

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)MSc DEGREE EXAMINATION DECEMBER 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 ethical issue is most commonly associated with psychological testing? a) Standardization of the test b) Ensuring test reliability c) Invasion of privacy and confidentiality concerns d) Use of statistical analysis	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 is NOT a method for estimating reliability? a) Test-retest reliability b) Internal consistency reliability c) Face validity d) Parallel forms reliability	K1	CO2
	4	Which of the following is an advantage of orthogonal rotation methods in factor analysis? a) They allow for correlated factors b) They simplify interpretation by keeping factors uncorrelated c) They increase the number of extracted factors d) They remove all measurement error	K2	CO2
3	5	Which of the following is a disadvantage of instructor-made tests? a) Lack of standardization b) Higher reliability c) Validity is always ensured d) They are always objective	K1	CO3
	6	Stereotype threat refers to _____. a) The effect of cultural bias on test items b) Anxiety caused by awareness of negative stereotypes about one's group c) The examiner's bias in scoring test results d) Errors in test administration	K2	CO3
4	7	Who developed the first intelligence test? a) David Wechsler b) Alfred Binet c) Lewis Terman d) Charles Spearman	K1	CO4
	8	Behavioral assessment focuses on _____. a) Internal unconscious conflicts b) Cognitive distortions c) Observing and recording behavior in real-life settings d) Dream analysis	K2	CO4
5	9	Which is a potential downside of computer-based psychological testing? a) Less accessibility for people without technology skills b) Complete elimination of scoring errors c) Lack of psychometric validity d) No need for test standardization	K1	CO5
	10	What is an anticipated future trend in psychological testing? a) Increased use of AI and machine learning for assessments b) A complete return to paper-and-pencil tests c) A decrease in the importance of psychological testing d) The elimination of personality testing	K2	CO5

Cont...

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.	Explain the concept of test reliability and describe different types of reliability. (OR)	K3	CO1
	11.b.	Discuss the properties of a normal distribution and its significance in psychological testing.		
2	12.a.	List and explain at least three types of validity used in psychological testing. (OR)	K4	CO2
	12.b.	Briefly explain Item Response Theory (IRT) and how it differs from Classical Test Theory (CTT).		
3	13.a.	Define test conceptualization. Why is it considered the foundation of test development? (OR)	K3	CO3
	13.b.	Examine the purpose of test tryout. How does it help in refining test item.		
4	14.a.	Elucidate about alternative apperception procedures in personality testing. (OR)	K4	CO4
	14.b.	Elaborate the key features of the Binet Intelligence Scale.		
5	15.a.	Predict how AI will change the field of psychological testing in the next decade. (OR)	K4	CO5
	15.b.	Suggest two potential solutions to minimize bias in psychological testing.		

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	Describe percentile ranks, percentiles, and their applications in psychological testing and educational assessment.	K4	CO1
2	17	Explain the key psychometric properties of a good psychological test and discuss how factor analysis helps in test construction.	K5	CO2
3	18	Enumerate the essential components of training test administrators? How does this training influence test reliability?	K5	CO3
4	19	Discuss the Inkblot Test and the Thematic Apperception Test (TAT) in detail.	K5	CO4
5	20	Elaborate the problem of test bias in psychological testing and suggest possible solutions.	K6	CO5

Z-Z-Z

END