## Syllabus for Ph.D. Entrance Test

## **PART A:** Research Methodology

- Teaching: Nature, objectives, characteristics and basic requirements; Learner's characteristics; Factors affectoing teaching; Methods of teaching; Teaching aids; Evaluation systems.
- 2. Research Aptitude: Research Meaning, characteristics and Types; Steps of research; Methods of research; Research Ethics; Paper, article, workshop, seminar, conference and symposium; Thesis writing: its characteristics and format.
- Reasoning (Including Mathematical)
- Logical Reasoning
- Data Interpretation
- Information and Communication Technology (ICT)

ಸ್ಯಾತತೋತ್ತರ ಗಣಿತಶಾಸ್ತ್ರ ಅಧ್ಯಂ ಮತ್ತು ಸಂಶೋಧನಾ ಏಭಾಗ ತುಮಕೂರು ವಿಶ್ವವಿದ್ಯಾನಿಲಯ ಕುಮಕೂರು-572 103