D 113937　　　　　　(Pages : 2)　　　　Name...... Adbiya.

　　　　　　　　　　　　　　　　　　　Reg. No...... 009

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2024

Psychology

PSY 1B 01—BASIC THEMES IN PSYCHOLOGY—I

(2019-2023 Admissions)

Time : Two Hours　　　　　　　　　　　　Maximum : 60 Marks

Section A

Answer **all** *questions.*

Answer in two **or** *three sentences.*

Each question carries 2 marks.

There shall be ceiling of 20 marks in this section.

1. Genetics.

2. Bottom-up processing.

3. Case study.

4. Illusions.

5. Negative Punishment.

6. Vicarious learning.

7. Higher order conditioning.

8. NREM.

9. Psychoactive drugs.

10. Descartes.

11. Difference threshold.

12. Meditation.

(Ceiling 20 marks)

Turn over

Section B

Answer **all** *questions.*

Answer in a paragraph of about half a page to **one page**.

Each question carries 5 marks.

There shall be ceiling of 30 marks in this section.

13. Discuss theories of dreams.

14. Comment on conscious altering drugs.

15. Describe schedules of reinforcement.

16. Explain social cognitive learning.

17. Discuss sleep disorders.

18. Explain branches of psychology.

19. Discuss perceptual organization.

(Ceiling 30 marks)

Section C

Essay Type Questions

Answer any **one** *of the following.*

The question carries 10 marks.

20. Briefly describe various altered states of consciousness.

21. Explain classical conditioning principles and applications.

$(1 \times 10 = 10$ marks)

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2022

Psychology

PSY 1C 05/PSY 2C 05—PSYCHOLOGICAL PROCESSES

(2019—2022 Admissions)

Time : Two Hours and a Half

Maximum : 80 Marks

Section A

Answer all questions.
Answer in two or three sentences.
Each question carries 2 marks.
There shall be ceiling of 25 marks in this section

1. Gestalt Psychology.

2. Functionalism.

3. Extinction.

4. Phi-phenomenon.

5. Cognitive map.

6. Short term memory.

7. Prototypes.

8. Heuristics.

9. Secondary motives.

10. Intrinsic motivation.

11. Defense mechanism.

12. Spontaneous recovery.

13. Latent learning.

14. Chunking.

15. Emotion.

Section B

Answer all questions.
Answer in a paragraph of about half a page to one page.
Each question carries 5 marks.
There shall be ceiling of 35 marks in this section

16. Brief history of modern scientific psychology.

17. Figure and ground segregation.

18. Theory of colour vision.

19. Schedules of reinforcement.

20. Key processes in memory.

21. Strategies for remembering.

22. Steps and barriers to effective problem solving.

23. Triarchic approach of Sternberg.

Section C

Answer any two questions.
Each question carries 10 marks.

24. Explain the psychodynamic theory of Sigmund Freud.

25. What are major research methods of psychology.

26. Elucidate Classical conditioning.

27. Discuss Cannon-Bard and Schacher-Singer Theories of emotion.

(2 × 10 = 20 marks)

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION NOVEMBER 2022

Psychology

PSY 1B 01—BASIC THEMES IN PSYCHOLOGY—I

(2019—2022 Admissions)

Maximum : 60 Marks

Time : Two Hours

Section A

Answer **all** *questions in two* **or** *three sentences.*
Each question carries 2 marks.
There shall be a ceiling of 20 marks in this section.

1. Eugenics.

2. Forensic Psychology.

3. Case study.

4. Absolute Threshold.

5. Blocking.

6. Circadian Rhythm.

7. Dorsal Pathways.

8. REM sleep.

9. Euphoria.

10. Vicarious Reinforcement.

11. Psychoactive drugs.

12. Cognitive Map.

(Ceiling of 20 Marks)

Section B

Answer all questions in a paragraph.
Each question carries 5 marks.
There shall be a ceiling of 30 marks in this section.

13. Explain the Stages of sleep.

14. What are Depressants ? Explain the effects of depressants with suitable examples.

15. Elucidate survey method.

16. Differentiate structuralism and functionalism.

17. Which are the objective factors that determine attention ?

18. How did Young and Helmholz explained colour vision ?

19. What are the applications of classical conditioning ?

(Ceiling of 30 M

Section C

Answer any one questions.
The question carries 10 marks.

20. Distinguish between classical conditioning and instrumental conditioning.

21. What is perceptual organization ? How do we perceive forms, patterns and objects ?

$(1 \times 10 = 10$

FIRST SEMESTER (CBCSS—UG) DEGREE EXAMINATION
NOVEMBER 2022

Statistics

STA 1C 02—DESCRIPTIVE STATISTICS

(2019—2022 Admissions)

Time : Two Hours

Maximum : 60 Marks

Use of calculator and Statistical table are permitted.

Part A (Short Answer Type Questions)

Each question carries 2 marks.
Maximum marks that can be scored from this part is 20.

1. Write one example each for ONE and TWO dimensional methods for data representation.

2. Differentiate quantitative and qualitative data.

3. Differentiate geographical and chronological classification of data.

4. Define frequency density of a class in a frequency distribution.

5. Find the sum of 12 observations with mean 26.

6. Write any *two* merits and demerits of median as a measure of average.

7. Define range of data given in grouped and ungrouped frequency table.

8. Calculate the mean deviation about mean for the values, 12, 16, 14, 20 and 18.

9. Define partition values.

10. Calculate the sum of squares of 12 observations having mean and standard deviation, 4 and 2 respectively.

11. Define a negatively skewed distribution.

12. Write the co-efficient of kurtosis based on partition values.

Turn over

Part B (Short Essay/Paragraph Type Questions)

Each question carries 5 marks.

Maximum marks that can be scored from this part is 30.

13. Write any five essential steps while planning a survey.

14. Explain the procedure of drawing a pie diagram for the record on 264 crimes reported during the main seasons in a south Indian district.

Summer	Winter	Monsoon
120	80	60

15. Sketch a less than ogive curve for the following data :

Class	:	0–10	10–20	20–30	30–40	40–50
Frequency	:	6	15	39	12	8

16. Calculate the variance for the following frequency distribution :

Class	:	0–2	2–4	4–6	6–8	8–10
Frequency	:	15	25	18	13	9

17. Explain (i) Histogram ; and (ii) Frequency polygon.

18. Two sets of observations are having means 12, 15 ; standard deviations 2, 3 and the number of observations 20 and 30 respectively. Calculate the standard deviation of the combined set.

19. Write a short note on kurtosis.

Part C (Essay Type Questions)

Each question carries 10 marks.

Maximum marks that can be scored from this part is 10.

20. Calculate the mean deviation about median for the following data :

Class	:	5–15	15–25	25–35	35–45	45–55	55–65	65–75
Frequency	:	6	8	10	16	9	7	4

21. Define Pearson's co-efficient of skewness. Calculate it for the following data and comment on skewness :

Class	:	10–20	20–30	30–40	40–50	50–60	60–70	70–80
Freqency	:	5	12	20	30	16	10	7