

Please find below the syllabus for the AI Thrust Area for the PhD Entrance Examination:

1. Discrete Mathematical Structures, Data Structures, Design and Analysis of Algorithms, Theory of Computation
2. Database Management Systems, Computer Organization and Architecture, Operating Systems, Compilers, Computer Networks
3. Software Engineering, Object-Oriented Programming
4. Artificial Intelligence and Machine Learning (AI/ML)

Question Paper Pattern:

Exam Duration: 2 hours

Maximum Marks: 60

Structure: 10 questions of 2 marks each, and 8 questions of 5 marks each.