

2025

**PSYCHOLOGY — HONOURS**

**Paper : DSCC-5**

**(Basics of Social and Industrial / Organizational 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 short notes on **any five** (word limit **250** each) : 5×5
  - (a) Scope of Social Psychology
  - (b) Formal and Informal group
  - (c) Observation method
  - (d) Any one leadership style
  - (e) Group cohesiveness
  - (f) Concept of organizational behaviour
  - (g) Social facilitation
  - (h) Organizational commitment.
  
2. Answer **any two** questions (word limit **700** each) :
  - (a) Define 'Industrial Psychology'. Elaborate the nature and scope of Industrial Psychology. 3+7
  - (b) Discuss the nature and types of groups. 10
  - (c) State the measures of reducing accidents in organizations. 10
  - (d) Explain the concept of public opinion and propaganda. What is the relationship between public opinion and propaganda? 5+5
  - (e) Define 'Crowd'. What are the characteristic features of a crowd? 3+7
  
3. Answer **any two** questions (word limit **1000** each) :
  - (a) Discuss the different working conditions that improve productivity. 15
  - (b) Elucide the applications of I/O Psychology. 15
  - (c) Discuss the scope and methods of Social Psychology. 5+10
  - (d) Define Leadership. Elaborate the functions of a good leader. 3+12
  - (e) Briefly discuss the different types of organizational commitment with research evidences. Relate with organizational Citizenship Behaviour. 10+5

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PSYCHOLOGY — HONOURS

Paper : DSCC-6

(Advanced Social 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 250 each) : 5×5
  - (a) Forms of social interaction
  - (b) Gender stereotype
  - (c) Cognitive dissonance
  - (d) Types of group
  - (e) Components of attitude
  - (f) Self enhancement
  - (g) Limitations in measurement of attitude
  - (h) Cultural factors in fundamental attribution error.
  
2. Answer *any two* from the following questions (word limit 700 each) :
  - (a) Define attribution. Discuss the different types of errors and biases in attribution. 2+8
  - (b) Highlight the role of schema in person perception. How does person perception influence social interaction? 5+5
  - (c) Differentiate between Thurstone and Likert's scale of measurement of attitude. 10
  - (d) Define leadership. Explain different types of leadership with suitable examples. 2+8
  - (e) Marginalization is the result of discrimination. Explain with suitable examples from Indian context. 10
  
3. Write *any two* from the following questions (word limit 1000 each) :
  - (a) Explain the structure of Self Regulatory System according to Bandura. 15
  - (b) Discuss how attitude can be changed following different theoretical perspectives. 15
  - (c) Critically discuss Social Comparison theory. 15
  - (d) Differentiate between Prejudice and Belief. Discuss the ways through which prejudice can be reduced. 5+10
  - (e) Differentiate between Conformity and Compliance. Discuss different techniques of compliance with suitable examples. 5+10

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## PSYCHOLOGY — HONOURS

Paper : DSCC-7

(Statistical Methods for Psychological Research - 1)

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 short notes on **any five** (word limit **250** words in each) : 5×5

- (a) Kurtosis
- (b) Types of Correlation
- (c) Type-I and Type-II error
- (d) Standard Error
- (e) Saturation Sampling
- (f) Bivariate distribution
- (g) Null hypothesis
- (h) Z Score.

2. Write **any two** from the following (word limit **700** words in each) :

- (a) What do you understand about correlation coefficients? Write down the properties of correlation. 3+7
- (b) Define statistics. Differentiate between parametric and non-parametric statistics. 2+8
- (c) Define hypothesis. Write down the characteristics of good hypothesis. 2+8
- (d) What are the assumptions of phi-coefficient? Two questions were asked to 205 High School students. To the first question 'Would you like to be an Aviator?' 145 students answered 'Yes' and 60 answered 'No'. To the second question 'Would you like to be an Engineer?' 125 said 'Yes' and 80 said 'No'. Is there any significant correlation between these two desires? 3+7

Critical $\chi^2$	df	0.05	0.01
Value	1	3.841	6.635

- (e) Write down the uses of chi square test. The table below shows the number of individuals from two groups differing in general ability passed and failed against item no. 27.

General ability	Passed	Failed
High Ability	31	19
Low Ability	24	26

Please Turn Over

(2507)

Determine whether item no. 27 differentiate between two groups of high and low general ability.

4+6

Critical	df	0.05	0.01
$\chi^2$ value	1	3.841	6.635

3. Write *any two* from the following (word limit 1000 words in each) :

- (a) What do you understand by probability sampling distribution? Discuss in detail the different probability sampling methods. 3+12
- (b) Write down the properties of the normal probability curve with a suitable diagram. 10+5
- (c) Define statistical inference. Write down the steps involved in drawing statistical inference. 3+12
- (d) Find out the correlation between following two sets of scores and comment on the result. 15

Subjects	1	2	3	4	5	6	7	8
X	15	18	22	17	19	20	16	21
Y	40	42	50	45	43	46	41	41

df	0.05	0.01
6	0.707	0.834
7	0.666	0.798

- (e) Write down the assumptions for t-tests. Following scores are obtained by two groups of students in vocabulary class and Latin class. Test the significance of the difference between the means of the two groups. 5+10

X1	20	16	25	34	20	28	31	24	27	15
X2	28	35	32	24	26	35				

Critical	df	0.05	0.01
t-score	14	2.14	2.98
	15	2.13	2.95

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PSYCHOLOGY — HONOURS

Paper : DSCC-8

(Research Methodology -I)

Full Marks : 75

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*Candidates are required to give their answers in their own words as far as practicable.*

1. Write short notes on **any five** of the following (word limit **250** each) : 5×5
  - (a) Problem
  - (b) Norms
  - (c) Sequence related variables
  - (d) Item analysis
  - (e) Validity
  - (f) Sources of hypothesis
  - (g) Principles of experimental design
  - (h) Case study.
  
2. Answer **any two** of the following questions (word limit **700** each) :
  - (a) Define hypothesis. What are the criteria of a good hypothesis? 2+8
  - (b) Discuss time series design. 10
  - (c) Define Reliability. Discuss any **two** methods of reliability. 2+4+4
  - (d) Discuss about complete randomized design. 10
  - (e) Define Psychological test. What are the characteristics of a standardized test. 2+8
  
3. Answer **any two** of the following questions (word limit **1000** each) :
  - (a) Define Field study. What are the different types of field study? How does field study differ from field experiment? 5+5+5
  - (b) Discuss Quasi Experimental Design. What are the advantages and disadvantages of Quasi Experimental Design? 9+3+3
  - (c) Define Validity. Discuss different methods of validity. 3+12
  - (d) What is experimental design? Discuss any one design with advantages and disadvantages. 3+12
  - (e) Discuss the techniques of controlling subject, situation and sequence related variables. 15