2023

PSYCHOLOGY — HONOURS

Paper : DSCC-1

(Introduction to Psychology)

Full Marks : 75

The figures in the margin indicate full marks
Candidates are required to give their answers in their own words as far as practicable

1. Write notes on ***any five*** (word limit for each **250**) : 5×5

   (a) Interview method

   (b) Ratio scale

   (c) Different types of neuron

   (d) Ogive

   (e) Continuous vs Discrete variables

   (f) Transduction

   (g) Distinction between physical measurement and psychological measurement

   (h) Computation of mode.

2. Answer ***any two*** from the following (word limit for each **700**) :

   (a) Discuss correlational method along with its advantages and disadvantages. 10

   (b) (i) What is the basic nature of experimentation? Explain it with an appropriate example.

   (ii) Why is random assignment of participants to conditions required in experiments? 6+4

   (c) What do neurons do? With a labelled diagram describe the basic parts of neuron. 3+4+3

   (d) Discuss with examples different determinants of attention. 10

   (e) What is a measure of variability? State the differences between semi-interquartile range and Standard Deviation as measures of variability. Compute the quartile deviation of the following achievement test scores in a groups of students. 1+5+4

Class Interval :	81 – 90	91 – 100	101 – 110	111 – 120	121 – 130	131 – 140
Frequencies :	7	12	19	24	14	4

3. Answer ***any two*** from the following (word limit for each **1000**) :

(a) Discuss the contribution of Behaviourism in the history of Psychology. 15

(b) Discuss the structure and functions of spinal cord with suitable diagram. 6+6+3

(c) What does the term absolute threshold (AL) refer to and what is the difference between absolute threshold (AL) and difference threshold (DL)? Elucidate the classical psychophysical methods. 6+9

(d) Discuss the different phenomena of attention along with adequate experimental evidences. 15

(e) (i) What is meant by normal probability distribution?

(ii) State the Gaussian equation of the unit normal curve.

(iii) Explain the properties of the normal probability curve. 4+1+10
