B.A./B.Sc. (General) Fourth Semester
Psychology
Paper: Experimental Psychology
(In all mediums)

Time allowed: 3 Hours

Max. Marks: 70

NOTE: *Attempt* <u>five</u> *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 <u>any seven</u> of the following:-
   a) Yates Correction
   b) Focus gambling
   c) Incubation
   d) Organ of Corti
   e) Division of Attention
   f) Organic Sensation
   g) Illusions
   h) Skewness
   i) Law of Closure
   j) Wavelength
   k) Convergent Thinking
   l) Type – I Error   (7x2)

UNIT – I

II. Elucidate on theories of auditory sensation.   (14)

III. Explain structure and functioning of eye with help of diagram.   (14)

UNIT – II

IV. Write short notes on:-
   a) Perceptual Constancies
   b) Figure and background principle   (7,7)

V. Define attention. Elucidate on subjective and objective factors affecting attention. (14)

UNIT – III

VI. Critically analyze Torrance theory of Creativity.   14

VII. Write short notes on:-
   a) Stages of Concept Formation
   b) Strategies of Problem Solving   (7,7)

UNIT – IV

VIII. Given a distribution of scores with a mean of 12 and σ of 4. Assuming normality, calculate:
   a) What percentage of cases fall between 8 and 16?
   b) What percentage of cases lie above score 18?   (7,7)

IX. 100 boys ad 60 girls were asked to select one of the five elective subjects. The choice of two sexes were tabulated separately.

Sex	Subjects					Total
	A	B	C	D	E	
Boys	25	30	10	25	10	100
Girls	10	15	5	15	15	60

Do you think of choice subjects is dependent upon sex of students?   (14)

x-x-x
(Hindi and Punjabi versions enclosed)

P.T.O.