

2.5.1: Mechanism of internal/ external assessment is transparent and the grievance redressal system is timebound and efficient



**EMMANUEL COLLEGE
VAZHICAL**



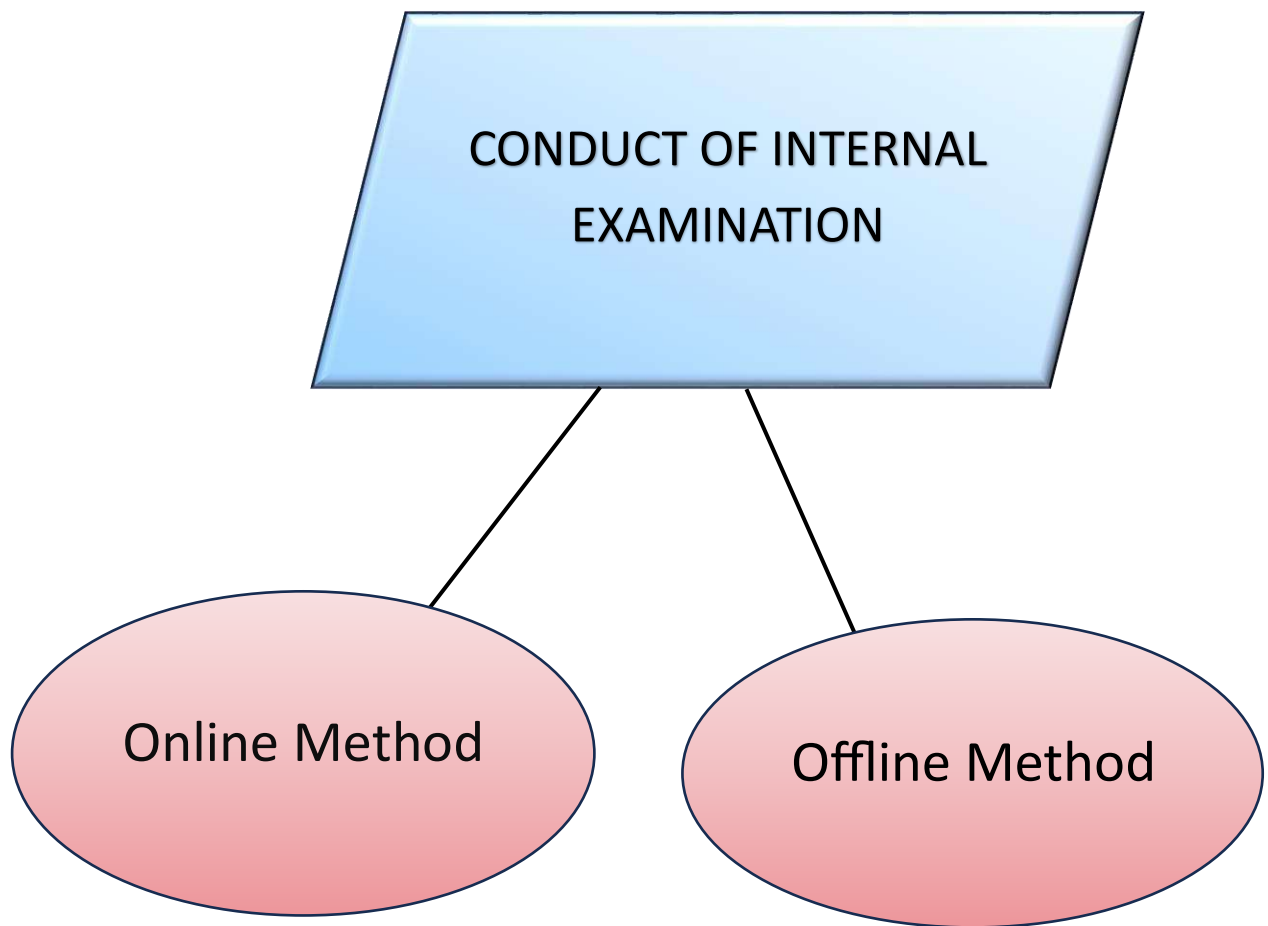
Assessment Method

ASSESSMENT METHOD

CONDUCT OF INTERNAL EXAMINATION

COMPONENTS OF INTERNAL EXAMINATION

CONDUCT OF INTERNAL EXAMINATION



Offline Method



Offline Method



Offline Method



SAMPLE QUESTION PAPERS

EMMANUEL COLLEGE VAZHICAL
DEPARTMENT OF COMPUTER SCIENCE
MODEL EXAMINATION- MARCH 2024
S6 B.SC COMPUTER SCIENCE
CS 1661.1 : MACHINE LEARNING

Time 3 hrs

Max marks: 80

SECTION-A (Answer all questions (10*1=10 marks))

1. What is machine learning?
2. What is data?
3. What is information?
4. What is mean?
5. What is regression?
6. What is classification?
7. What is binary variables?
8. What is dimension?
9. What is accuracy?
10. Give an example for cluster algorithm.

SECTION-B

Answer any eight questions (8*2=16 Marks)

11. What is supervised learning?
12. Compare Machine learning vs traditional programming
13. Define clustering.
14. Write a few applications of machine learning.
15. What is decision trees?
16. Define support vector machine.
17. What are the types of regression?
18. Discuss the various types of data in cluster analysis.
19. What is multi variate analysis?
20. What is dimensionality reduction?
21. What are the advantages of dimensionality reduction?
22. What are the various classification algorithms?

SECTION-C

Answer any six questions (6*4=24 Marks)

23. What are the different types of feature selection methods?
24. Compare bagging and boosting
25. Describe agglomerative and divisive clustering
26. What are the data types in clustering?
27. Discuss Support Vector Machine
28. Explain linear regression.
29. Explain various applications of Machine learning.
30. Discuss the working of machine learning.
31. Explain naive bayes classification

SECTION-D

Answer any two questions (2*15= 30 Marks)

32. What are the types of machine learning algorithms?
33. Explain KNN algorithm.
34. What is partitioning clustering? Explain various partitioning clustering algorithms.
35. Explain various matrices used for the performance evaluation of a model.

EMMANUEL COLLEGE, VAZHICAL
FIFTH SEMESTER INTERNAL EXAMINATION, NOVEMBER 2023
BA ENGLISH LITERATURE
EN 1544: LINGUISTICS AND PHONETICS

Time: 3 hours

Marks: 80

I. Answer all questions, each in a word or a sentence.

1. Distinguish between a Phoneme and a Morpheme.
2. Identify the root of the word financially.
3. What is clipping?
4. What is suppletion?
5. What is slang?
6. What is releasing consonant?
7. What is an idiolect?
8. What are semi vowels?
9. What is meant by allophone?
10. Which are the nasal sounds in RP?

(1x10=10 Marks)

II. Answer any eight, each in a short paragraph not exceeding 50 words.

11. Write a short note on dialect.
12. Define intonation.
13. What are fricatives?
14. What is Received Pronunciation?
15. Define Diglossia.
16. Write a short note on air stream mechanism.
17. Linguistic Competence
18. Differentiate between pidgin and creole
19. Write a short note on Juncture.
20. Difference between word stress and sentence stress.
21. Write a short note on Panini.
22. Active articulators.

(2x8=16 Marks)

III. Answer any six, each in a paragraph not exceeding 100 words.

23. Different types of /r/.
24. Branches of Phonetics.
25. Australian English.
26. TG Grammar.
27. Syllable and its structure.
28. Difference between GIE and RP.
29. Karaka theory.
30. Diachronic and Synchronic approaches to the study of language.
31. Form class words and function class words.

(4x6=24 Marks)

IV. Answer any two, each in about 300 words.

32. Write an essay on the classification of vowel sounds of RP..
33. Varieties of English.
34. PS Grammar.
35. Transcribe the following words and mark the primary stress:
(market, pleasure, morning, tour, college, bottle, examination, literature, chapter, spray)

(15x2=30 Marks)

EMMANUEL COLLEGE, VAZHICAL
B Sc Biochemistry, First Semester Model Examination, 2024
BC 1141: PERSPECTIVES, METHODOLOGY AND BIOMOLECULES-I

Time: 3 Hours

Max Marks: 80

Section-A

Answer the following questions in a word or in one or two sentences. Each question carries 1 mark.

- 1) Define repressibility?
- 2) Define catabolism?
- 3) How can you prepare a homogenate?
- 4) Define pH?
- 5) What is Ka value?
- 6) What are ketones?
- 7) Define acid number?
- 8) What is the significance of RM number?
- 9) What are lipoproteins?
- 10) What happens when monosaccharide reacts with sodium amalgam?

(10*1= 10 Marks)

Section-B

Write a paragraph on any eight of the following. Each question carries 2 marks.

- 11) List out some experiments in science to illustrate how various tools were applied to answer a question?
- 12) What is the scope of biochemistry?
- 13) Write about Griffith's experiment?
- 14) Define normality?
- 15) What are emulsions?
- 16) What are glycoproteins?
- 17) Explain the reaction of monosaccharide with phenyl hydrazine?
- 18) What are proteoglycans?
- 19) What is rancidity?
- 20) Write about essential fatty acids?
- 21) Write about the functions of prostaglandins?
- 22) Write the difference between theory and law?

(8*2= 16 Marks)

Section-C

Short essays not exceeding 120 words. Answer any six questions. Each question carries 4 marks.

- 23) Explain the works done by Avery, McCarty and MacLeod?
- 24) Write about the biological significance of colloids?
- 25) Explain Van't Hoff's law of osmotic pressure?
- 26) Explain derived monosaccharides?
- 27) Write about disaccharides?
- 28) Write notes on chemical properties of simple lipids?
- 29) Explain complex lipids?
- 30) Explain good laboratory practice?
- 31) Compare the sugars lactose and sucrose?

(6*4=24 Marks)

Section-D

Long essay
Answer any two questions. Each question carries 15 marks.

- 32) Discuss various approaches to study biochemical processes?
- 33) Explain Donnan-membrane equilibrium and its biological application?
- 34) Write essay on polysaccharides?
- 35) Write an essay on derived lipids?

(2*15=30 Marks)

SAMPLE QUESTION PAPERS

Emmanuel College ,Vazhichal
Third Semester MSc Biochemistry
Model Examination February 2024
BC 533: Pharmacology and Toxicology

Max.marks :75

Time : 3 hrs

PART -I (10 x 3 = 30)

Answer any 10 questions.

1. Define drug receptors
2. What are microbial sources of drugs?
3. What are drug metabolizing enzymes?
4. Write about drug – protein interaction.
5. Write the general principles of chemotherapy.
6. Write short notes on immunomodulators.
7. Write about anti-fertility drugs
8. Write about the screening of analgesics.
9. Define toxins with examples
10. Write short notes on occupational toxicity
11. What is drug addiction
12. Write about combined effect of drugs

PART -I (5 x 5 = 25)

Answer any 5 questions

13. What are the factors affecting drug absorption
14. Briefly explain site of action of drugs
15. Explain dosage forms of drugs
16. Write the role of Cyt.P450 in drug metabolism
17. Explain mechanism of action of Chloramphenicol
18. Explain antiulcer drugs
19. Explain the toxicity of anticancer drugs
20. Write about drug tolerance and drug intolerance

PART -I (10x 2= 20)

Answer any 2 questions

21. Explain route of administration of drugs
22. Explain drug metabolism
23. Explain cancer chemotherapy

EMMANUEL COLLEGE
Vazhichal, Trivandrum

First Semester MA Degree Model Examination, March 2024
English Language and Literature
Core Course IV: Paper IV

EL 514: LANGUAGE STUDIES
(2022 admission onwards)

Time: 3 Hours

Max. Marks: 75

SECTION-A

I. Write a paragraph not exceeding 50 words each on any five of the following.

1. Transcribe any two of the following words and mark the stress appropriately:
(a) photo (b) breakfast
(c) examination (d) analysis
2. Articulatory Phonetics
3. Write the difference between Contrastive and Applied Linguistics
4. Define morphemes
5. Plossives
6. Derivational morphemes
7. Write the difference between Neuro and Forensic Linguistics?
8. Difference between phoneme and phonology.

(5x2=10 Marks)

II. Answer any four of the following not more than 100 words each.

9. Write a short note on Trace Theory
10. Organs of speech
11. Syntagmatic and paradigmatic relations.
12. Morphology
13. T G Grammar
14. Ambiguity
15. Prescriptive and descriptive grammar
16. Lexical semantics

(4x5=20 Marks)

EMMANUEL COLLEGE, VAZHICHAL
DEPARTMENT OF COMPUTER SCIENCE
SIXTH SEMESTER MODEL EXAM , MARCH 2024
COMPUTER NETWORKS & SECURITY

Time: 3 hrs

Marks: 80

SECTION- A

Answer all questions in one or two sentences

1. What is Baud rate ?
2. Define Virus.
3. Explain FTP.
4. What is half duplex transmission mode ?
5. What is the use of switch ?
6. Define protocol
7. What is router ?
8. Expand CSMA.
9. What is Hamming code ?
10. Define Cipher .

(10*1=10 marks)

SECTION- B

Answer any 8 questions.

11. What is cryptography ?
12. What is distance vector routing?
13. Write a note on flow control.
14. What is information security?
15. Define steganography
16. Explain E-mail security.
17. Define remote login.
18. Write any four application of internet.
19. Define gateway .

(8*2=16 marks)

SECTION - C

Answer any 6 questions.

20. Explain fragmentation .
21. Explain data transmission mode.
22. Write the usage of antivirus software.
23. What is switching ? Explain in detail.
24. Explain switch , hub ,bridge.
25. Explain Sliding window protocol.
26. How will you secure the email ?

(6*4=24 marks)

SECTION- D

Answer any 2 question.

27. Explain ISO-OSI reference model in detail.
28. Explain ALOHA .
29. Explain different transmission media .
30. What is mean by topology and explain the different topologies.

EMMANUEL COLLEGE, VAZHICHAL
FIRST SEMESTER MODEL EXAMINATION - MARCH 2024
M.COM - Finance & Accounting
RESEARCH METHODOLOGY

Time: 3 Hours
Date: 20.03.2024

Max. Marks: 75

SECTION A
Answer all questions

1. What is pilot study?
2. What is T Test?
3. What is bibliography ?
4. What is ex post facto research?
5. What is alternative hypothesis?
6. What is stratified sampling?
7. What do you mean by hypothesis?
8. What is principles of randomization?
9. What is independent variable?
10. What do you mean by questionnaire?

[10 X 2=20 MARKS]

SECTION B
Answer any five questions

11. Explain statistical testing procedure.
12. Briefly explain the significant of research.
13. Explain scientific method
14. Explain about research variable. How do you develop research variable?
15. Explain process of research.
16. Briefly explain the content of research report.

[5 X 5=25 MARKS]

SECTION C
Answer any two questions

17. Discuss the problems encountered by social science researchers. Suggest suitable measures to overcome it.
18. Explain hypothesis test.
19. What is an interview schedule? What are the points to be observed while developing an interview schedule?
20. Explain the techniques of sampling.

[15x2=30 MARKS]

SAMPLE ANSWER SHEETS

Biochemistry

Section - C

25) Vant Hoff's law of osmotic pressure

Like gaseous liquids also have osmotic pressure but it's only applicable for dilute solution not for a concentrated solution.

Law 1

The osmotic pressure of solution is directly proportional to the molar concentration at constant temperature.

$$\pi \propto C$$

$$\pi = k_1 C$$

$$C = \frac{n}{V}$$

$$\pi = \frac{k_1 n}{V}$$

$$\pi V = k_1 n$$

Law 2

The osmotic pressure of solution is directly proportional to the absolute temperature at constant molar concentration.

$$\pi \propto T$$

$$\pi = k_2 T$$

$$\frac{\pi}{T} = k_2$$

19/03/24
Malayalam

Cyber Security

Indhumathi K P
Roll No 33

27. Symmetric

It is an both encryption and decryption

It is also an Most ~~effort~~ effective and Secure.

Asymmetric

Public : Encryption

Private : decryption

It is an faster / Most efficient

It is an Secure

29. Ransomware

• Hacking

• Cyber bullying

• Attacking

• Virus

• phishing

36) Honey pots. It is ^{an} one of the most

technique is used to hacking the Hackers.

• To make dummy in the original.

• The Hacker is hacked to the dummy and user to identify hacker idea.

35) Ransomware

• phishing

• Virus

• malware

SAMPLE ANSWER SHEETS

21/3/24

Vinitha AV
B1 Mcom

63 Research
25 Methodology

1) Pilot study is the study of the end of research report. And the pilot study is the replica of the main body. The pilot study must be contain all the research of the problem. The problem must be very identity and it must be the end of the all research work. They can study all the replica of the main body contained from all the research report. The research should be contained all the data that must be done and equally do all the data. The pilot study must be contained the questionnaire of the research work and the research problem. The problem and research must be contained all the data of the end of the research work.

5/2/24
Tuesday

Anaya. A.P
Roll No: 1
III MSc BC

47
Pharmacology & Toxicology
45

Part - II

15. Dosage form of drugs

There are different type of dosage forms are occurs, this is useful for the administration of same drugs in more times. Dosage forms are include many types,

ie. ① Route of administration form
② Physical form.

Physical form.

This includes

- ① Solid form
- ② Semi solid form
- ③ Liquid form
- ④ Gracous form.

Solid form

In this type of dosage form includes the powdered form of drugs are compressed and form produce solid form.

eg:- tablets,

ONLINE METHOD-GOOGLE CLASS ROOM

SEMESTER FIVE B.Sc.
BIOCHEMISTRY "CLASSICAL AND
MOLECULAR GENETICS" INTERNAL
EXAMINATION on 14th Aug 2020
Each subquestion 1 mark + Total: 15 Marks

1. Name *

2. Candidate code *

Answer the following

3. Transfer of relatively small segment of naked DNA is called *

Mark only one oval.

☐ conjugation
☐ translocation
☐ transformation
☐ transfection

4. Bacterial experiment was conducted by...

Mark only one oval.

☐ Oswald Avery
☐ Hershey and Chase
☐ Watson and Crick
☐ Haver

5. Organisms used for Griffith transformation experiment *

Mark only one oval.

☐ E. coli
☐ streptococcus pneumoniae
☐ adenovirus
☐ salmonella

6. Prokaryotic state that permits a cell to take up transforming DNA and be genetically changed by it.

Mark only one oval.

☐ competence
☐ competence
☐ competence
☐ competence
☐ competence

7. In which year Griffith conducted transformation experiments...

Mark only one oval.

☐ 1928
☐ 1943
☐ 1952
☐ 1959

8. Non self-fertile, high capacity having state of diploids is called *

Mark only one oval.

☐ Hfr
☐ Hfr
☐ Hfr
☐ Hfr

9. The transforming ability was completely destroyed by the enzyme *

Mark only one oval.

☐ DNase
☐ RNase
☐ Protease
☐ None

10. Process of transfer of genetic information by cell to cell contact...

Mark only one oval.

☐ transformation
☐ conjugation
☐ translocation
☐ None

11. conjugation was first discovered by...

Mark only one oval.

☐ Lederberg & Tatum
☐ Hershey & Chase
☐ Griffith
☐ Haver

12. When the chromosome of F+ cell recombines with F- cell, it produces...

Mark only one oval.

☐ Hfr cell
☐ F- cell
☐ F' cell
☐ None

13. What is the DNA in prokaryotes?

Mark only one oval.

☐ linear
☐ circular
☐ double
☐ single

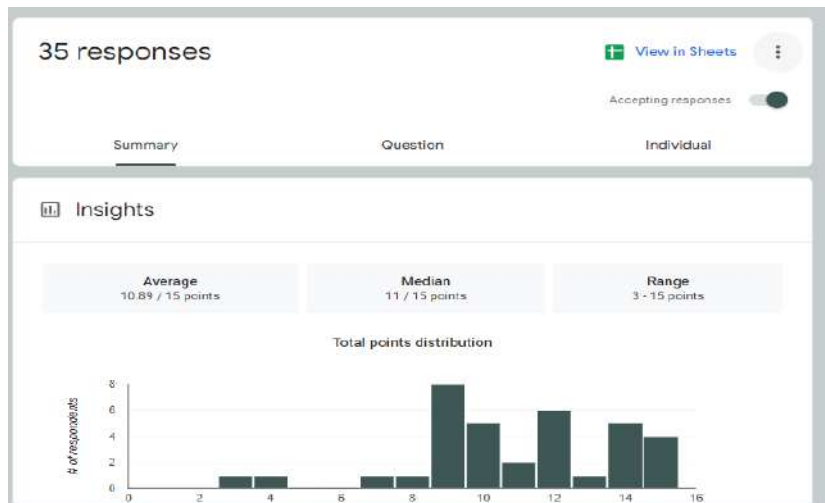
14. Transfer of genetic material from one cell to other by a bacteriophage is *

Mark only one oval.

☐ translocation
☐ conjugation
☐ transformation
☐ transfection

The complete answer is provided by Google

Google Forms



11:19

Close Participants (27)

	Femina BcomCA(50)			
	Gireesh R G (S2 CA 2...)			
	Gopika .B.S (13) BC...			
	JIJ060 (ca)			
	Jithin Gall (CA 21)			
	Meenu TS CA S2 49			
	Nisi.B.S(CA).45			
	parvathy antherjana...			
	Roni (11)			
	Saugan K S (ca) 34			

Invite Mute All

Points scored	# of respondents
3	2
4	1
5	2
7	1
8	2
9	1
10	3
11	2
12	1
13	4
14	3
15	13

ONLINE METHOD-GOOGLE CLASS ROOM



4:58, 4:58 PM B.Sc Botany and Biotechnology

B.Sc Botany and Biotechnology
Anatomy of Angiosperms Internal Examination

* Mandatory required question

1. Email *

2. Name *

3. Roll No *

Answer the Following

4. Write the Features of Meristematic tissues * 4 points

5. Classify Meristem based on position * 4 points

10. Write notes on Sclerenchyma tissues * 8 points

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4:58, 4:58 PM B.Sc Botany and Biotechnology

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Google Forms

4:58, 4:58 PM B.Sc Botany and Biotechnology

6. Define Quiescent centre * 2 points

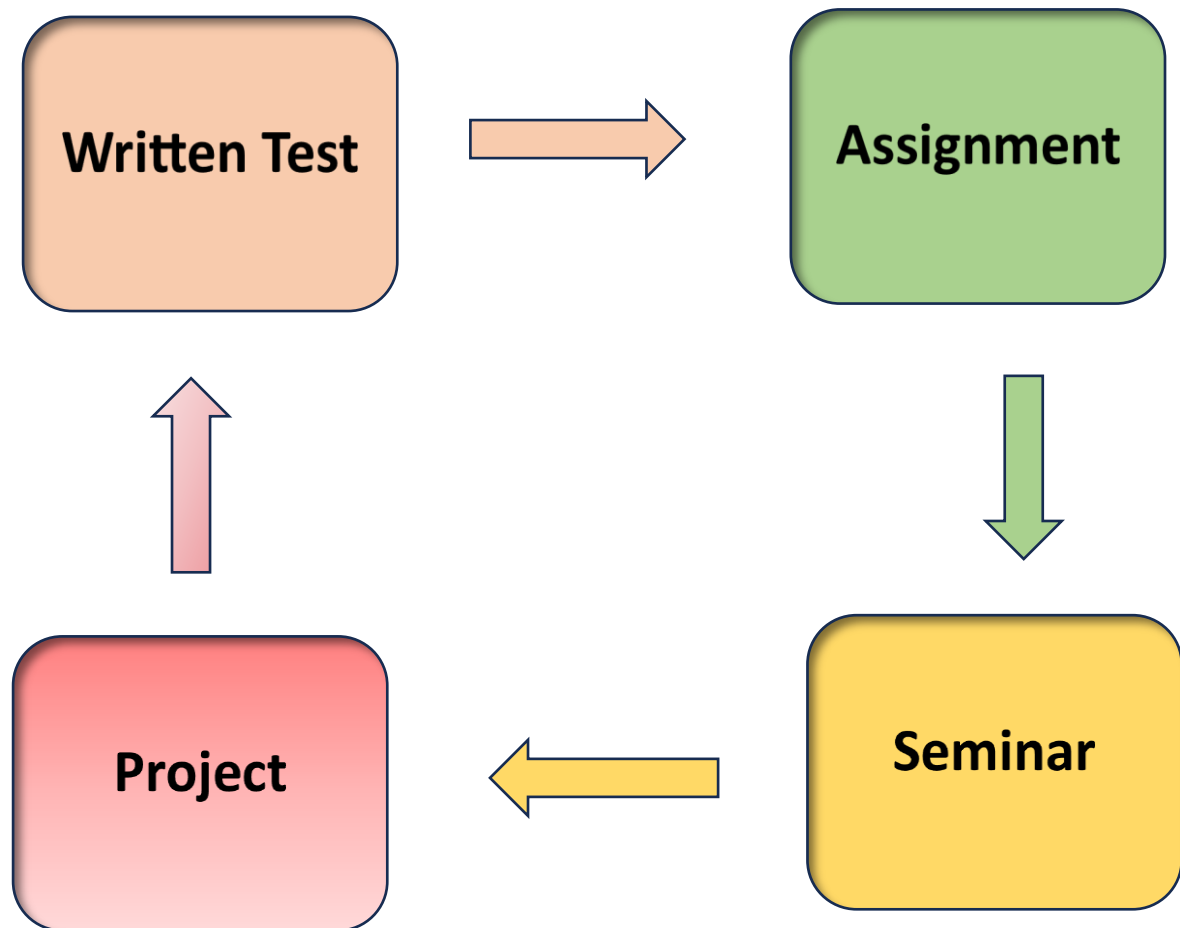
7. Define Kopen-Kappe theory * 2 points

8. Explain Turcotte-Corpus theory * 4 points

9. Write notes on Parenchyma tissues * 4 points

11. https://www.google.com/docs/forms/submit/known/p/07/enw0d3at7-1q8n0r8wscqg1g6at 2/2

COMPONENTS OF INTERNAL EXAMINATION



WRITTEN TEST – SAMPLE QUESTION PAPERS

Emmanuel College, Vazhichal
Third Semester MSc Biochemistry
Model Examination February 2024
BC 533: Pharmacology and Toxicology

Max.marks :75

Time : 3 hrs

PART –I (10 x 3 = 30)

Answer any 10 questions.

1. Define drug receptors
2. What are microbial sources of drugs?
3. What are drug metabolizing enzymes?
4. Write about drug – protein interaction.
5. Write the general principles of chemotherapy.
6. Write short notes on immunomodulators.
7. Write about anti-fertility drugs
8. Write about the screening of analgesics.
9. Define toxins with examples
10. Write short notes on occupational toxicity
11. What is drug addiction
12. Write about combined effect of drugs

PART –I (5 x 5 = 25)

Answer any 5 questions

13. What are the factors affecting drug absorption
14. Briefly explain site of action of drugs
15. Explain dosage forms of drugs
16. Write the role of Cyt.P450 in drug metabolism
17. Explain mechanism of action of Chloramphenicol
18. Explain antiulcer drugs
19. Explain the toxicity of anticancer drugs
20. Write about drug tolerance and drug intolerance

PART –I (10x 2= 20)

Answer any 2 questions

21. Explain route of administration of drugs
22. Explain drug metabolism
23. Explain cancer chemotherapy

EMMANUEL COLLEGE, VAZHICHAL
I Semester B.A.Degree Model Examination – January 2024
Complementary Course
EN 1131 : Popular literature and Culture

Time : 3 hrs

Marks :80 Marks

I. Answer all questions in a word or a sentence.

1. What are telenovelas?
2. Define Comics.
3. What is a Fable?
4. What is blank verse?
5. Who are "queens of crime"?
6. Name the narrator of Sherlock Holmes stories?
7. Whom did Dr Roylott first kill?
8. Whose movements are like a quick clever old squirrel from the park?
9. Name the children who won the golden tickets?
10. What is the speckled band in the title of the story? (10x1=10)

II. Answer any eight each in a short paragraph not exceeding 50 words.

11. Why did Tintin go to Tibet? Who all accompanied him?
12. What is meant by early remediation and late remediation?
13. What is the importance of fantasy and prophesy in children's literature?
14. Explain 'canon'
15. Why was Padmavati cast out of the kingdom?
16. Describe Willy Wonka's appearance
17. The joy of creation in 'The Cherry Tree'.
18. What was the song in 'The Juniper Tree'?
19. Character Sketch of Helen Stoner.
20. What kind of world does John Lennon imagine?
21. How did the Dursleys explain the death of Harry's parents to him?
22. What were the exotic mammals that Dr Roylott kept? (8x2=16)

III. Answer any six in a paragraph not exceeding 100 words.

23. Explain 'Subcultures'.
24. Character sketch of Zoya Singh Zolanki.
25. Bad parenting in 'Charlie and the Chocolate Factory'.
26. Gothic elements in 'The adventure of Speckled Band'.
27. Comment on the end of the story 'Tintin in Tibet'.
28. The complex political and cultural history of the word 'popular'.
29. Write a note on 'Vikram and Beta'.
30. How does Doyle present Sherlock's genius in the opening of 'The adventure of Speckled Band'.
31. Difference between popular literature and literary literature. (6x4=24)

IV. Answer any two of the following each in about 300 words

32. The audience and readers of popular fiction.
33. "The history of children's literature coincides, more or less with that of the novel". Elaborate
34. Duty, responsibility, perseverance and pride in 'The Cherry Tree'.
35. How does the death of his parents influence Harry's character and the decisions that he makes over the course of the book? (2x15=30)

WRITTEN TEST – SAMPLE ANSWER SHEETS

21/3/24

Vinitha AV
Sr. Mem

63 Research
25 Methodology

1) Pilot study is the study of the end of research report. And the pilot study is the replica of the main body. The pilot study must be contain all the research of the problem. The problem must be every identity and it must be the end of the all research work. They can study all the replica of the main body contained from all the research report. The research should be contained all the data that must be done and equally do all the data. The pilot study must be contained the questionnaire of the research work and the research problem. The problems and research must be contained all the data of the end of the research work.

5/2/24
Ananya A.P.
Roll No: 1
B. Pharm

Pharmacology & Toxicology
75

Part - II

15. Dosage form of drugs

There are different type of dosage forms are occurs, this is useful for the administration of same drugs in more times. Dosage forms are include many types,

ie. ① Route of administration form
② Physical form.

Physical form.

This includes

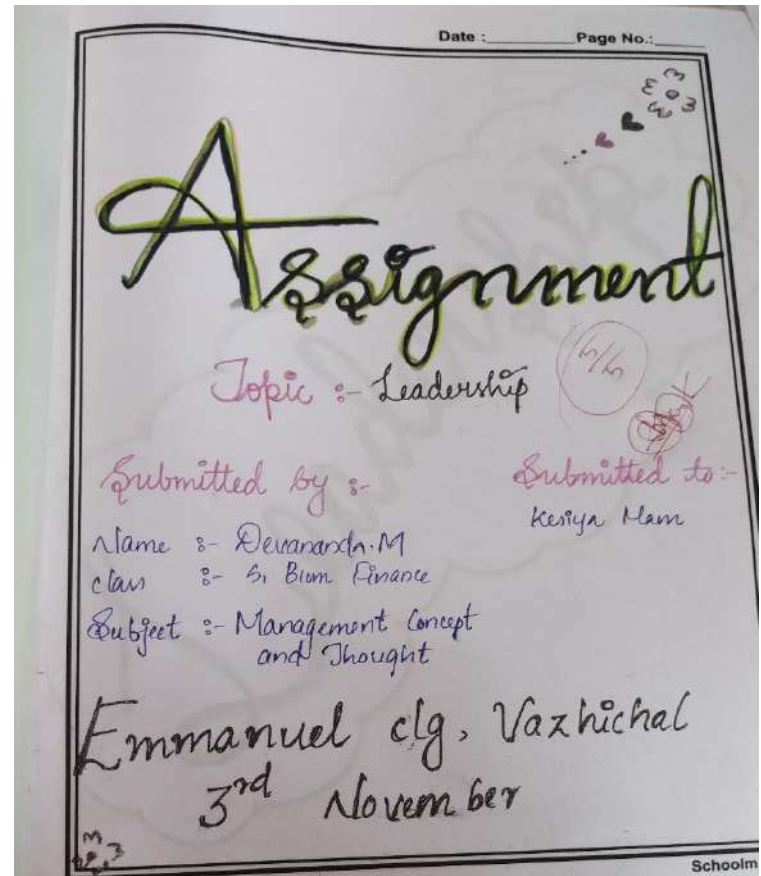
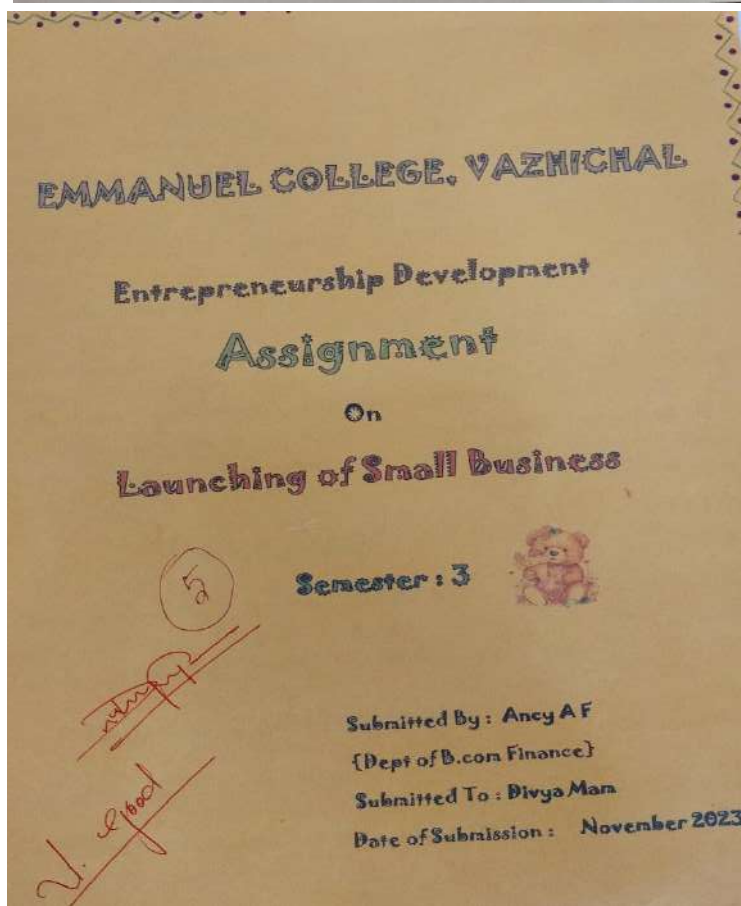
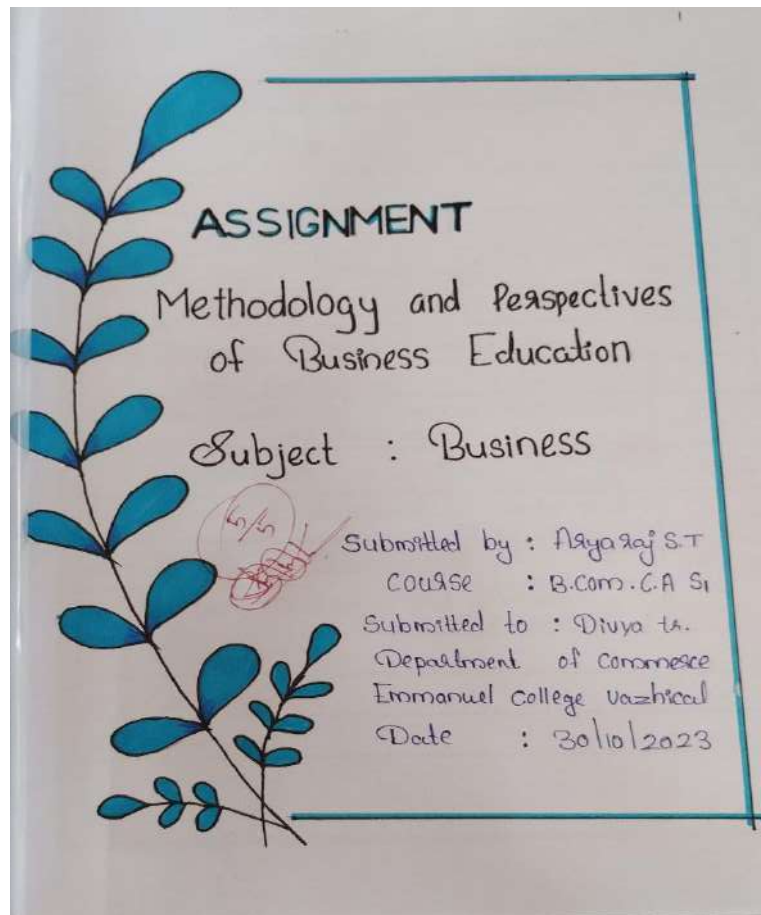
- ① Solid form
- ② Semi solid form
- ③ Liquid form
- ④ Gaseous form.

Solid form

In this type of dosage form include the powdered form of drugs are compressed and form produce solid form.

eg:- tablets,

ASSIGNMENT – OFFLINE



SEMINAR

