

Semester: VIII

Course no:613.3 Educational Psychology and Measurement Techniques-II (Theory) Credit Hours:2+1=3

Total Periods:60

1 Period= 45min

S.No	Topics	Main Points	References	Periods
1	Nature and Use of Psychological Testing	<p>What is psychological Testing? Nature, Objectives of Measurement (Reliability and Validity) definition, Theories;</p> <ul style="list-style-type: none"> • Reliability (Classical Reliability Theory, Test Retest Coefficient, Parallel Forms Coefficient, Internal Consistency Coefficient; (Split-Half Method, Kudar-Richardson Method, Coefficient Alpha) Interior scorer Reliability, Reliability of Criterion- Referenced Test. • Generalized Theory; Criterion- Related Validity, Predictive Validity, standard Error of Estimate, Factors Affecting Criterion Related Validity (Group Differences, Test Length, Criterion contamination), Incremental Validity , Uses of Psychological Testing 	4	
2	Development of Psychological Test	<p>Historical Overview, Mental Measurement in 9th Century, Testing in the Early 20th Century, Selected Events in the History of Psychology and Educational Measurement, Current Development, Test Classification</p>	6	
3	Intelligence and Aptitude	<p>Introduction, Definition, Types</p>	5, 6	
4	Intelligence Test	<p>Definition, History, Nature, Developmental Theories, Information Processing Theories, Classification of Intelligence from the point of view Administration and Nature of Items (Group and</p>		

		Individual Test in detail and others Name),Differences Between Group and Individual Test, Some Individual Intelligence test , Wechsler intelligence, WAIS III, WISC IV; Stanford Binet Test, Differential ability Scales, Detroit test of Learning Aptitude, Kaufman’s Intelligence Tests, Test Uses of Intelligence Test.	6, 8	
5	Test and Measurement	Definition(Test and Measurement), Test Design and construction <ul style="list-style-type: none"> • Planning a Test (Screening Test, Intelligence Test, personality Inventories and scale, Achievement test, Adaptive testing) • Table of Test Specification • Preparing Test Items (Selected Response Item and constructed Response Items) Test Administration and Scoring <ul style="list-style-type: none"> • Test administration; Examiners Duties Before, During and After a Test Test Scoring; Scoring Essay Test Scoring Objective Tests, Scoring Oral Tests.	6	
6	Special Abilities	Introduction, Concept of Giftedness, Talent and Creativity, <ul style="list-style-type: none"> • identifying Gifted, Talented and Creative Learners • Educational Programs and Provisions for Gifted Individuals • Strength and Limitations for Gifted, Talented and Creative individuals 	7	

7	Achievement Test	Definition, Types(Survey test Batteries, Single Survey Test, Diagnostic Test and prognostic Test), uses, Functions, Achievement Test in Specific Areas(Reading- readiness Test, Mathematics Test, Survey Mathematical test Diagnostic Test in Mathematics, prognostic Test in Mathematics, Language Test, English Language Test, Foreign Language Test, Social Studies and Science Test.	2, 6	
8	Inventories and Self	Introduction, Definition (personality inventories), Items of Inventories (i- Truthfulness, Reliability and Validity), Types of Personality Inventories (Single Construct and Symptom Inventories, Inventory Based on Content, Validation, Inventories based on Factors analysis inventories based on criterion keying)	2, 6, 10	
9	Projective Techniques	Definition, Types(Word association and Construction Technique, The Rorschach, The Thematic Appreciation test and Variations)	2, 6	

BOOKS RECOMMENDED

1. Anita. E. Woolfolk. 1990. Educational Psychology, 4th Edition, Prentice Hall, U.K
2. Lewis R.Aiken Allyn And Bacon In Search Of Human Mind; By: Sternberg; 2001 Thomson Learning Emea, Ltd; Psychological Testing And Assessment Date Of Publishing 1985 Inc. Fifth Edition.
3. L.L Kundu And D.N.Tutoo Educational Psychology Sterling Private Limited Fifth Revised Edition 1998.
4. Kevin R.Murphy Charles O.Davidshofer Psychological Testing: Principal And Applications Date Of Publishing 1991 Prentice Hall International N.Jersey
5. Anne Anastasi Psychological testing Date Of Publishing Company New York.
6. Lewis R. Aiken Psychological Testing and Assessment 12th Edition
7. Kerri – lee Krause Sandra Bochner Sue Duchesne, Educational Psychology for Learning and Teaching 2nd Edition
8. I.S. Sindhu Educational Psychology 2013
9. Anita E. Woolfolk, Educational Psychology 7th Edition

Semester:VII**Course no:613.3 Educational Psychology and Measurement Techniques-I (Practical)****Credit Hours:2+1=3**

S.No	Topics	Main Points	References	Periods
1	TO ADMINISTER psychological test on any ability	I. Introduction II. History III. Nature IV. Purpose V. Validity VI. Procedure of administration VII. Procedure of scoring VIII. Results IX. Conclusion		
2	To plan curriculum for various grades on each type	I. Definition II. Guideline III. Planning curriculum IV. Difference between curriculum and syllabus V. Importance of curriculum VI. Types of curriculum <ul style="list-style-type: none"> • Traditional • Thematic • Programmed • Classical • Technological 		

Marking Schemes Educational Psychology and Measurement Techniques II

MIDTERM 40 MARKS	
Theory = 32 marks 60-70 % Objective 30-40 Subjective	Practical = 8 marks Test administration/ theory confirmation/curriculum planning = 5 marks Attendance = 3
FINAL TERM 60 MARKS	
Theory = 48 60-70 % Objective 30-40 Subjective	Practical = 12 Marks Viva = 4 Written Work = 08 Marks