

Question Paper

Exam Date & Time: 19-Sep-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M. Phil. CLINICAL PSYCHOLOGY DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: GROUP A: PAPER - I - PSYCHOSOCIAL FOUNDATIONS OF BEHAVIOR AND PSYCHOPATHOLOGY
(MCP8101)
(2017 SCHEME)

Marks: 70

Duration: 180 mins.

Answer all the questions.

- 1) Critically examine the relationship between Attachment and Psychopathology outlining theories proposed by Bowlby and Ainsworth. (15)
- 2) Review the landmark studies pertaining to the effect of Expressed emotion on the course and outcome of Bipolar disorders. (15)

3. Write short essay on the following:

- 3A) Epidemiological studies conducted recently in India. (5)
- 3B) Taxon model of Pathological dissociation. (5)
- 3C) Neoconditioning and Phobia. (5)
- 3D) Culture bound syndromes. (5)

4. Write short notes on the following:

- 4A) Review the land mark studies on public attitude towards mental illness conducted in India. (4)
- 4B) Hopelessness theory of Depression. (4)
- 4C) Social change and mental illness. (4)
- 4D) Existential model of mental illness. (4)
- 4E) Ancient Indian concept of personality. (4)

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Question Paper

Exam Date & Time: 21-Sep-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIRST YEAR M.Phil. CLINICAL PSYCHOLOGY DEGREE EXAMINATION - SEPTEMBER 2022
SUBJECT: GROUP A: PAPER - II - STATISTICS AND RESEARCH METHODOLOGY (MCP 8102)
(2017 SCHEME)

Marks: 70

Duration: 180 mins.

1. Briefly explain the following:

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|-----|----------------------------------|-----|
| 1A) | Kurtosis | (2) |
| 1B) | Standard error | (2) |
| 1C) | Level of significance | (2) |
| 1D) | Two-sided test | (2) |
| 1E) | Incidence | (2) |
| 1F) | Sensitivity of a diagnostic test | (2) |

2. Distinguish between:

- | | | |
|-----|--|-----|
| 2A) | Interval scale and Ratio scale. | (5) |
| 2B) | Parametric tests and Non-parametric tests. | (5) |
| 2C) | Probability sampling and Non-probability sampling. | (5) |
| 2D) | Case control study and Cohort study. | (5) |

- 3) SBP (mmHg) of 10 patients admitted to cardiology department is given below. Compute the mean, standard deviation and coefficient of variation. (8)

142, 145, 144, 146, 143, 142, 141, 140, 148, 150

- 4) Explain the Situation for use of discriminant analysis. (5)

5. Suppose it is known that the response time of healthy subjects to a particular stimulus is a normally distributed random variable with a mean of 15 seconds and a standard deviation of 4 seconds. What is the probability that a random sample of 16 subjects will have a mean response time of:

- | | | |
|-----|----------------------------|-------|
| 5A) | 14 seconds or more? | (2.5) |
| 5B) | Between 13 and 17 seconds? | (2.5) |

- 6) The sample mean and standard deviation of the haemoglobin levels is known to be 12.46 and 2.8 g/dL as obtained from a sample of 100 women of a South Indian state. Construct a 95% confidence interval for population mean haemoglobin levels. (5)
- 7) What is randomization? What are its uses? Explain different types of randomization. (5)
(2+3 = 5 marks)

8. Write short notes on the following:

- 8A) Systematic sampling. (5)
- 8B) Simple linear regression. (5)

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