Dr. Virendra Swarup Education Centre, N-Block, Kidwai Nagar, Kanpur
Holiday Homework
Class: 9

English

Students often get confused and are in dilemma regarding which stream to choose in class XI. Write an article on it in about 100-200 words in your composition register.

Hindi

1. 'मेरा लक्ष्य और उसे प्राप्त करने की योजना' विषय पर 120 शब्दों में एक अनुच्छेद लिखिए।

2. अपने मित्र को सर्दी की छुट्टियों में बिताये गए अनुभव के बारे में एक पत्र लिखिए ।

   (दोनों ही कार्य हिंदी व्याकरण उत्तरपुस्तिका में किये जायेंगे)

Maths

Solve all the exercises Questions of Chapters – Triangles, Circles & Quadrilaterals from NCERT Book of maths in Maths Revision Register.

Science

Physics

Practice Questions:-

Q1.   Mr. Narang while going to his office first goes 5 Km towards south to drop his mother at a temple, then he turns and goes 12 Km towards east. Calculate (i) total distance covered (ii) net displacement of Mr. Narang.

Q2.   Name the kind of motion, the following will perform:

(a)   A free falling stone

(b)   Motion performed by the moon around the sun.

(c)   Motion of a bullet fired from a gun

(d)   A ball tied to a string and whirled around in a circle over the head.

Q3.   A train starting from rest attains a velocity of 90 km/hr in 20 minutes. If it is assumed that acceleration is uniform, find (a) its acceleration (b) distance travelled by the train for attaining this velocity.

Q4.   A body covers one complete revolution around a circular park of circumference 176 m in 4 minutes. Find the displacement of the body after 6 minutes.

Q5.   A body moves with a velocity of 2m/s for 5s then its velocity increases to 10m/s in the next 5 seconds. Thereafter its velocity begins to decrease at a uniform rate until it comes to rest after 10 seconds. (a) Plot a velocity-time graph for the motion of the body.
(b) Use graph to find the distance covered by the body in last 10s.

Q6.   A man travels from city X to city Y and returns to city X on his motor bike. The distance between the two cities is 260 km and the man takes 4 hours 20 minutes to complete his journey. Find his average speed and average velocity in km/h.

Q.7.   Create 5 MCQ from each chapter.

 Chemistry

Solve the assigned Numerical Worksheet.

 Biology

From all the three chapters frame 20 assertion reasons from each chapter in your biology notebook.

S.St

History/Geography
Prepare a map file consisting all the maps of BOARD CONTENT. (11 Maps)
History – 3 Maps (France, 2 World maps)
Geography – L-1 (3 India Political Maps – States, Union Territories with capitals, India's extension, Neighbouring countries of India
L-2 (4 Maps, Mountain Ranges, peaks, plateaus, coastal plains)
L-3 (3 Maps, The Himalayan River, The peninsular rivers, lakes)
L-4 (1 Map, Annual rainfall of India)
L-6 (1 Map, State having highest density of population and state having lowest density of population.
Computer
Find out two case based Questions from each chapter and write down in your computer notebook.