Holiday Homeworks

Std:IX

(Mathematics)

    1   Exercise 1.1: 1 to 4

    2   Example 3 & Example 4 (Page No.7)

    3   Exercise 1.2: 1 to 4

    4   Exercise 1.3: 1

अवकाश गृहपाठम् कक्षा 9 संस्कृतम्

1. अकार, इकार, उकारान्त पुल्लिङ्गशब्दाः, अकार, इकार, उकारान्त नपुंसक लिङ्गशब्दाः, ईकारान्त उकारान्त स्त्रीलिङ्गसशब्दाः, किम् , तत्, अस्मत् युष्मत् शब्दाः

2. भू , पठ्, नम् , गम्, दृश्, सेव् धातूनाम् लट् लङ्ग्, लृट् लकाराः लिखतु

BIOLOGY

1. Draw and label

a) Prokaryotic cell

b) Plant cell

c) Animal cell

2. Explain cell theory

3. How is prokaryotic cell different from eukaryotic cell?

4. Make a comparison of plant and animal cell

PROJECT ON THE TOPIC- FOOD RESOURCES

ENGLISH

1. Learn 2 poems for poem recitation (you can learn the poem of your text also).
2. Compose 2 poems.
3. Prepare a scrapbook on the first 3 topics of your MCB book.
4. Read the novel "Three men in a boat" and write the summary of first ten chapters.
5. Read newspaper daily and write a report on important topics.

6. Read story books and write book review of any two storybooks.

CHEMISTRY

CLASS IX

1) Write and try the activities given in the class IX NCERT text - chapter I , showing that

a)particles of matter are continuosly moving

b)particles of matter are very small

c)particles of matter attract each other

2)Suggest similar activities to prove the same

Class IX Physics Holiday Homework

1.Define the terms rest and motion with suitable examples

2.A body is thrown up to a height of 'h' m .What is the distance travelled and the displacement of the object if it returns to the position of start.?

3.Suppose an athlete takes 4 rounds of a track of length 300m ,what is the distance travelled and the displacement ?

4.A particle moves around a circle of radius 10cm . What is the distance and displacement of the particle when it completes 3 ½ rotations?

5.On cloudy days when there is thundering and lightning observe the time interval between a flash of lightning and the sound of thunder heard by you. Measure it using a digital wrist watch and calculate the distance of the point of lightning .Repeat the same for 7 days and tabulate your observations . Compare it with the rainfall on the respective days and try to infer a relation between distance of cloud and amount of rainfall.

Date	Time interval between lightning and sound of thunder (t seconds)	Distance of cloud D =346 x t	Amount of rainfall

6. Whenever you go out of your house either to a friends house or to market or anywhere measure the time you start from your house and the time you reach your destination .Calculate the distance of each place from your house . Take average speed of walking as 4Km/h if you go on foot ,or if you travel by any motor vehicle

check the speedometer with the help of the person driving the vehicle and hence calculate the distance

Date	Time of departure	Time of arrival at destination	Time interval (t)	Mode of travel	Speed of travel	Distance between house and destination

7. Express a speed of 60m/s in km/h, km/mt , km/s, m/mt, m/h and cm/s.

HINDI

1. किन्हीं चार पुस्तकों का अवलोकन −For FA 2 Evaluation

(minimum 3 pages for 1 book review)

2. किन्हीं चार विषयों पर स्वतंत्र रचना -For FA 2 Evaluation