PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

MSc DEGREE EXAMINATION MAY 2025
(Fourth Semester)

Branch – CLINICAL PSYCHOLOGY

PSYCHOLOGICAL ASSESSMENTS & STATISTICS

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions

ALL questions carry EQUAL marks   (10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Which type of psychological test measures an individual's ability to learn or perform specific tasks? a) Personality Test b) Aptitude Test c) Achievement Test d) Projective Test	K1	CO1
	2	What does the 75th percentile indicate in a dataset? a) 75% of scores are above this value b) The most frequent score in the dataset c) 75% of scores are below this value d) The average score in the dataset	K2	CO1
2	3	Which of the following statements about validity is correct? a) A test can be valid without being reliable b) Reliability guarantees validity c) A valid test must be reliable d) Reliability and validity are unrelated	K1	CO2
	4	What is the primary goal of factor analysis in psychometric research? a) To improve face validity of a test b) To determine the reliability coefficient c) To identify underlying constructs measured by test items d) To increase the number of test items	K2	CO2
3	5	Which factor is crucial when training test administrators? a) Familiarity with test items b) Standardized administration procedures c) Developing personal scoring methods d) Bias in scoring	K1	CO3
	6	What is the main advantage of computer-assisted test administration? a) Increased human interaction b) Greater subjectivity in scoring c) Immediate feedback and efficiency d) More examiner bias	K2	CO3
4	7	Which of the following is a non-verbal intelligence test? a) Stanford-Binet Scale b) Raven's Progressive Matrices c) Wechsler Adult Intelligence Scale d) MMPI	K1	CO4
	8	Alternative Apperception Procedures are mainly used for _____. a) Measuring intelligence b) Assessing personality through structured tasks c) Measuring academic performance d) Evaluating attention span	K2	CO4
5	9	Which of the following is a suggested solution for test bias? a) Ignoring cultural differences b) Developing culture-fair tests c) Using the same test for all groups d) Removing standardized testing	K1	CO5
	10	Computer-based assessments are beneficial because they _____. a) Increase human error in scoring b) Are slower than paper-based tests c) Improve accessibility and scoring accuracy d) Are difficult to standardize	K2	CO5

SECTION - B (35 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Discuss the role of psychological testing in clinical psychology.	K3	CO1
		(OR)		
	11.b.	Describe the impact of skewness and kurtosis in statistical distributions.		
2	12.a.	Explain the difference between Exploratory Factor Analysis (EFA) and Confirmatory Factor Analysis (CFA).	K4	CO2
		(OR)		
	12.b.	What is validity in psychological testing? Explore the difference between content validity and criterion validity.		
3	13.a.	Elucidate the key steps in test administration to ensure fairness and accuracy.	K4	CO3
		(OR)		
	13.b.	Compare and contrast computer-assisted test administration with traditional paper-based testing.		
4	14.a.	Enumerate the advantages and limitations of the Wechsler Intelligence Scale.	K4	CO4
		(OR)		
	14.b.	Describe objective methods of personality assessment.		
5	15.a.	Discuss two major issues shaping the field of psychological testing.	K5	CO5
		(OR)		
	15.b.	Elaborate the ethical concerns in AI-based psychological assessments.		

SECTION -C (30 Marks)
Answer ANY THREE questions
ALL questions carry EQUAL Marks   (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Explain the principles of psychological testing in detail and issues in psychological testing.	K4	CO1
2	17	Describe the steps involved in computing and interpreting the coefficient of reliability using Cronbach's alpha.	K5	CO2
3	18	Discuss in detail the different stages of test construction, from conceptualization to revision.	K5	CO3
4	19	Elaborate on projective methods of personality assessment.	K5	CO4
5	20	Elucidate the advantages and challenges of AI-based assessments in psychological testing.	K6	CO5