



HOLIDAYS HOMEWORK 2016-17

CLASS IX



ENGLISH

- Q1. Read Gulliver's Travels (Part I & II) and write chapter wise summary in Scrap book.
Q2. Write a diary entry every fortnight, describing what you did in the past fifteen days. Describe the good and bad moments you experienced in your diary entry. (in Scrap book)

MATHEMATICS

A) SOLVE THE FOLLOWING QUESTIONS:-

- How many Sacks are required for filling 1026 kg of rice if each sack is filled with 114 kg of rice.
a. 10 b. 13 c. 9 d. 7
- The ratio between present age of Tarun & Varun is 3:7. After four years Varun's age will be 39 years. What was Tarun's age four years ago.
a. 11 b. 14 c. 5 d. 18
- $\frac{7}{15}$ of $\frac{5}{12}$ of 540.
a. 135 b. 105 c. 60 d. 200
- What will be the next term.
23 32 45 62 83 ?
a. 105 b. 98 c. 108 d. 120
- Length of rectangle is 24cm, which is 10cm more than the diameter of circle. What is the area of circle.
a. 132 b. 154 c. 90 d. 60
- A train running at the speed of 90km/h crosses a platform double its length is 365. What is the length of Platform in meter.
a. 480 b. 700 c. 600 d. 530

7.The mean of Five Consecutive no. is 7.Which is the highest no.

- a. 12 b. 6 c. 7 d.9

8.Amit purchased a book with 10% discount on labeled price. How much did he pay if the labeled price was Rs. 600.

- a.540 b.340 c. 640 d.740

9. 64% of ?=723 +45.

- a. 1000 b.1250 c.1200 d.1400

10.If the three fourth of a number is Subtracted from the number,the value so obtained is 163.What is the no.

- a. 558 b.652 c.700 d. 350

11.It is required to get 40% marks to pass an exam.A candidate scored 200 marks and failed by 8 marks.What were the maximum marks of that exam.

- a . 420 b. 400 c.508 d. 520

12.A sum of money fetches rs. 240 as simple interest at the rate of 5 % p.a. after 6 years. what is the principal?

- a. 800 b.1200 c.1000 d.900

13.16 men can complete a work in 12 days.In how many days will 24 men complete the same work.

- a. 12 b.8 c.10 d. 14

14. $\frac{363}{?} = \frac{?}{3}$

- a. 42 b.38 c.32 d. 33

15.At each corner of Square park with side equal to 40m,there is a flower bed in the form of a sector of radius 14m.What is the area of the remaining part of the park.

- a. 942 b.838 c.984 d. 884

B)WRITE ALL THE FORMULAS OF THE FOLLOWING CHAPTERS ON A CHART PAPER:

- NUMBER SYSTEM
- POLYNOMIALS
- COORDINATE GEOMETRY

IT

Referring to the last pages of your Computer book, create one of the best Poster/Report in OpenOffice Writer covering any one of the following topic-

- IT Inventors
- Latest updates on IT
- IT Terminology

Bring the hard copy of the same.

HINDI

अस्वस्थ मित्र की मनोबल वृद्धि के लिए कार्ड बनाएँ—

*तैयार कार्ड में सुंदर कविता, सूक्ति, प्रशंसात्मक वाक्य आदि लिखें।

*सुंदर चित्रों का प्रयोग करें।

SCIENCE

1.

Objective: To make 2D models of plant tissue

- ♦ You are provided with the following materials:
 - Small-sized balloons of pastel colours
 - Small-sized balloons of green colour
 - Wheat flour (or daliya) and water
 - Sponge balls (magic balls)
 - 15-20 long cardboard sheets (2 x 9 inches)
 - Small tennis balls
 - Plaster of Paris
 - Fevicol

Choose any one of the following:

- ♦ Choose appropriate materials out of the ones mentioned above to make a model of the plant tissue allotted to your group (storage parenchyma, chlorenchyma, aerenchyma, collenchyma or sclerenchyma).
- ♦ Remember that you have only 15 minutes to make your model.
- ♦ Give a five-minute group presentation highlighting the characteristic features of your tissue model. Include your reasons for selection of the particular materials to make your model.
- ♦ After all groups present their model, write five characteristic features of each of the plant tissues individually and submit it to your facilitator.

2.

Design a three-fold catalogue on 'Solutions', keeping in mind that the catalogue designed by you should convey all the information about the topic provided in the concept book.

Refer to the rubric to design the catalogue.

Your written/printed text should convey all the concepts covered in the chapter. You can also use photographs, illustrations, clip arts, vector images and so on from magazines, science journals, newspapers, the Internet, etc. to make your catalogue attractive and more informative.

You should follow the instructions given below for creating your catalogue:

- Take a white chart paper and fold it such that the whole chart paper is divided into three equal parts as shown in the figure given aside.
- Assign page no. 1 to the part on the extreme left, page no. 2 to the part in the middle and page no.3 to the part on the extreme right.
 - **Contents of Page no. 1:** Introductory information about solutions, different types of solutions
 - **Contents of Page no.2:** Introduction and details of true solutions, qualitative and quantitative interpretation of concentration of solutions
 - **Contents of Page no.3:** Concept of saturated, unsaturated and supersaturated solutions, solubility and factors affecting solubility



After you finish designing your catalogue, give a 5-minute presentation for highlighting the salient features of your catalogue and explain why one should read your catalogue. All three members should participate in the same.

3. Draw graphic organizers depicting differences between:

- Speed and velocity**
- Distance and displacement**
- Acceleration and retardation**

SST

Prepare a project file with following details:

- 1. The total length of the project report should not be more than 10 written pages of (A-4 size).**
- 2. The project report should be handwritten with original drawings, illustrations and creative use of materials.**
- 3. The project report should be presented in a neatly bound simple folder.**
- 4. The project report should be developed and presented in this order**
 - **Cover page showing project title, student information, school and year.**
 - **List of contents with page numbers.**
 - **Acknowledgements (acknowledging the institution, offices and libraries visited and persons who have helped).**
 - **Chapters with relevant headings.**
 - **Summary and conclusions based on findings.**
 - **Suggested Projects [Do any ONE project]**

Women's Role in History

- 1. World Peace and Security**
- 2. Changing area under Forest and its impact on Environment**
- 3. Conservation of Natural Resources**
- 4. Water Resources**
- 5. Analyzing the composition of the Lok Sabha**
- 6. Elections in India**

