Department of Mathematics

NOTICE

Date: 29/08/2019

Mid-sem ATKT Syllabus FYBCOM, FYIT, FYCS(Discrete Maths)

1. FYBCOM SEM I (Mathematical and Statistical Techniques!)

Commission and Brokerages, Discounts, permutation and combinations, Mean, Median, Mode, Standard deviation.

2. FYBCOM SEM II (Mathematical and Statistical Techniques)

Derivatives and Applications. Simple and Compound interests, Pearson's coefficient of correlation, Spearman's coefficient of correlation, Index numbers, Moving averages Method, North-West corner method rule.

3. FYCS SEM I (discrete Mathematics)

Functions, Relations, Recurrence relations, Graphs, Trees, Counting principles, permutations and combinations.

4. FYCS SEM il (Calculus)

Derivative of a function, upward and downward concave, Absolute maximum and minimum, Newton's method, Numerical integration, Euler's method, Partial derivatives, Gradient.

5. FYIT SEM I (Discrete Mathematics)

Set theory, logic of compound statement, sequences, Relations, Graphs, Trees, Probability.

6. FYIT SEM II (Numerical and Statistical Techniques)

Errors, solutions of algebraic transcendental equations, Interpolation, Gauss-Siedel method, Numerical integration and integration, Random variables.

HOD,

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