

PGDDS ENTRANCE EXAM PATTERN AND SYLLABUS

Selection Criteria of the candidates

The selection to the course shall be based on common admission test conducted by the department. The test will be duration of two hours comprising 100×4 marks multiple choice questions from Mathematics, Statistics, Computer Science and Aptitude & Mental ability. The pattern of question paper shall be as follows:

Sl.	Subjects	No. of Questions
1	Mathematics	$25 \times 4 = 100$
2	Statistics	$25 \times 4 = 100$
3	Computer Science	$25 \times 4 = 100$
4	Aptitude & Mental ability	$25 \times 4 = 100$
	Total	$100 \times 4 = 400$
	Each Right answer will be awarded 4 Marks Each Wrong answer will be awarded 1 Negative Mark	

Mathematics: Number theory, matrix theory, set theory, Algebra, Graph theory, Permutation combination, Proposition logic & Numerical methods.

Statistics: Measures of central tendency, dispersion, skewness, and kurtosis. Correlation and regression. Probability, random variables, probability distributions, expectation, conditional probability and expectations.

Computer Science: Digital logic, computer organization, basic programming, operating systems, Data Representations, Assembly language, microprocessors, computer networks, Software Engineering basics and internet services.

Aptitude & Mental ability: Numbers, HCF & LCM, Average, problems on ages, Percentage, Profit and Loss, data interpretation, Ratio & Proportion, partnership, time and work, time and distance, problems on trains and odd man out & series.

Sd/-

Head Dept of I.T