



CLASS-IX

(ENGLISH)

1. Read the following passage and answer the following questions.

The world is full of people who only live for themselves. Most of us care only for our own needs, comforts and ambitions. At the most, we live for our children and close friends. But of what use is our prosperity to others? We should measure our achievements not by the wealth we have amassed, but by what we have done to add to human happiness.

To know whether our lives have been lived fruitfully, let us ask ourselves, "Have we comforted those in distress? Have we fought injustice and cruelty in life? What have we done for the joy of doing it?" If the answer is in the negative, the best part of our lives has been wasted.

Selfless service is the watchword along the road to salvation. One must learn to live for others. Behold the Lord in the poor, the downtrodden, the oppressed and the lowly ones. In any machine, the smallest bolt or spring is as essential to its smooth running as the mighty wheel.

Similarly, in an organized effort, even the one who does even the least work, or attends to insignificant details, contributes as much to the success of the endeavour as the chief organizer himself for even if there is a small defect, perfect success cannot be achieved. Utilize every minute in serving others in the best possible manner.

Questions:

- How do most of the people in this world live?
- How should we measure our achievements?
- According to you, how can a person live life fruitfully?
- What contributes to the success of man's endeavour?

2. Prepare an English Portfolio based on the autobiographical work "My Childhood" by APJ Abdul Islam.

Textual Question Answer

- Justify James Kirkup's nicely entitled poem 'No Men Are Foreign'.
- Describe Kalam's relationship with his three Hindu Brahmin friends.
- What type of inspiration can one draw from the life of Santosh Yadav?
- How did Prashant become a hero in the eyes of his villagers?

(HINDI)

1. एक पत्राधान (पोर्टफोलियो) बनाएँ।
2. ऋतुराज वसंत, मेरे जीवन का लक्ष्य, मेरे प्रिय लेखक; तीनों पर अनुच्छेद लिखें।
3. टीवी चैनल पर प्रसारित होने वाले किसी धारावाहिक की कहानी पर आपत्ति जताते हुए चैनल के निदेशक को एक पत्र लिखें।
4. किसी पर्वतीय क्षेत्र के भ्रमण के बारे में बताते हुए अपने मित्र को एक पत्र लिखें।

(SANSKRIT)

- 1) दीपावली एवं छठ पर्व किस तरह मनाया अपने इसपर १०वाक्य संस्कृत में लखें।सचित्र वर्णन चार्ट नेत्र: पर लिखें।

(MATHEMATICS)

1. Prove that the diagonals of rectangle are equal.
2. Prove that the diagonal of a rhombus bisects each other at right angles.
3. Prove that in a parallelogram, the bisector of any two consecutive angles intersect at right angles.
4. Write Midpoint Theorem.
5. If the diagonals of a quadrilateral are equal and bisect each other at right angles then prove that the quadrilateral is a square.
6. If each pair of opposite sides of a quadrilateral are equal then it is a parallelogram.
7. ABCD is a rhombus. Show that diagonal AC bisects $\angle A$ as well as $\angle C$ and diagonal BD bisects $\angle B$ as well as $\angle D$.
8. ABCD is a rhombus and P, Q, R and S are the mid-points of the sides AB, BC, CD and DA, respectively. Show that the quadrilateral PQRS is a rectangle.
9. ABCD is a rectangle and P, Q, R and S are mid-points of the sides AB, BC, CD and DA, respectively. Show that the quadrilateral PQRS is a rhombus.
10. Show that the line segments joining the mid-points of the opposite sides of a quadrilateral bisect each other.

PROJECT:- (Use Practical Copy)

1. Verify that the Sum of the Angles of a Quadrilateral is 360° .

2. Verify that the Opposite Angles of a Cyclic Quadrilateral.

(SCIENCE)

write down the answer of the following questions

1. State Newton's universal law of gravitation .
2. what is the importance of universal law of gravitation?
3. If the moon attracts the earth, why does the earth not move towards the moon?
4. why will a sheet of paper fall slower than one that is crumpled into a ball?
5. Draw and label the diagram of a Plant cell.
6. Mass of an object is 10kg. what is its weight on the earths ?
7. what is the role of epidermis in plants?
8. what is the specific function of the cardiac muscle ?
9. Draw a labelled diagram of a neuron.
10. What produces more Severe burns, boiling water or steam?
11. convert the following temperature into kelvin Scale
(a) 25°C (b) 373°C
12. why is ice at 273K more effective in cooling than water at the same temperature?

project :- Prepare a portfolio report on the Poultry farming.

(SOCIAL SCIENCE)

1. What was the Treaty of Versailles ?
2. Why did Nazism become popular in Germany by 1930?
3. What factors are influencing India's climate ?
4. How do education and health contribute to human capital formation?
5. What are economic activities ?

Project Work : Make a Project OR a Model on the topic '-Poverty As A Challenge'.

(I.T)

HOLIDAY HW: PREPARE PRACTICAL FILE ON THE LAB WORK PDF GIVEN IN THE CLASS WHATSAPP GROUP

PROJECT WORK: PREPARE A PROJECT IN CHANNEL FILE ENLISTING ANY 10 INDIAN ENTREPRENEUR WITH PHOTO AND EXPLANATION ABOUT THEIR INNOVATION OR IDEA .

