

SAINT JOHN'S ACADEMY

ASSIGNMENTS & PROJECTS FOR CLASS IX

2018-19

NOTE: The Assignments/ Projects should be original and neatly presented and submitted to the Subject Teacher by **15th July 2018**.

ENGLISH LITERATURE

Poetry: In the poem 'The Heart of the Tree', how does the poet justify that trees contribute in a great way to the Civic good?

Prose: The story, 'Old man at the Bridge' brings out the theme of 'Comparison'. Explain.

Shakespeare: Write a brief sketch of :

- (i) Antonio
- (ii) Bassanio
- (iii) Portia

MATHEMATICS

Attempt any three.

- (1) Show the geometric verification of identity $(a^2 - b^2) = (a + b)(a - b)$ by paper cutting and pasting method.
- (2) Show (by paper pasting method) that the sum of interior angles of a triangle is equal to 180° .
- (3) Make a detailed note on life of Ramanujan and his contribution in Mathematics using the following outlines
 - (i) Write about his life.
 - (ii) Write about his contribution to the field of mathematics.
- (4) Write and explain the criteria for congruency of two triangles.

GEOGRAPHY

Attempt any one.

- Q1. Make a project on the Natural Regions of the world based on its climatic conditions., natural vegetation and wildlife. Make it interesting by pasting pictures.
- Q2. Prepare a pictorial representation of the Landforms of the Earth. Give examples of atleast two for each kind with pictures.
- Q3. Make a project based on pollution – The different kinds, causes, effects and preventive measures. Collect recent data related to the topic.

HISTORY

Q1. The Indian constitution protects the right of children, women, minorities and weaker sections. Elaborate on the basis of a case study.

OR

Q2. Make a comparative study of the Harappan and the Mesopotamian Civilization.

COMMERCIAL APPLICATIONS

1. Study the working of Fast Moving Consumer Goods (FMCG) industry in India – take any four firms of the industry and group them according to their objectives (Profit/ Non – Profit Making)
2. A comparative study of different core industries in India – take any five industries (such as cement, steel, paints, paper, infrastructure) and group them according to various factors such as growth, profit potential etc.
3. Critically evaluate the ways (verbal & non – verbal) of business communication in a commercial organisation. Write the factors which make one or the other method appropriate based on your understanding of commercial organisation.
4. Critically evaluate the tools (letters, e-mails, video conference, memo, phone) of business communication in a commercial organisation. To visit any commercial organisation, to understand the working & importance of each of these tools.

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