

Internal Assessment: 20

Examination: 80

Time : 3 hrs.

Note:-A) Eight questions would be set in all.

B) There would be two questions from each of the four units.

C) Candidate would be required to attempt four questions (selecting one from each unit.)

#### UNIT I

Psychological measurement: Meaning; Theory; Levels and problems in measurement.

Psychological scaling: Methods and applications: Paired comparison; Rank order; Equal appearing intervals.

#### UNIT-II

Test Construction and Standardization: Planning; Item composition; Quantitative and qualitative item analysis; Developing norms and cut scores.

#### UNIT-III

Reliability: Meaning; Types; Methods and estimate and factors affecting.

Validity: Meaning; Types; Procedures and factors affecting.

#### UNIT-IV

Factor Analysis: Assumptions; Methods; Rotation of factors; Interpretation and major pitfalls

Applications of Psychological testing: Clinical, Guidance & Counseling Organizational.

#### References:

Chadda, N.K. (2009). Applied Psychometry. New Delhi: Sage Publication.

Guilford, J.P. (1984). Psychometric Methods. (2nd Ed.), New York: Mc Graw Hill.

Heloday, R.D.(2012). Basics of Research in Behavioural Sciences. Wardha: Psycho scan.

Husain, A. (2012). Psychological Testing. Delhi: Pearsons.

Miller, L.A., McIntire, S.A., & Lovler, R.L. (2011). Foundations of Psychological Testing. London: Sage Publications, Inc.

Nunnalley, J.C., & Bernstein, I.H. (2010). Psychometric Theory. New Delhi: Tata McGraw Hill.

Raykov, T., & Marcoulides, G.A. (2011). Introduction to Psychometric Theory. New York: Taylor & Trancies Group.

Singh, A.K. (2006). Tests, Measurements and Research Methods in Behavioural Sciences. Patna: Bharti Bhawan.