

5774/1

FACULTY OF SCIENCE
M.Sc. (Previous) Examination
PSYCHOLOGY
Paper I
(Principles of Psychology)

Time : 3 Hours]

[Max. Marks : 100

*Answer any **five** questions.*
All questions carry equal marks.
(Marks: $5 \times 20 = 100$)

1. What are the aims of Psychology and discuss the origins of Psychology within Philosophy?
 2. Discuss the Biological Bases of Behaviour.
 3. Discuss different Endocrine Glands and their role in behaviour.
 4. Explain the characteristics of sound.
 5. Discuss attention as a perceptual sampling process.
 6. Define learning and write the measurement in learning and learning curves.
 7. What is forgetting and different causes of forgetting?
 8. Define Thinking and write its tools.
 9. What is personality and explain the determinants of personality?
 10. Write short notes on any **two** of the following:
 - (a) Psychogenetics
 - (b) Love and affection
 - (c) Colour vision
 - (d) Transfer of training.
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5775/1

FACULTY OF SCIENCE
M.Sc. (Previous) Examination
PSYCHOLOGY
Paper II
(Social Psychology)

Time : 3 Hours]

[Max. Marks : 100

*Answer any **five** questions.*
All questions carry equal marks.

1. Explain the research methods in Social Psychological studies.
 2. Write an essay on Non-verbal Communicational language.
 3. Explain the agencies of Socialisation.
 4. Explain the components of Attitudes.
 5. Write an essay on Milgram Studies.
 6. Write an essay on Theories of Social Exchange.
 7. Explain the nature of Prejudice by stating suitable examples.
 8. Write an essay on Aggression.
 9. What are the functions of leader? Explain.
 10. Write short notes on any **two**:
 - (a) Person Perception
 - (b) Moral Development
 - (c) Balance Theory
 - (d) Attraction and love.
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5776/1

FACULTY OF SCIENCE
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Paper III
(Psychopathology)

Time : 3 Hours]

[Max. Marks : 100

*Answer any **five** questions.*
All questions carry equal marks.

1. Explain the criteria of Normality and Abnormality.
 2. Write an essay on Personality Development.
 3. Explain the nature and types of Neurosis.
 4. Explain the nature and types of Psychosis giving suitable examples.
 5. Explain the Psychopathic Personality Delinquency.
 6. Explain the major Psycho-Physiological Disorders.
 7. Explain the treatment methods and prognosis of drug dependence.
 8. Explain childhood behaviour disorders.
 9. Explain community mental health programmes.
 10. Write short notes on any **two**:
 - (a) Frustration
 - (b) Biological Stress
 - (c) Brain Pathology
 - (d) Existential Therapy.
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1429/1

FACULTY OF SCIENCE
M.Sc. (Previous) Examination
PSYCHOLOGY

Paper IV

(Test Development and Statistics)

Time : 3 Hours]

[Max. Marks : 100

Answer any five questions.

(Marks: $5 \times 20 = 100$)

1. What are the test administration procedures?
2. Explain different types of Personality tests.
3. What is Reliability? What are the different methods to find out reliability?
4. How is the validity of a test established?
5. What are the different steps involved in item writing?
6. What are the measures you have to take in order to develop a test?
7. Explain percentile, standard score and age norms.
8. Calculate mean and standard deviation for the following data:

Age (in years)	4-6	6-8	8-10	10-12	12-14	14-16	16-18
No. of Students	30	90	120	150	80	60	20

9. Calculate Karl Pearson's product moment coefficient of correlation from the following data relating to the heights of the fathers and their sons in inches

No.	A	B	C	D	E	F	G	H	I	J
Father	68	68	69	72	65	59	62	67	61	71
Son	65	64	67	69	64	60	59	68	60	64

10. Write short notes on any **two** of the following:

- (a) Mean, median and mode
 - (b) Correlation and limits of correlation
 - (c) Normal distribution and its characteristics
 - (d) Chi-square test and its properties.
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