Sub. Code: USS/

1058

B.A./B.Sc. (General) Fourth Semester

Psychology

Paper: Experimental Psychology
(In all mediums)

Time allowed: 3 Hours

Max. Marks: 70

NOTE: Attempt five questions in all, including Question No. I which is compulsory and selecting one question from each Unit. Candidates are allowed to use statistical tables and non-programmable calculators.

x-x-x

- I. Attempt any seven of the following
 - a) Semantic Memory
 - b) Recall and Recognition
 - c) Proactive and Retroactive Inhibition
 - d) Phi-phenomenon
 - e) Illusions
 - f) Size Constancy
 - g) Concept Formation
 - h) Divergent and Convergent Thinking
 - i) Problem Solving
 - j) Skewness
 - k) Null Hypothesis
 - 1) Type I & Type II Error

(7x2)

UNIT - I

- II. Describe the stages of memory in detail with special emphasis on Information processing model. (14)
- III. Discuss the theories of forgetting in detail.

(14)

UNIT-II

- IV. Define perception. Elaborate form perception and the principals of perceptual organization. (4,10)
- V. Describe the nature and types of attention. Detail the factors affecting the process of attention. (4,10)

UNIT - III

- VI. Describe the meaning and nature of thinking. Write about the different tools used in the process of thinking. (6,8)
- VII. Elaborate the concept of creativity with reference to Torrance's theory of creativity.

 (14)

UNIT-IV

- VIII. Discuss the properties of normal probability curve. In the general intelligence test scores of 1000 cases, the distribution is essential!} normal with a Mean = 100 and SD = 20
 - a) What percentage of scores lie between 75 and 115?
 - b) How many cases score above 130?

(4,5,5)

IX. The table below shows the responses of males and females on willingness to use mental health services

	Probably No.	Maybe	Probably Yes
Males	17	32	11
Females	13	43	34

Does these indicate a significant relationship between gender and willingness to use mental health services? (14)