

Adarsh Public School
Summer Holiday Home work
Class – 10th

• **Subject: Science**

Draw the diagram of cross section of leaf open and closed stomatal pore, nutrition in amoeba, human elementary canal, human respiratory system also write about them.

• **Subject: English**

Question 1: 5 unseen passages with questions and answers(board papers) notebook .

Question 2: Summaries of the following chapters (notebook)

1. A letter to God
2. Stories about flying
3. A midnight visitor
4. A thief story
5. A triumph of surgery

Question 3: Three letters of c complaints and three letters of enquiries.

Question 4: Prepare a file containing the biographies of any 2 writers and any 2 poets with their pictures.

• **Subject: Mathematics**

Question 1: Draw the graph of equation

$$4X - y = 4 \text{ and } 4X + y = 12$$

determine the vertices of triangle formed by the lines representing these equations and X axis shade the region so formed also find the area of triangle.

Question 2: A man travels 600 kilometre partly by train and partly by car it takes 8 hour and 40 minutes if he travels 320 kilometre by train and the rest by car it would take 30 minutes more if he travels 200 kilometre by train and the rest by car find the speed of train and the car separately.

Question 3:- Solve for X and y

$$X + 4Y = 27 \quad XY$$

$$X + 2Y = 21 \quad XY$$

Question 4: A 2 digit number is obtained by either multiplying the sum of the digits by 8 and then subtracting 5 by multiplying the difference of the digit by 16 and then adding 3 find the number.

Question 5: If 4 times the area of smaller square is subtracted from the area of larger square the result is 144 metre square the sum of area of 2 square is 464 metres square determine the side of two squares.

Question 6:- Coordinator of a school decided to have maximum number of mixed section for a team each section has to accommodate equal number of boys and equal number of girls what is the Max maximum number of such sections if there are 525 boys and 645 girls which

Question 7: A gardener wants to plant 66 mango trees 88 orange trees and 110 apple trees in equal rows (in terms of number of trees) also he wants to make distinct rows of trees (only one type of tree in one row) find number of minimum rows.

Question 8: In a flight of 600 kilometres an aeroplane was slowed down due to bad weather its average speed for the trip was reduced by 200 kilometre per hour and the time of flight increased by 30 minutes find the original duration of flight.

• Subject- Hindi

1. परियोजना कार्य :- परियोजना (प्रोजेक्ट) कार्य हेतु चयनित विषय
क) महाकवि गोस्वामी तुलसीदास जी ख) कवि सूरदास जी
परियोजना कार्य हेतु कम मुख्य पृष्ठ घोषणा पत्र, आभार पत्र, अनुक्रमणिका विषय सूची), लेखक फोटोग्राफ
2. सकेत बिंदु -
 - (1) जीवन परिचय
 - (2) पारिवारिक पृष्ठभूमि व गतिविधिया
 - (3) साहित्यिक पृष्ठभूमि व साहित्यिक विशेषताए
 - (4) हिंदी साहित्य में स्थान
 - (5) सम्मान व उपलब्धिया
 - (6) रचनाए
 - (7) पाठ्यक्रम में वर्णित रचना के प्रमुख अंश
 - (8) निष्कर्ष या उपसंहार
3. महत्वपूर्ण बिंदु
 - (1) परियोजना कार्य स्व लिखित एवं क्रम अनुसार होना चाहिए।
 - (2) वर्णित विषय वस्तु अनुसार फोटोग्राफ लगाना अनिवार्य है।
 - (3) परियोजना कार्य 15 से 20 पेज में पूर्ण होना चाहिए।
 - (4) लिखावट सुंदर एवं स्पष्ट होना चाहिए।

• S.S.T

- 1) Geography :- Subject Activity 1, Page no 1- 8 (in lab manual)
- 2) History :- Subject Activity 1, Page no 24-27. (in lab manual)
Value Based Project Page no 37 (in lab manual)
- 3) Civics :- Subject Activity 1, Page no. - 52, 53, 54, 55, 56, 57, 58(in lab manual)
- 4) Economics :- Subject Activity Page no. 61-64 (in lab manual)
Case based study 71-74 (in lab manual)
- 5) Do 20 multiple choice questions from chapter 1 and 2. (Geography, history, civics, economics)

• Computer

1) ASSESSMENT:-

1. Define networking?
2. Give any three advantages of networking.
3. Explain the term packet with reference to data transfer.
4. Explain transmission media and its types.
5. Compare Wifi with WiMax
6. Explain the following terms:
 - a. DSL
 - b. LAN
 - c. ISP
 - d. MAN
 - e. Modem
 - f. www
 - g. WAN
 - h. URL
7. Explain P2P Architecture and how it is different from Client Server architecture?
8. What do you mean by instant messages?
9. Give any three key features of Instant Messaging.
10. What is a blog? Explain its use? List any 5 websites that provide blog service.