of an annual premium of Rs.750. A died on 30th March 2014 and the policy amount was received the next day.

The surrender value of the policy was as follows:
2011 -Nil; 2012 -Rs.230; 2013- Rs.380. Draft the necessary journal entries and show the Joint Life Policy account and Joint Life Policy Reserve account, assuming that the firm closes its accounts on 31st December.

V. Nagayya
QPS

[Signature]
H.O.D

Saini Datta
Principal

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 IV SEMESTER, II INTERNAL TEST – MARCH 2020
 II B.COM – Batch I

BUSINESS MATHEMATICS

Duration: 1 Hr.
 Marks: 20

Subject Code: SMCO42
 Date: 04.03.2020

Part- A (2 X 1 = 2 marks)

I. Choose the correct answer

1. $\sqrt[5]{7^3}$ can be written as-----
 (a) $7^{-3/5}$
 (b) $7^{3/5}$
 (c) $7^{5/3}$
 (d) 7^0

2. A matrix with equal number of rows and columns is called -----
 (a) Square Matrix
 (b) Rectangular Matrix
 (c) Index
 (d) Row Matrix

PART – B (2 X 5 = 10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Evaluate the following

(i) $3^{2/5}, \sqrt[3]{96}, 81^{-2/5}$

(ii) $\sqrt[3]{x^{15}y^{15/2}z^{-15/4}}$

(OR)

(b) Evaluate

$(\log_3 81) (\log_{243} 9) (\log_{27} 729)$

4.(a) If $A = \begin{bmatrix} 1 & 4 & 0 \\ 2 & 3 & -2 \end{bmatrix}$ and $B = \begin{bmatrix} 2 & 2 & 3 \\ 1 & 1 & 5 \end{bmatrix}$

Calculate (i) $2A - 3B$ (ii) $3A + B$

(OR)

(b) If $A = \begin{bmatrix} 1 & 3 & 1 \\ 4 & -5 & 7 \\ 3 & 5 & 2 \end{bmatrix}$, $B = \begin{bmatrix} 1 & 2 & 2 \\ 4 & 3 & 6 \\ 2 & -3 & 1 \end{bmatrix}$

Show that $(A+B)^2 = A^2 + B^2$

PART – C (1 x 8 = 8 marks)

III. Answer all the questions choosing either (a) or (b)

5.(a) $\left[\frac{8^2 2^{-3} \sqrt{2^5}}{\sqrt{2} 2^{-3/2} \sqrt{2}} \right]^4 + \left[\frac{16^{2/5} 2^{-3/2} \sqrt{2^5}}{4^{-1/3} 2^{-4/3} \sqrt{2^3}} \right]^{-5}$

(OR)

(b) If $A = \begin{bmatrix} 2 & 6 \\ 3 & 4 \end{bmatrix}$, $B = \begin{bmatrix} 1 & 2 & 1 \\ 0 & -4 & -2 \end{bmatrix}$, $C = \begin{bmatrix} 3 & 1 \\ 2 & -4 \\ 1 & 0 \end{bmatrix}$

Verify that $A(BC) = (AB)C$

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IV SEMESTER, II INTERNAL TEST – MARCH 2020

II B.COM – Batch I
CAPITAL MARKET

Duration: 1 Hr.

Subject Code: SMCO43

Marks: 20

Date: 05.03.2020

Part- A

(2 X 1 = 2 marks)

I. Choose the correct answer

1. Primary market is also known as -----

- (a) New issue market
- (b) Secondary market
- (c) Both
- (d) none

2. FPO stands for -----

- (a) Follow on Public offer
- (b) Follow Public offer
- (c) First public offer
- (d) none

PART – B

(2 X 5 = 10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Define prospectus.

(OR)

(b) Who are the intermediaries in Primary market?

4. (a) What do you mean by underwriting?

(OR)

(b) What do you understand by over subscription?

PAF - C

(1 x 8 = 8 marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Explain the process of book building.

(OR)

(b) Discuss the procedures for the IPO.

R. Ajay
QPS

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IV SEMESTER, II INTERNAL TEST – MARCH 2020
II B.COM- Batch I

IMPORT AND EXPORT PROCEDURES

Duration: 1 hr

Subject Code: SMCO44

Marks: 20

Date: 06.03.2020

PART – A

(2×1=2marks)

I. Choose the correct answer

1. The balance of payments is always _____.

- (a) Unfavourable
- (b) Balanced
- (c) Deficit
- (d) Favourable

2. The Export (Quality control and Inspection) Act was passed in _____.

- (a) 1963
- (b) 1964
- (c) 1965
- (d) 1966

PART – B

(2×5=10marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) Distinguish between Balance of Trade and Balance of Payments.

(OR)

(b) Explain the features of Letter of credit.

4. (a) What are the components of Balance of payments ?

(OR)

(b) Explain different categories of export.

PART : (1×8=8marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) What is Exchange control? Explain its objectives.

(Or)

(b) Explain the procedure for export.

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QPS

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II B.COM - Batch I
COMPUTER APPLICATION IN BUSINESS

Duration: 1 hr
Marks: 20

Subject Code: SACO41
Date: 07.03.2020
PART – A (2×1=2marks)

I. Choose the correct answer

1. Paperless exchange of business information is _____
- (a) E - Advertising
 - (b) E - Commerce
 - (c) E - Marketing
 - (d) E - Shopping
2. _____ is an inter – organizational exchange of business documents in structured and machine process able format
- (a) Internet
 - (b) Intranet
 - (c) Extranet
 - (d) All of these

PART – B (2×5=10marks)

II. Answer the following

3. (a) What are the advantages of E – Commerce?
(OR)
(b) Write short note on
- (i) E – Cash
 - (ii) E - Cheque

4. (a) What are the difference between Traditional commerce and E-Commerce?

(OR)

- (b) What are the various types of electronic payment system?

PART – C (1×8=8marks)

III. Answer the following

5. (a) Explain the Business Models of E – Commerce.
(OR)
(b) Describe the mercantile process model.


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II B.Com - Batch I

ENTREPRENEURSHIP DEVELOPMENT

Duration: 1 Hr.

Subject Code: SSCO4A

Marks: 20

Date: 09.03.2020

Part- A (2 X 1 =2 marks)

I. Choose the correct answer

1. A project appraisal is -----
(a) Formulation of ideas
(b) Evaluation of performance
(c) Assessing deficiency
(d) None of the above
2. The expansion of PERT is -----
(a) Programme Evaluation and Review technique
(b) Project Evaluation and Review technique
(c) Project Evaluation and Review testing
(d) Plan Evaluation and Review technique

PART -B (2 X 5 =10 marks)

II. Answer all the questions, choosing either (a) or (b)

3. (a) What are the problems faced by rural entrepreneur?
(OR)
(b) What are the causes of sickness?
4. (a) Define Financial Appraisal.
(OR)
(b) Distinguish between Fixed and working capital.

Part -C

(1 x 8=8 marks)

III. Answer all the questions choosing either (a) or (b)

5. (a) Enumerate the steps involved in starting a small industry.
(OR)
(b) Briefly discuss various sources of finance.

A. Syedul Fathima
QPS

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VI SEMESTER, II INTERNAL TEST – MARCH 2020

IIIB.COM – Batch I

MANAGEMENT ACCOUNTING

Duration: 1 Hr

Subject Code: SMC062

Marks : 20

Date: 05.03.2020

PART –A

I Choose the best answer (2 X 1=2 marks)

- 1) Issue of debentures for cash results in _____.
(a) Decrease in cash
(b) Increase in cash
(c) No impact
(d) Either (a) or (b)

- 2) Under Pay Back Method a project would be accepted if the payback period is _____.
(a) High
(b) Low
(c) Medium
(d) zero

PART –B

II Answer the following: Choose either (a) or (b)

(2 X 5=10 marks)

3.(a) What is Cash flow statement? List out its objectives

(OR)

(b) Calculate cash from operation:

Raja Ltd earned a profit of Rs.1,00,000 after charging or crediting the following items to its Profit and Loss A/c during the year 2016. The

following data are also available:

	Rs.
Profit on sale of Building	600
Provision for taxation	1,000
Depreciation	2,000
Preliminary expenses Written off	400
Loss on sale of machinery	1,500

The following additional details are available

	2018	2019
	Rs.	Rs.
Bills payable	2,000	3,000
Creditors	4,000	3,000
Outstanding expenses	500	400
Bills receivable	6,000	5,000
Stock	2,000	1,500
Income received in advance	300	200
Prepaid	800	700
Debtors	3,000	3,500

Calculate cash from operation.

4. (a) What are the need and importance of Capital budgeting decisions?

(OR)

(b) Determine the Pay Back Period for a payment which requires the following:

Particulars	Amount in Rs.
Cash outlay	20,000
Cash inflows	
I year	6,000
II year	8,000
III year	6,000
IV year	10,000

PART - C

III Answer the following: Choose either (a) or (b) (1 X 8=8 marks)

5. (a) From the following information prepare a Cash flow statement

Balance sheet as on 31.03.2019

Liabilities	2018 Rs.	2019 Rs.	Assets	2018 Rs.	2019 Rs.
Share capital	10,000	10,000	Goodwill	1,200	1,200
General reserve	1,400	1,800	Land	4,000	3,600
Profit & Loss a/c	1,600	1,300	Buildings	3,700	3,600
Creditors	800	540	Investments	1,000	1,100
O/S expenses	120	80	Inventories	3,000	2,340
Provision for tax	1,600	1,800	Debtors	2,000	2,220
Provision for doubtful debts	40	60	Cash at bank	660	1,520
Total	15,560	15,580	Total	15,560	15,580

1. A piece of land has been sold for Rs.400
2. Depreciation of Rs.700 has been charged on buildings.
3. Provision of Rs.1,900 was made for taxes.

(OR)

(b) A company has to choose one of the two mutually exclusive projects. Investments required for each project is Rs.2,00,000. Both the projects have to be depreciated on straight line basis. The tax rate is 50%.

Year	Profit before depreciation	
	Project M	Project N
1	45,000	45,000
2	50,000	60,000
3	70,000	65,000
4	80,000	45,000
5	40,000	80,000

Calculate payback period for each project.

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Jajal Chellu
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VI SEMESTER, II INTERNAL TEST – MARCH 2020
III B.COM - Batch I
CORPORATE ACCOUNTING II

Duration: 1 Hr.
 Marks: 20

Subject Code: SMCO61
 Date: 03.03.2020
 (2 X 1 = 2 marks)

Part- A

I. Choose the correct answer

- A Holding Company is a company which holds -----
 (a) 100% shares of the Subsidiary company
 (b) More than 50% of the shares of Subsidiary company
 (c) Exactly 50% of the shares of the Subsidiary company
 (d) Less than 50%
- Under traditional, accounting the amount spent on human resource is treated as an-----
 (a) expenses
 (b) income
 (c) loss
 (d) profit

PART – B (2 X 5 = 10 marks)

- II. Answer all the questions choosing either (a) or (b)**
- (a) Define human resource accounting. Explain the objectives of this system.
 (OR)
 (b) What are the merits and demerits of human resource accounting?

4.(a) From the following Balance sheets of Holding company and Subsidiary company, prepare a Consolidated Balance Sheet of holding company and its subsidiary company.

BALANCE SHEET AS ON 31ST MARCH 2019

Liabilities	HC	SC	Assets	HC	SC
Share capital in shares of Rs.10 each	20,00,000	10,00,000	Assets	25,00,000	12,00,000
Liabilities	15,00,000	2,00,000	Investments: 1,00,000 shares of Rs.10 each of subsidiary company	10,00,000	
	35,00,000	12,00,000		35,00,000	12,00,000

(OR)

(b) Consolidate the following Balance sheets.

	HC	SC		HC	SC
Capital Re. 1 shares	1,400	1,000	900 shares in S at cost	1,200	-
Creditors	-	500	Sundry Assets	200	1800
Profit & Loss a/c	-	300			
	1,400	1,800		1,400	1,800

When H Ltd acquired the shares in S Ltd, the profit and loss account in the latter had a credit balance of Rs. 200.

PART – C (1 x 8 = 8 marks)

- III. Answer all the questions choosing either (a) or (b)**
- (a) Explain

- Cost of Capital
- Capital profit and Revenue profit
- Minority Interest

(OR)

b) The following are the summarized balance sheets of Imperial Co. Ltd and Colonial Co. Ltd on 31st December 2018:

Particulars	Im. Co. Ltd	Colonial Co. Ltd	Particulars	Im. Co. Ltd	Colonial Co. Ltd
Paid up capital in shares of Rs. 10 each	10,00,000	3,00,000	Freehold premises	4,50,000	1,20,000
General Reserve	4,00,000	1,25,000	Plant and Machinery	3,50,000	1,60,000
Profit and loss A/c	3,00,000	1,75,000	Furniture	80,000	30,000
Sundry creditors	1,00,000	70,000	Stock	3,20,000	1,60,000
			Investment in 20,000 shares in Colonial Co. Ltd at cost	2,60,000	-
			Cash Balance	40,000	30,000
	18,00,000	6,70,000		18,00,000	6,70,000

You are required to prepare a consolidated balance sheet as on 31-12-2018 showing in detail necessary adjustments and taking into consideration the following information:

- Imperial Co. Ltd acquired the shares of Colonial Co. Ltd on 1-1-2018 when the balances on their profit and loss account and general reserve were Rs. 75,000 and Rs. 80,000 respectively.
- Stock of Rs. 1,60,000 held by Colonial Co. Ltd consists of 60,000 goods purchased from Imperial Co. Ltd who has charged profit at 25% on cost.

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VI SEMESTER, II INTERNAL TEST – MARCH 2020

IIIB.COM – Batch I

INDUSTRIAL LAW

Duration: 1 Hr.

Subject Code: SMCO63

Marks : 20

Date: 07.03.2020

PART –A (2 X 1=2 marks)

I Choose the best answer

1. In a factory wherein more than _____ workers are ordinarily employed a canteen shall be established for the use of workers

- (a) 50
- (b) 100
- (c) 20
- (d) 250

2. If a workman is in service for a continuous period of not less than _____ months and contracts any disease stated in schedule III, he is entitled for compensation.

- (a) 3
- (b) 6
- (c) 9
- (d) 12

PART –B (2 X 5=10 marks)

II Answer the following: Choose either (a) or (b)

3. (a) Define the following terms as per the factories act

- (i) Factory
 - (ii) Workers
 - (iii) Manufacturing process
 - (iv) Occupier
- (OR)

(b) Explain the provisions of factories act relating to safety of the workers.

4. (a) What is the method of calculating wages under the workmen's compensation act?

(OR)

(b) State the rules relating to the employment of young persons in factories act.

PART –C

(1 X 8=8 marks)

III Answer the following: Choose either (a) or (b)

5. (a) Explain the following

- (i) Weekly Holidays
- (ii) Annual Leave with wages
- (iii) Certifying surgeons and duties.


(OR)

(b) What is the method of calculating wages under Workmen's Compensation Act and how does partial disablement differ from total disablement?


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VI SEMESTER, II INTERNAL TEST – MARCH 2020

III B.COM - *Batch I*
AUDITING

Duration: 1 hr
Marks: 20

Subject Code: SMCO64
Date: 09.03.2020

PART – A (2×1=2marks)

I. Choose the correct answer

1. _____ reduces the work of an auditor to a greater extent.

- (a) Internal audit
- (b) Trial Balance
- (c) Internal check
- (d) Test check

2. A letter of conformation from a debtor is a _____

- (a) Collateral Voucher
- (b) Primary Voucher
- (c) Voucher
- (d) Documents

PART – B (2×5=10marks)

II. Answer the following

3. (a) State the advantages of Internal Control.

(OR)

(b) Define Vouching. State its Objectives.

4. (a) What are the differences between internal control and internal audit?

(OR)

(b) What factors to be kept in mind while examining vouchers?

PART – C (1×8=8marks)

III. Answer the following

5. (a) What are the principles of internal check?

(OR)

(b) How would you vouching the cash transaction?

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VI SEMESTER, II INTERNAL TEST – MARCH 2020

III B.COM ← Batch I

INCOME TAX LAW AND PRACTICE II

Duration: 1 Hr.

Subject Code: SECO6A

Marks: 20

Date: 11.03.2020

PART- A

(2 X 1 =2 marks)

I. Choose the correct answer

1. An individual received family pension 60,000. How much standard deduction shall be allowed to him.

- (a) 20,000
- (b) 25,000
- (c) 40,000
- (d) 15,000

2. Income from subletting of House property is-----

- (a) Income from other sources
- (b) Property Income
- (c) Exempted
- (d) Capital gains

PART –B

(2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3.(a) Write any two items taxable under the head "Income from other sources"

(OR)

(b) What is sub-letting?

4.(a) Asha a resident individual received in cash the following income as interest on securities during the previous year ending on 31st March, 2019:

8000, as interest on Government securities

7200, as interest on debentures issued by the local authority

7200, as interest on debentures of Meghdoot (not listed at any stock exchange)

7200, as interest on Tax free debentures of Gunjan Electricals limited (not listed on any stock exchange)

Determine the income under the head "Income from other sources" for the Assessment year 2019-2020 assuming that the interest is paid in each case on 30th June and 31st December.

(OR)

(b). Calculate income from other sources from the following assuming all commercial securities are listed securities

- a. 3,50,000 invested in 10% less-tax Government Securities
- b. 3,00,000 invested in 8% tax-free commercial securities
- c. 3,50,000 invested in 10% less-tax commercial securities
- d. 12,000 received as interest from less-tax commercial securities.

PART –C

(1 x 8=8 marks)

III. Answer all the questions choosing either (a) or (b)

5.(a) Explain about Bond washing Transactions.

(OR)

(b) Mr. Lalit an ordinarily resident in India earned the following incomes during the financial year 2018- 19

Directors fees	2,000
Income from agricultural land in Pakistan	5,000
Ground rent for land in Pathankot	10,000
Interest on Postal savings bank account	100
Interest on deposits with IFCI	500
Dividend from foreign company	700
Rent from subletting a house	26,850
Rent payable by Mr. Lalit for the sub-let house	12,000
Other expenses incurred on this sub-let house	1,000
Winnings from Race-course	12,300
Interest on securities	4,000

You are required to calculate Income from other sources of

Mr. Lalit for the Assessment year 2019-2020

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II Internal Test - March 2020- II Semester
I-B.Com - Batch 5
Principles of Management

Sub Code:SMCO22

Marks: 20

Date : 07.03.2020

Time : 1 Hr.

PART A

1. Choose the correct answer (2×1 = 2)

1. Standing Plans are also known as ____ plan

- (a) Repeated Use
- (b) Single Use
- (c) Particular Situation
- (d) None

2. _____ is an example of for single use plans

- (a) Programme
- (b) Objectives
- (c) Rules
- (d) Procedure

PART B

II. Answer ALL the questions either (a) or (b) (2×5 = 10)

3. (a) Discuss the features of Planning.

(OR)

(b) Define forecasting and explain steps in forecasting.

4. (a) Enumerate MBO and state its principles.

(OR)

(b) Enumerate qualities of management.

PART C

II. Answer ALL the questions either (a) or (b) (1×8 = 8)

5. (a) Explain the types of plan (OR)

(b) Describe the elements of a good planning.

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Annai Hajira Women's College, Melapalayam
 IV Semester , II Internal - March 2020
 Business Mathematics
 I B.Com- Batch I

Sub Code : SMCO42

Marks: 20

Date : 04.03.2020

Time : 1 Hr.

PART A

I. Choose the correct answer

(2 × 1 = 2)

1. $A = \begin{pmatrix} 2 & 4 \\ 3 & 1 \end{pmatrix}$ and $B = \begin{pmatrix} 1 & 2 \\ 2 & 3 \end{pmatrix}$ then $A+B$ is

(a) $\begin{pmatrix} 3 & 5 \\ 3 & 6 \end{pmatrix}$

(b) $\begin{pmatrix} 2 & 3 \\ 1 & 1 \end{pmatrix}$

(c) $\begin{pmatrix} 3 & 2 \\ 1 & 1 \end{pmatrix}$

(d) $\begin{pmatrix} 3 & 6 \\ 5 & 4 \end{pmatrix}$

2. $\log_2 6 + \log_2 4 - \log_2 12$ is equal to-----

- (a) 1
- (b) $\log_2 12$
- (c) $\log_2 5$
- (d) -2

PART B

II. Answer ALL the questions either (a) or (b) (2 × 5 = 10)

3. (a) $\log_{10} 800 = 2 + 3 \log_{10} 2$

(OR)

(b) Solve $\log_2 X \cdot \log_3 Y \cdot \log_4 Z = 1$

4. (a) $A = \begin{pmatrix} 1 & 3 & -2 & 5 \\ 3 & 1 & 2 & 6 \end{pmatrix}$

$B = \begin{pmatrix} 4 & 7 & 1 & 3 \\ 2 & 5 & 2 & -3 \end{pmatrix}$

Find $3A + 4B$ and $4A - 3B$.

(OR)

(b) Find x, y and z if

$$\begin{pmatrix} x+3 & 3x-2y \\ -3x-2 & x+y+z \end{pmatrix} = \begin{pmatrix} 2 & -7+2y \\ y+4 & 2x \end{pmatrix}$$

PART C

II. Answer ALL the questions either (a) or (b) (1 × 8 = 8)

5. (a) $\log_2 X + \log_4 X + \log_{16} X = \frac{21}{4}$, find X (OR)

(b) If $A = \begin{pmatrix} 1 & 5 & 2 \\ 3 & -2 & 4 \\ 6 & 2 & 1 \end{pmatrix}$ find the inverse of A

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Additional information:

- (i) The club has 50 members each paying an annual subscription of Rs25. Subscriptions outstanding on 31st December 1990 were Rs300.
- (ii) On December 31, 1991 salaries outstanding amounted to Rs100. Salaried paid include Rs100 for the year 1998.
- (iii) On 1.1.1991 the club owned land and building valued at Rs 10,000; furniture Rs 600 and books Rs 500.

(OR)

(b) Write the three specimen ledgers of self balancing system.

T. Adlin
QPS


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IV Semester, II- Internal Test - March 2020
I B.Com - Batch II

MARKETING

Sub.Code : SACO21
Date : 09.03.2020

Marks : 20
Duration : 1 Hour

PART - A

I. Choose the correct Answer: (2 x 1 = 2)

1. _____ is the point at which there is no profit or loss

- a) Margin of safety
- b) Breakeven point
- c) Contribution
- d) Distribution

2. A collection of all products offered for sale by a company is _____

- a) Product Item
- b) Product mix
- c) Product Line
- d) Product positioning

PART - B

II. Answer ALL the questions either (a) or (b) (2 x 5 = 10)

3.(a) What are the different methods of collecting information?

(OR)

(b) Define the term product.

4.(a) What are the objectives of pricing?

(OR)

(b) What are the characteristics of packaging?

PART - C

III. Answer ALL the questions either (a) or (b): (1x 8 = 8)

5. (a) What are the factors affecting marketing mix?

(OR)

(b) Define the term product mix. Explain the factors which influence the product mix.

B. S. Selvaraj
QPS
(B. VANDIMALAICHI
(B.SELVI))

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IV Semester, II Internal Test –MARCH 2020
ADVANCED FINANCIAL ACCOUNTING

II B.Com- Batch II

Sub Code :SMCO41

Marks : 20

Date : 03.03.2020

Duration : 1 Hour

PART - A

I. Choose the correct Answer: (2 x 1 = 2)

- If the retiring partner is not paid off immediately amount due to him is transferred to _____
 a) Partner's Capital a/c
 b) Suspense a/c
 c) Partner's Loan a/c
 d) None
- The amount transferred to the executor's account carried interest _____
 a) 6% P.a
 b) 8% P.a
 c) 10% P.a
 d) 11% P.a

PART - B

II. Answer ALL the questions either (a) or (b) (2 x 5 = 10)

- E, F and G are partners sharing profits in the ratio of 5:3:2 on 1st Jan 2002 "F" wanted to retire. On account of the they decided to revalue assets and liabilities as below:
 a) Appreciate premises by Rs.18,000
 b) Depreciate stock by Rs.1,000, Furniture by Rs.500 and machinery by Rs.2,300
 c) Provide for an outstanding liability for Rs.200
 Give necessary entries and prepare revaluation account.

(OR)

b) P, Q and R are partners sharing profits in the ratio of 5:3:2. R retires and his share is taken by P and Q equally. Find out the New ratio.

4.a) Arun retires from the partnership in Jan1, 2003 other partners settle the amount due to Arun in three equal annual instalment with interest at 5% the amount due to Arun on 1.1.2003 was Rs.30,000. Prepare the loan account of Arun.

(OR)

b) A and B are equal partners in a firms, the firm had insured the partners lives separately for Rs.10,000 and Rs.12,000. On 1.8.2007 "A" died on which date the surrender value of A's Policy was Rs.3,800 and that of B's policy was Rs.4,200.

Find out the policy amount to be paid to A's Executors.

PART - C

III. Answer the question either (a) or (b): (1x 8 = 8)

5. a) X and Y are partners in a business sharing profit and loss as X 3/5 and Y 2/5, Their Balance sheet as on 1st April 2000 as follows:

Liabilities	Rs	Assets	Rs
Capital:		Plant & Machinery	39,500
X - 40,000		Furniture & Fittings	10,000
Y - 35,000	75,000	Stock	26,000
Reserve	15,000	Debtors	15,000
Creditors	7,500	Closing Balance at bank	6,000
		Cash in hand	1,000
	97,500		97,500

Y Contemplates to retire from the business owing to illness and X takes it over. The following revaluation is made:

- The goodwill of the firm is valued at Rs.15,000.
- Depreciate: Plant and machinery by 7 1/2% and stock by 10%
- A Bad debts provision is raised against debtors at 5% and a discount reserve against creditors at 2 1/2% close the partner's accounts give also the balance sheet of X.

(OR)

b) Sun, Light and Rain are partners in a partnership firm sharing profits and losses equally. Rain died on 31.3.2006 and the partnership deed provided that

a) Share of deceased partner's capital account shall be taken as the balance on the capital account on the last day of the preceding financial year less drawing if any up to the date of death

b) That his share of profit to the date of death shall be calculated on the basis of the average profit of the preceding 5 years.

c) That the goodwill of the firm shall be taken at once year's purchase based on the average profit of the preceding 5 years.

d) That the firms freehold property shall be taken at an independent valuation free hold property was valued at Rs.36,000

The firms Balance sheet as on 31.12.2005 is given below:

Liabilities	Rs	Assets	Rs
Creditors	5,000	Cash at bank	6,000
Capital :		Debtors	15,000
Sun	20,000	Stock	14,000
Light	20,000	Freehold property	30,000
Rain	20,000		
	65,000		65,000

The Profit for the 5 years ended 31.12.2005 were 2001 – Rs.4,000 , 2002 – Rs5,000, 2003 – Rs9,000, 2004 – Rs12,000, 2005 – Rs15,000.

Show Rain's capital and the balance sheet of the partners.


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(BSECVI)


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IV SEMESTER, II INTERNAL EXAMINATION – MARCH 2020

II-B.COM - Batch II
CAPITAL MARKET

Sub. Code: SMCO43
Date : 05.03.2020

Marks : 20
Duration : 1 Hr.

PART A

I. Choose the correct answer (2 × 1 = 2)

1. which organization regulates Capital Market

- (a) RBI
- (b) NSE
- (c) BSE
- (d) SEBI

2. A type of exchange members who only buy and sell for their personal account are classified as

- (a) Non-investment Traders
- (b) Professional Traders
- (c) Investment Traders
- (d) Commercial Traders

PART B

II. Answer ALL the questions either (a) or (b) (2 × 5 = 10)

3. a) Explain (i) Primary Market (ii) Prospectus
(OR)

b) Who are the intermediaries in Primary Market?

4. a) Write short note on Dematerialization
(OR)

b) What do you understand by Mutual Fund?

PART C

III. Answer the question either (a) or (b) (1 × 8 = 8)

5 a) Write down the steps involved in a public issues (OR)

b) Describe the functions of stock exchange.

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QPS

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IV Semester , II- Internal Test –March 2020
II B.Com+ *Batch 5*
IMPORT AND EXPORT PROCEDURES

Sub.Code :SMCO44
Date : 06.03.2020

Marks : 20
Duration : 1 Hour

PART - A

I. Choose the correct Answer: (2 x 1 = 2)

1.The demand for and supply of foreign currency during a period of time depends upon _____

- a)Exchange Control
- b)Exchange restriction
- c) Balance of Payments
- d)Import restriction

2.A certificate which specifies the country of the production of goods is known as _____

- a) Certificate of origin
- b) Mate receipt
- c)Shipping bill
- d) Bill of Loading

PART - B

II. Answer ALL the questions either (a) or (b) (2 x 5 = 10)

3.a) Define exchange control.

(OR)

b)What are the objectives of Quality control?

4.a) What are the features of Exim policy?

(OR)

b) What are the procedures for the grant of import license under negative list?

PART - C

III. Answer the question either (a) or (b): (1x 8 = 8)

5. a) What is letter of credit? What are the parties involved in letter of credit.

(or)

b) What are the procedures for customs clearance?

B. Selvi
QPS
(B. VANDHARAJAN
(SELVI))

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IV SEMESTER, I INTERNAL TEST – MARCH 2020
II BCOM ^{Bata 1}
COMPUTER APPLICATION IN BUSINESS

Duration: 1 Hr.
Marks: 20

Subject Code: SAC041
Date: 07.03.2020

Part- A (2 X 1 = 2 marks)

I. Choose the correct answer

1. Mercantile process model is used for _____ commerce
(a) online
(b) electronic
(c) mobile
(d) none of these
2. EDI uses _____ protocol.
(a) FTP
(b) SMTP
(c) HTTP
(d) Gopher

PART –B (2 X 5 = 10 marks)

II. Answer all the questions, choosing either (a) or (b)

- 3.(a) Write about the credit card, payment system.
(OR)
(b) Differentiate the E-cash and Smart cards payment system.
4. (a) Write about partial EDI system.
(OR)
(b) Explain about fully integrated EDI system.

PART –C (1 x 8=8 marks)

III. Answer the following question, choosing either (a) or (b)

5. (a) Explain about the Mercantile process models.

(OR)

- (b) Explain Pre-requisite for EDI.

C.Jh
QPS

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IV SEMESTER, INTERNAL TEST – MARCH 2020

II BCOM *Batch II*

ENTREPRENEURSHIP DEVELOPMENT

Duration: 1 Hr.

Subject Code: SSCO4A

Marks: 20

Date: 09.03.2020

Part- A

(2 X 1 =2 marks)

I. Choose the correct answer

1. Time value of money is considered under-----

- (a) Payback period method
- (b) Net present value method
- (c) Cost benefit analysis.
- (d) None of these

2. ESH is having its headquarters at-----

- (a) Ahamadabad
- (b) Hyderabad
- (c) Kanpur
- (d) New Delhi

PART –B

(2 X 5 =10 marks)

II. Answer all the questions, choosing either (a) or (b)

3. (a) State the need for project appraisal.

(OR)

(b) Explain the concept of financial feasibility.

4. (a) State symptoms of sickness in an industry.

(OR)

(b) What are the remedies for industrial sickness?

PART –C

(1 x 8=8 marks)

III. Answer the following question, choosing either (a) or (b)

5. (a) Describe the national of institutional support for Entrepreneurs.

(OR)

(b) Explain the causes of sickness in small scale industry

G. J. S.
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IV SEMESTER, II INTERNAL TEST – MARCH 2020
II B.COM. – Batch 1 & 3

APPLIED CHEMISTRY

Duration: 1Hr

Subject Code: SNCH4B

Marks : 20 marks

Date : 10.03.2020

PART – A

(2×1=2 Marks)

I. Choose the Correct Answer

1. Teflon is obtained by the polymerization of -----.

- (a) vinyl chloride
- (b) tetrachloroethylene
- (c) tetrafluoroethylene
- (d) chloroprene

2. Glyptol is a -----.

- (a) natural resin
- (b) fiber
- (c) lacquer
- (d) thermoset

PART – B

(2×5=10 Marks)

II Answer the following

3. (a) Explain natural and synthetic resins.

(OR)

(b) Differentiate thermoplastics and thermosetting plastics.

4. (a) What are the uses of quickfix and araldite?

(OR)

(b) Discuss the uses of Teflon and thermocole.

PART – C


(1×8=8 Marks)

III Answer any one of the following

5. (a) What are fibers? How are they classified? Write the uses of terylene, nylon and orlon?

(OR)

(b) How are plastics classified? What are the advantages of plastics? Mention the uses of PVC.


(Dr. R. Anuradha)
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The company went into liquidation. Prepare Liquidator's final statement of a/c after taking into a/c the following :

- (i) Liquidation expenses Rs.3,000 his remuneration Rs.10,000
- (ii) Bank loan was secured by pledge of stock
- (iii) Debentures and interest on debentures secured by a floating charge on all assets
- (iv) Fixed assets realised at book value and current assets at 80% of book values.

(OR)

(b) From the following as at 31.03.2016, prepare the Revenue a/c, Net revenue a/c; Capital a/c and General balance sheet of KPTC Ltd.

Balance as on 1.4.2015

Land	Rs. 1,80,000
Machinery	Rs. 7,20,000
Mains	Rs. 2,40,000

Expenditure during the year :

Land	Rs. 6,000
Machinery	Rs. 6,000
Mains	Rs. 61,200
Share capital – ordinary shares	Rs. 6,58,800
Debentures	Rs. 2,40,000
Sundry creditors	Rs. 1,200
Cost of generation	Rs. 42,000
Rent rates and taxes	Rs. 6,000
Expenses of management	Rs. 14,400
Sale of power	Rs. 1,56,000
Meter rent	Rs. 6,000
Interest on debentures	Rs. 12,000
Interim dividend	Rs. 24,000
Net revenue a/c as on 1.4.2015	Rs. 34,200
Depreciation fund	Rs. 3,00,000
Sundry debtor for energy supplied	Rs. 48,000
Sundry debtors for others	Rs. 600
Cash balance	Rs. 6,000

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VI SEMESTER, II INTERNAL TEST – MARCH 2020

III B.COM Batch II

MANAGEMENT ACCOUNTING

Duration: 1 Hr.
Marks: 20

Subject Code:SMCO62
Date: 05.03.2020

Part- A (2 X 1 =2 marks)

I. Choose the correct answer

1. Depreciation on machinery is -----
(a) Application of fund
(b) Sources of fund
(c) No flow of fund
(d) None of these

2. Taxes paid must usually be shown under -----

- (a) Operating activities
(b) Financing activities
(c) Investing activities
(d) Non-Operating activities

PART -B (2 X 5 =10 marks)

II. Answer all the questions choosing either (a) or (b)

3. (a) What are the objectives of Cash flow statement?
(OR)

(b) Kings Ltd. made a profit of Rs.2,00,000 after charging depreciation of Rs.40,000 on assets and a transfer to general reserve of Rs.60,000. The goodwill amortised was Rs.14,000 and gain on sale of machinery was Rs.6000

Additional information

Particulars	Opening	Closing
Trade receivables	10,000	16,000
Trade payables	5,000	17,000
Prepaid expenses	1,000	1,400
Outstanding expenses	7,000	3,000

Ascertain cash flow from operating activities under indirect method.

4.(a) Distinguish between Fund Flow statement and Balance Sheet.
(OR)

(b) The following are the summarized balance sheets as at 31st December 2006 and 2007.

BALANCE SHEET

Liabilities	2006 Rs.	2007 Rs.	Assets	2006 Rs.	2007 Rs.
Capital			Fixed	95,000	1,20,000
Equity	1,00,000	1,00,000	Assets:		10,000
Shares			Investme		
Preference			nts		
Shares	---	50,000	Current	40,000	60,000
General			Assets:	20,000	40,000
Reserve	30,000	40,000	Stock	5,000	2,000
P & L			Debtors	5,000	18,000
A/cs:			B/R	20,000	10,000
Current			Prepaid	10,000	40,000
Liabilities:	25,000	70,000	Exp		
Creditors:	20,000	10,000	Cash		
Bills	--	2,000	Advances		
payable	3,000	--			
Overdraft					
Taxation					
Provision	7,000	12,000			
Proposed					
Dividend	10,000	16,000			
	1,95,000	3,00,000		1,95,000	3,00,000

You are required to prepare a statement showing the changes in working capital.

PART – C (1 x 8=8 marks)

III. Answer all the questions choosing either (a) or (b)

5.(a) Balance sheet of Balu Company are given below :

Liabilities	2004 Rs.	2005 Rs.	Assets	2004 Rs.	2005 Rs.
Share Capital			Land and Buildings		
General Reserve	1,00,000	1,50,000	Machinery	1,00,000	90,000
P&L A/cs :			Stock	1,00,000	1,19,000
Bank Loan	50,000	60,000	Debtors	50,000	24,000
Sundry Creditors	30,500	30,000	Cash	75,000	63,200
Provision for Tax	70,000	--	Goodwill	2,500	16,000
				5,000	--
	50,000	37,200			
	32,000	35,000			
	3,32,500	3,12,200		3,32,500	3,12,200

During the year ended 31st December 2005

- Dividend paid Rs.23,000
- Depreciation written off Machinery – Rs. 14,000
Building – Rs.10,000
- Income tax paid Rs.28,000

Prepare the following statements

- Statement of changes in working capital
- Fund flow statement.

(OR)

(b) From the following balances you are required to calculate the Cash flow from operating activities.

	2015 Rs.	2016 Rs.		2015 Rs.	2016 Rs.
Debtors	50,000	47,000	Accrued Income		750
Bills receivable	10,000	12,500	Income received	600	250
Creditors	20,000	25,000	in advance	300	
Bills payable	8,000	6,000	Profit made during the year		1,30,000
Outstanding expenses	1,000	1,200			
Prepaid expenses	800	700			

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VI Semester, II Internal Test – March 2020

III-B.Com-Batch 5

INDUSTRIAL LAW

Marks: 20

Subject Code: SMC063

Duration: 1 Hr.

Date: 07.03.2020

PART-A

I. Choose the correct answer: (2x1=2)

1. Ventilation and temperature regarding health of workers-----

- (a) Sec 13
- (b) Sec 15
- (c) Sec 2e
- (d) Sec 12

2. Amputation of thumb is-----

- (a) permanent partial disablement
- (b) total disablement
- (c) occupation disease
- (d) none of the above

PART B

(2x5=10)

II. Answer the following, choosing either a or b

3. a) Explain the provision of Factories Act relating to employment of women.

(OR)

b) Enumerate the provisions of Factories Act regarding Welfare.

4. a) Explain the defenses available to employees under the Workmen's Compensation Act, 1923.

(OR)

b) Who are certifying surgeons? What are their duties?

PART

(1x8=8)

III. Answer the following, choosing either a or b

5. a) Explain the mandatory safety precautions of the Factories Act.

(OR)

b) Explain the rules regarding distribution of compensation under Workmen's Compensation Act.

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QPS

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III-B.Com-Babok. II

AUDITING

Marks: 20

Subject Code: SMCO64

Duration: 1 Hr.

Date: 09 .03.2020

PART-A

1. Choose the correct answer: (2x1=2)

1. Audit Note Book is maintained by the -----

- (a) Accountant
- (b) Client
- (c) Audit Clerk
- (d) Auditor

2. ___ includes internal check and internal audit

- (a) Interim Audit
- (b) Internal Audit
- (c) Internal Control
- (d) internal check

PART B

(2x5=10)

II. Answer the following either a or b

3. a) What are audit working papers?

(OR)

b) Explain audit Note Book

4. a) Define internal control. What are the characteristics of good internal control?

(OR)

b) Distinguish between internal control and internal check.

PART C

(1x8=8)

III. Answer the following either (a) or (b)


5. a) Discuss the procedure of auditing.

(OR)

b) Bring out the advantages and disadvantages of Internal Check.


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VI SEMESTER, II INTERNAL TEST – MARCH 2020

III-B.COM- Batch II

INCOME TAX LAW & PRACTICE II

Duration: 1 Hr.

Sub. Code : SECO6A

Marks : 20

Date : 11.03.2020

PART - A

I. Choose the correct answer (2 × 1 = 2)

1. Under which head the pension is taxable:

- (a) Salaries
- (b) Income from other sources
- (c) Capital gains
- (d) None of these

2. Long-term capital loss can be set-off:

- (a) 4 years
- (b) 6 years
- (c) 8 years
- (d) 10 years

PART B

II. Answer ALL the questions either (a) or (b) (2 × 5 = 10)

3. a) What are the provisions governing the set-off of capital losses?

(OR)

b) From the following particulars of a trader, compute the gross total income for the assessment year 2019-20:

i) Income from house property (Computed)	Rs. 2,50,000
ii) Business loss	Rs. 60,000
iii) Current year depreciation	Rs. 10,000
iv) Business loss for preceding years	Rs. 50,000
v) Unabsorbed depreciation of preceding years	Rs. 30,000
vi) Short term capital loss	Rs. 40,000
vii) Long-term capital gain	Rs. 50,000

4. a) Explain (a) Tax free Non government securities

(b) Tax Securities

(OR)

b) Compute income from other sources of Mr. Arun from particulars given below for the assessment year 2019-2020.

(i) Interest (gross) on deposits with a company	Rs. 10,000
(ii) University remuneration for working as examiner	Rs. 8,000
(iii) Royalty for writing books	Rs. 80,000
He claims to have spent on writing these books	Rs. 20,000
(iv) Family pension received	Rs. 48,000

PART C

(1 × 8 = 8)

III. Answer the following question either (a) or (b)

5 a) Mr. X, a residential individual, submits the following particulars of his income for the year ended 31st March, 2019:

- (i) Royalty from a coal mine Rs 20,000
- (ii) Agricultural income in Pakistan Rs 15,000
- (iii) Salary for a part time job with a firm Rs 21,000
- (iv) Salary as a member of parliament Rs 36,000
- (v) Daily allowance as M.P Rs 15,000
- (vi) His residential house has been taken on rent of Rs 1,000 pm, half of which he has sub let at Rs 1,200 pm.
- (vii) Dividend received from a co-operative society Rs 5,000.
- (viii) He has incurred the following expenses:
 - (a) Paid collection charges Rs 100 for collecting dividends.
 - (b) Rs. 3,000 spent for earning and collecting royalty income.
 - (c)

Compute Mr. X income from other sources for the A.Y 2019-20.

(OR)

(b) Explain the provisions regarding carry-forward and set-off of losses.

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