SET –A

Unique Paper Code   : **12111101**

Name of the Paper   : **Introduction to Psychology – I (LOCF)**

Name of the Course   : **B.A. (H) Applied Psychology**

Semester   : **I**

Duration   : **3 Hrs.**

Maximum Marks   : **75**

Answer **only FOUR** questions. All questions carry equal marks. (4X18.75=75)

1. Discuss the structure and functions of neurons.

2. What is attention? Discuss the theories of selective attention with empirical evidence.

3. Compare classical and operant conditioning. Discuss the applications of classical conditioning.

4. Discuss reconstructive processes in human memory with suitable research examples.

5. i) Discuss cognitive learning approach citing relevant experimental evidence.
   ii) How can memory be improved?

6. i) Discuss Psychology as a scientific field of study.
   ii) What are the various laws of perceptual organization?

SET A

Unique Paper Code: 12111102
Name of the Paper: Research Methodology and Data Processing in Psychology-I (OBE)
Name of the Course: BA (Hons.) Applied Psychology
Semester: I
Duration: 3 hours
Maximum Marks: 75 Marks

Instructions for Candidates

*Attempt a total of **FOUR** questions: **Two** questions from **Part A** and **two** from **Part B**.*

*All questions carry equal marks i.e. **18.75**.*

PART – A

1. Elaborate in detail about steps in a scientific research process, highlighting the differences in a qualitative research paradigm and quantitative research paradigm with relevant example.

2. Discuss in detail the experimental method and observation method, highlighting their advantages and limitations

3. (a) Discuss the ethical considerations in research.
   (b) Critically evaluate the case study method

PART- B

4. What do you understand by levels of measurement? Calculate Mean, Median and Standard Deviation of the following data set:

Class Interval	Frequency
190-194	3
185-189	4
180-184	6
175-179	9
170-174	7
165-169	5
160-164	2
155-159	1

5. (a) Find the correlation between two sets of memory span scores given below and discuss the nature and strength of association as per the value obtained.

X	16	13	12	11	10	10	9	7	13
Y	10	9	8	14	12	8	7	6	5

(b) Discuss the factors that affect correlation.

6. (a) Discuss in detail about Normal Probability Curve and its characteristics with graphical representation.

(b) Assuming a normal distribution with 320 scores, a test has a mean score of 225 and SD of 19.

    i. Compute the score that separates the lower 40% of the cases from the rest
    ii. Find the score limits of middle 73 %.
    iii. How many individuals lie above the score of 245?