

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester B.Sc Psychology Degree Examination, November 2022

BPS1B01 – Basic Themes in Psychology – I

(2022 Admission onwards)

Time : 2 hours

Max. Marks : 60

SECTION A

Answer the following questions. Each carries *two* marks(Ceiling 20)

1. Define functionalism
2. What is introspection
3. What do you mean by top down processing
4. Define circadian rhythm
5. What do you mean by Genetics
6. What is Correlation study
7. Explain JND
8. What is Phi phenomenon
9. Define Hypnosis
10. What is REM Sleep
11. What is Premack principle
12. What do you mean by Law of effect

SECTION B

Answer the following questions. Each carries *five* marks(Ceiling 30)

13. Explain the different stages of sleep
14. Which are the different phenomena associated with attention
15. Explain the principles of classical conditioning
16. Explain the Steps in scientific investigation.
17. Discuss theories of color vision
18. Explain the schedules of reinforcement
19. Explain the concept of perceptual constancies

SECTION C

Answer any *one* question

20. Define perception. Elucidate the contribution of gestalt school in the understanding of perceptual organization.
21. Define cognitive learning. Explain different types of cognitive learning

(1 × 10 = 10 Marks)

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(Pages : 2)

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FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester B.Sc Psychology Degree Examination, November 2022

BZL1C02 – Human Physiology – I

(2022 Admission onwards)

Time : 2 hours

Max. Marks : 60

SECTION A

Answer all questions, each carries 2 marks. Answer in 2 or 3 sentences.
There shall be ceiling of 20 marks in this section.

1. Differentiate between euchromatin and heterochromatin
2. Why lysosomes are called suicidal bags of the cell?
3. Differentiate between linkage and crossing over
4. What is ideogram?
5. What are mutagens?
6. Co-dominance
7. Pleiotropy
8. Test cross
9. SAT Chromosome
10. Introns
11. What are holandric genes? Give one example.
12. What is GERL concept

(Ceiling 20 marks)

SECTION B

Answer all questions, each carries 5 marks. Answer in a paragraph of about half a page to one page. There shall be ceiling of 30 marks in this section

13. Briefly describe major types of tissues
14. Briefly describe the features of genetic code
15. Explain cell cycle. What are cell cycle check points?
16. Describe multiple alleles with an example.
17. Explain the structure of interphase nucleus
18. Explain the semiconservative replication of DNA
19. Give an account of any two autosomal recessive disorders.

(Ceiling 30 Marks)

SECTION C

Answer any one from the following, each carries 10 marks. Essay type question.

20. With suitable diagrams briefly explain the stages of prophase I of meiosis.
21. With suitable diagram describe the structure, chemical composition and functions of plasma membrane

(1 x 10 = 10 marks)

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE

First Semester BA Sociology Degree Examination, November 2022

BPS1C01 – Psychological Processes – I

(2022 Admission onwards)

Time : 1 ½ hours

Max. Marks : 40

SECTION -A**Answer in Two or three sentences. Each carries 2 marks.****There shall be ceiling of 10 marks in this section**

1. Define Perception
2. Define learning.
3. Explain Spontaneous recovery
4. What do you mean by division of attention
5. Explain Functionalism
6. Discuss naturalistic observation
7. Explain figure -ground segregation
8. What is sensory memory.

Maximum -10 Marks**SECTION -B****Answer in a paragraph of about half a page to one page .****Each question carries 5 marks. There shall be ceiling of 20 marks in this section**

9. Discuss about any 5 branches of psychology
10. Explain the principles of classical conditioning
11. Differentiate between state-dependent and context dependent memory
12. Explain latent learning and sign learning
13. Discuss the principles of perceptual organization.
14. Explain hierarchy of need theory

Maximum -20 Marks**SECTION -C****Essay Type Questions****Answer Any one of the following. Each Carries 10 Marks.**

15. What is attention? Write in detail about the factors affecting attention.
16. What is Memory? Explain memory improving strategies using mnemonics

(1x10=10 Marks)