STD: XI (MAJ)   YA PRE CONTEST

03.03.20   DETAIL

ENGLISH

1. How did Shahid and Amitav become friends? What Fed and Strengthened their friendship.

2. The king of Melon city could not judge things in their correct perspective and so lost his life. Justify this statement.

MATHS

Chapter : Probability and Statistics

Ex: 16.3 and 15.1

PHYSICS

1. a) What is meant by banking of the curved road?

b) If a car having speed 50 km/h car round the curve banked at an angle θ.

Find out the value of θ, if radius of the curve is 40m and consider the friction is negligible ($\tan^{-1} 0.5 = 26.5$).

2. What is heat engine? Briefly explain its working principle?

CHEMISTRY

1. Explain Kolbe's electrolytic method with mechanism.

2. Write a short note on Friedel Crafts acylation reactions. Write down the mechanism involved in this reaction.

BIOLOGY

1. Describe the evolutionary change in the pattern of heart among the vertebrates.

2. Describe the various types of placentations found in flowering plants.

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03.03.20   DETAIL

ENGLISH

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ECONOMICS

1. Discuss in brief the various kinds of price Elasticity of supply.

2. Distinguish between Karl Pearson's Method (r_k) and Spearman's Method (r_s) of measuring co-efficient of correlation.

BUSINESS STUDIES

1. What is a commercial paper? What are its advantages and limitations.

2. What is the meaning of 'Certificate of Incorporation?

COMPUTER SCIENCE

1. a) Write a python program to compute simple Interest.

b) Write a python program to print fibonnacci series first 20 elements.

(OR)

2. a) What is the difference between interpreter and a compliler?

b) How does sort( ) works explain with example?

ACCOUNTANCY

Depreciation Sum No. 1 to 10.

Incomplete Records Sum NO. 14 to 23.