

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
**First Semester B.Sc Psychology Degree Examination, November 2023**

**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. Write about non participant observation
2. What is shape constancy
3. What do you mean by bottom up processing
4. What is sleep apnea
5. What are dreams
6. Define questionnaire
7. What is psycho physics
8. Define Motion parallax
9. What are Psycho active drugs
10. What is 'Tabula Rasa'.
11. Discuss learning curve
12. What is law of effect

**SECTION B**

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

13. Differentiate between shaping and chaining
14. Explain the theoretical views on dreams.
15. Explain the theories of color vision.
16. Explain different principles of perceptual constancies.
17. Briefly explain hypnosis and meditation .
18. Explain observational learning.
19. Which are the major theoretical perspectives in psychology?

**SECTION C**

**Answer any *one* question**

20. Describe the stages and functions of sleep.
21. Define psychology. How experiments are conducted in psychology? Explain.

(1 × 10 = 10 Marks)

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(Pages : 2)

Reg. No:.....

Name: .....

FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
First Semester B.Sc Psychology Degree Examination, November 2023

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 incomplete dominance and co-dominance ✓
2. What are point mutations?
3. State the Mendel's law of independent assortment
4. What are the functions of lysosomes?
5. What is an acrocentric chromosome?
6. What is the significance of Zygotene stage of Meiosis
7. What is G<sub>0</sub> Phase
8. What are the three symptoms of phenylketonuria?
9. Cell theory?
10. Okazaki fragments
11. What are alleles?
12. What genetic mutation causes Cri-du chat syndrome?

(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 the structure and functions of nucleolus
14. Briefly describe the role of enzymes in DNA replication
15. Explain the structure of a eukaryotic cytoribosome.
16. What is epistasis? Explain with an example.
17. Give an account of two sex chromosomal anomalies.
18. Briefly explain spatio-temporal control of gene activity
19. Give an account on the morphology of a chromosome.

(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 mitosis. Add a note on its significance

21. Define mutation. Mention different kinds of mutation.

(1 x 10 = 10 marks)



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(Pages : 2)

Reg. No:.....

Name: .....

**FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE**  
**First Semester B.Sc Psychology Degree Examination, November 2023**

**BST1C05 – Descriptive Statistics**

(2022 Admission onwards)

Time : 2 hours

Max. Marks : 60

**SECTION-A**

Each question carries 2 Marks.

Maximum Marks that can be scored in this section is 20.

1. What is meant by population and sample?
2. Distinguish between quantitative and qualitative data.
3. What is meant by pilot survey?
4. What is a pie diagram?
5. What is meant by class boundaries and class mark?
6. What is a frequency polygon?
7. Define mode. Give an example.
8. Obtain the geometric mean of 0, 4, 37, 28, 9, 17, 61, 42, 21, 13
9. What is meant by quartile deviation?
10. Define range. Find the range of 52, 61, 78, 29, 35, 83, 60.
11. For a distribution with mean = 10, median = 10 and mode = 10. Comment on the skewness of the distribution.
12. Draw a rough sketch of leptokurtic, mesokurtic and platykurtic curves and mark them.

**SECTION-B**

Each question carries 5 Marks.

Maximum Marks that can be scored in this section is 30.

13. Distinguish between nominal and ordinal scales of measurement.
14. Differentiate between working class and actual class with examples.
15. Draw a bar diagram for the data below

Category	A	B	C	D	E
Relative frequency	0.1	0.25	0.425	0.150	0.075

16. Find combined mean for the following data.

Group	Size	AM
I	25	12
II	35	15

17. How do extreme items affect mean, median and mode?

18. What is meant by dispersion? How is a measure of dispersion useful?

19. The mean, mode and variance of a data are 91.9, 91.56 and 79 respectively.  
Find Karl Pearson's coefficient of skewness and make interpretation.

### SECTION-C

(Answer any one Question and carries 10 marks)

20. What is a histogram? Draw a histogram for the data given

Weekly wages:	0-10	10-30	30-60	60-100
f:	10	40	45	20

21. Runs scored by two batsmen in 5 innings are given below. Find who is the more consistent batsman?

A	25	50	45	30	70
B	10	70	50	20	95



FAROOK COLLEGE (AUTONOMOUS), KOZHIKODE  
First Semester BA Sociology Degree Examination, November 2023

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. What is case study
2. Explain perception
3. Brief about sign learning
4. Discuss flash-bulb memory
5. Define dependent variable
6. Explain stimulus generalization.
7. Define cognitive map
8. What is iconic 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. Explain any two phenomena associated with attention.
10. Discuss working memory model by Baddley
11. Explain classical conditioning
12. Discuss Gestalt principles
13. Elaborate observational learning
14. Differentiate between survey method and interview method in psychology
15. Explain the levels of processing in memory.

**Maximum -20 Marks**

**SECTION -C**

**Essay Type Questions**

Answer *Any one* of the following. Each Carries 10 Marks.

16. Which are the major theoretical perspectives in Psychology? Describe them briefly.
17. What is long term memory? Explain the types of long-term memory

**(1x10=10 Marks)**