

SAINT JOHN'S ACADEMY

ASSIGNMENTS & PROJECTS FOR CLASS X

2017-18

NOTE: The Assignments/ Projects should be original and neatly presented.

ENGLISH LITERATURE

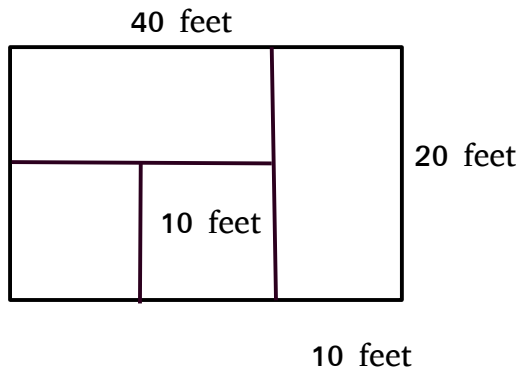
Assignment should be of 300 to 400 words each.

- Q1. Discuss the characters of Antonio and Shylock in the light of the play.
[Merchant of Venice]
- Q2. Discuss 'The Inchcape Rock' as a didactic poem. [The Inchcape Rock]
- Q3. How does the story, 'The Kabuliwala' convey the theme of human relationships?

MATHEMATICS

Attempt any three.

- Q1. Sample a couple of companies' shares listed on the stock exchange and prepare a list of the following data:-
- (i) Face value (F.V.) of the share.
 - (ii) Market value (M.V) of the share.
 - (iii) Dividend percentage (annual) announced.
 - (iv) If you are given Rs.50,000 to invest in one of the shares; where will you invest and how much will be your annual income?
- Q2. List the various formulae from the following chapters:-
- (i) Mensuration
 - (ii) A.P. & G.P.
 - (iii) Trigonometry
- Q3. With regards to the following mathematical terms, explain their meaning and usefulness. (You can use figures or diagrams or examples to demonstrate):-
- (i) Angle of elevation & depression.
 - (ii) Simple Interest & Compound Interest
 - (iii) Componendo & Dividendo
 - (iv) Arithmetic and Geometric Progression
 - (v) Annual Income & Percentage yield in share transactions.
 - (vi) Linear Equations and Inequations
 - (vii) Congruency & Similarity of Δ s.
 - (viii) Mean, Median & Mode (Basic understanding)
- Q4. From the following plan if the height of each wall is 10 feet then find the approximate number of bricks required to construct the wall if dimensions of the bricks are 2.5 inch x 4 inch x 9 inch and the width of wall is 9 inch all around.



Q5. Plot the graph of the following quadratic equation $a = x^2 - 4$ for x vs a .

GEOGRAPHY

Project should be made on any one topic. (20 – 25 pages)

- Q1. Tourism – Development of Tourism in India.
- Q2. Wildlife Conservation Efforts in India.
- Q3. Waste Management.

HISTORY

Present a life sketch and contribution of any one of the following presidents of India-
Dr. Rajendra Prasad, Dr. S. Radhakrishnan and Dr. A.P. J. Abdul Kalam.

COMMERCIAL APPLICATIONS

1. Study five different advertisements in any one media of the FMCG such as Coke, Pepsi, Lux, Surf etc. and explain their positive and negative points.
2. Study the product life cycle. Using add gel pens (or any other product) explain in which part of the PLC are they, giving valid justification.
3. Make a report on new forms of markets and marketing such as tele – markets, home shopping (catalogues like Burlingtons etc.), Direct marketing (example Eureka Forbes). What is their relevance in future and why?
4. Write an essay on the rate of the Central Bank (Reserve bank of India) in any economy with special reference to the Indian Scenario.

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