

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2024
(Fourth Semester)

Branch – CLINICAL PSYCHOLOGY

PSYCHOLOGICAL ASSESSMENT AND STATISTICS

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Which of the following refers to previous learning?
(i) Attitude (ii) Intelligence
(iii) Achievement (iv) Aptitude
- 2 Identify the general reliability estimate that Cronbach developed.
(i) coefficient beta (ii) coefficient theta
(iii) coefficient alpha (iv) coefficient delta
- 3 What are incorrect choices called in the response set of a measurement?
(i) stem (ii) leaf
(iii) Likert (iv) distractors
- 4 State the number of verbal subtests of the WAIS-III.
(i) 7 (ii) 8
(iii) 9 (iv) 6
- 5 What attempts to identify items that are specifically biased against any ethnic, racial, or gender group?
(i) Factor analysis (ii) *d.f.* analysis
(iii) DIF analysis (iv) Deviation analysis

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Define and explain psychological test.
OR
b State the properties of scales.
- 7 a Explain content-related evidence for validity.
OR
b Explain principal components in factor analysis.
- 8 a Explain Rosenthal effects in test administration.
OR
b State the two types of item formats commonly used in objective classroom examinations.

Cont...

- 9 a Describe the features of Malin's intelligence scale.
OR
b Show how Rorschach differs from TAT.
- 10 a State the traditional defense of testing.
OR
b State the application of AI.

SECTION -C (30 Marks)

Answer ALL questions
ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Elucidate the scales of measurement and their properties.
OR
b Interpret principles of psychological testing.
- 12 a Determine the estimates of reliability.
OR
b Interpret rotation methods in factor analysis.
- 13 a Elucidate Item Response Theory.
OR
b Analyze the applications of computer assisted test administration.
- 14 a Elucidate how IQ scores are determined on the Wechsler scales?
OR
b Analyze the behavioural assessment methods.
- 15 a Is test bias controversial? Justify your view.
OR
b Enumerate important current trends in the testing field.

Z-Z-Z END