CLASS IX-A-B SOCIAL SCIENCE

.1 .1Prepare a question bank of 100VSA type questions and its answer in H.W copy History

ch- 2,Geography ch-2,civics ch-2,Eco ch-.1

.2Map skill-chapter 1to 6Do Map work of Geography Book

.3Write a paragraph about 250words of Jammu & Kashmir tourism.

WORK EXPERIENCE HOLIDAY'S HOMEWORK
CLASS IX

MAKE ANY ONE ELECTRIC CIRCUIT
A) STAIR CASE WIRING
B) EXTENSION BOARD

CLASS IX (A+B) MATHS

1. **Practice all exercises and examples of chap 1 to 3**
2. **Find out**

   A. midpoint of line segment , B. bisector of an angle , C. median of a triangle by paper folding method.
3. **Draw mirror image of geometrical figure with respect to the x-axis and y-axis.**
4. **Make a square root spiral.**
5. **To interpret geometrically the factors of a quadratic expression slips of the type ax^2 +bx+c using square grids, strips and paper slips.**
6. **Make magic squares of 3*3 and 4*4 by their own.**

COMPUTER HOLIDAY HOMEWORK
CLASS X

➔ **EVERY STUDENT WILL MAKE A CHART ON COMPUTER DEVICES**
➔ **MAKE FLOW CHARTS ON SIMPLE, CONDITIONAL , ITERATION**
➔ **MAKE PPT ON ARTIFICAL INTELLIGENCE, OPERATING SYSTEM, HTML AS PER YOUR CHOICE**
➔ **ALL STUDENT WILL MAKE THEIR OWN EMAIL ID**
➔ **READ COMPLETE HAND BOOK REALTED TO CYBER SECURITY**

ART EDUCATION
HOLIDAY HOMEWORK 2019-2020

CLASS IX
1. Make any two print using stencil and spray technique.
2. Make any 3D mask of any famous character
3. Make any 3D craft using waste material of your home.

NOTE :-

Class sixth to tenth all students make a painting of any topic on FINE ART CANVAS BOARD.

Size:-

 30.48cm x 40.64cm   (12 x 16) inch

Colour use in painting:-

1. Acrylic colour
2. Oil colour

HOLIDAY HOMEWORK   CLASS IX (SUMMER VACATIONS) II SHIFT
SCIENCE

1. MAKE A WORKING MODEL TO SOLVE YOUR DAILY LIFE PROBLEMS
2. LEARN LESSONS
    1. MATTER IN OUR SURROUNDINGS
    2. THE FUNDAMENTAL UNIT OF LIFE
    3. MOTION
3.   MAKE EXTRA QUESTIONS AND ANSWERS FROM ALL THREE LESSON 10 FROM EACH
         LESSON WITH ANSWERS. WRITE IN H.W NOTEBOOK .
4. READ LESSONS
    1. CHAPTER 6 TISSUES
    2. IS MATTER AROUND US PURE?
5. DRAW WELL LABELLED DIAGRAM OF FOLLOWING ON A4 SHEET ON SEPARATE SHEET WITH COLOURFUL DIAGRAM
    1. ANIMAL CELL AND PLANT CELL.
    2. PROKARYOTIC CELL AND PLANT CELL.
    3. DRAW CELL ORGANELLES [MITOCHONDRIA , NUCLEUS, CHLOROPLAST.
    4. DRAW DIAGRAM SUBLIMATION.
    5. THREE TYPES OF MUSCLES { CHAPTER 6 TISSUE } WITH THEIR INFORMATION

CLASS 9th CHEMISTRY(2019-2020)

QUESTION 1; ACTIVITY

1. Matter is made up of particles [activity 1.1]

2. How small these particles of matter [act. 1.2]

3. Particles of matter have space between them [act. 1.5]

4. Particles of matter attract each other [act. 1.6]

5. Solid state [act. 1.9]

6. Liquid state [act. 1.10]

7. Gaseous state [act. 1.11]

8. Sublimation [act. 1.13]

QUESTION 2;
 1.What is Evaporation? Explain with examples?

QUESTION 3; GROUP ACTIVITY
 1.Prepare a model to demonstrate movement of particles in Solid ,Liquid ,Gas.

QUESTION 4;
 1. Make PPT on physical change / chemical change .

HOLIDAY HOME WORK FOR CLASS IX PHYSICS

1. (a) Identify the kind of motion in the following cases:
    (i)   A car moving with constant speed turning around a curve.
    (ii) An electron orbitting around nucleus.
    (b) An artificial satellite is moving in a circular orbit of radius 36,000 km. Calculate its speed if it takes 24 hours to revolve around the earth.
2. (a) Define average speed.
    (b) A bus travels a distance of 120 km with a speed of 40 km/h and returns with a speed of 30
        km/h. Calculate the average speed for the entire journey.
3. Define uniform and non-uniform motion. Write one example for each.
4. What does the odometer of an automobile measure? Which of the following is moving faster? Justify your answer.
    (i) A scooter moving with a speed of 300 m per I minute.
    (ii) A car moving with a speed of 36 km per hour.
5. A car travels from stop A to stop B with a speed of 30 km/h and then returns back to A with a speed of 50 km/h. Find
    (i) displacement of the car   (ii) distance travelled by the car.
    (iii) average speed of the car.
6. Velocity-time graph for the motion of an object in a straight path is a straight line parallel to the time axis.
    (a) Identify the nature of motion of the body.
    (b) Find the acceleration of the body.
    (c) Draw the shape of distance-time graph for this type of motion.

7. Draw the shape of the distance-time graph for uniform and non-uniform motion of object. A bus of starting from rest moves with uniform acceleration of 0.1 ms^{-2} for 2 minutes. Find
    (a) the speed acquired.
    (b) the distance travelled.
8. (a) Define uniform acceleration. What is the acceleration of a body moving with uniform velocity?
    (b) A particle moves over three quarters of a circle of radius r. What is the magnitude of its displacement?
9. A bus accelerates uniformly from 54 km/h to 72 km/h in 10 seconds Calculate
    (i) acceleration in m/s^2
    (ii) distance covered by the bus in metres during this interval.
10. A car moves with a speed of 30 km/h^{-1} for half an hour, 25 km/h^{-1} for one hour and 40 km/h^{-1} for two hours. Calculate the average speed of the car.
11. Derive the equation for velocity-time relation ($v = u + at$) by graphical method.
12. A car is travelling at 20 km/h, it speeds upto 60 km/h in 6 seconds. What is its acceleration?
13. A car accelerates from 6 ms^{-1} 16 ms^{-1} in 10 sec. Calculate
    (a) the acceleration and
    (b) the distance covered by the car in that time.
14. A circular track has a circumference of 3140 m with AB as one of its diameter. A scooterist moves from A to B alone the circular path with a uniform speed of 10 m/s. Find
    (a) distance covered by the scooterist,
    (b) displacement of the scooterist, and
    (c) time taken by the scooterist in reaching from A to B.
15. (a) Differentiate between uniform linear and uniform circular motion.
    (b) Write any four examples of uniform circular motion.
    (c) Is uniform circular motion accelerated motion?

<div align="center">Holiday's Home Work 9 Biology</div>

1. Prepare one poster on any topic related to environment.
2. Complete all questions of chapter 2 in homework register.
3. Thoroughly prepare chapter 1 and chapter 2 for test after holiday.

HOLIDAY HOMEWORK CLASS – IX ENGLISH

#1. Read about Nelson Mandela. Write a brief character sketch of Nelson Mandela. Pick up 20 words from the lesson. Find their dictionary meanings and use them in sentences of your own.

 #2. The following work has to be done according to your respective roll numbers.

       1-6   NOUN

       7-12   PRONOUN

       13-18   Verb

       19-24   Adverb

       25-30   Preposition

       31-36   Adjective

       37-42   Conjunction

       43-48   Interjection

(Prepare the topics so that they can be presented by you in your class.)

  (IX B Roll No.49-58 TENSES)

 #3. The following work has to be done according to your respective roll numbers.

Roll no.   Work assigned

1- 8   Write the format of an email on an A3 size sheet. Write an email to your friend telling him how you plan to spend the holidays and take out the printout of the mail sent and paste it in your notebook.

9-16   Write the format of a notice on an A3 size sheet. As the Head boy / Head girl of the school write a notice informing the students of your school about a trip that will be going to Manali during the summer holidays.

17-24   Write the format of an informal letter on an A3 size sheet. Write an informal letter to your friend about an interesting project that you did as an FA in your previous class.

25-32   Write the format of a formal letter on an A3 size sheet. Write a letter to the editor of a national daily on any issue related to the present day education system.

33-40   Write the format of a report on an A3 size sheet. Write a report on your school's Silver jubilee function, for your school newsletter .

41-48   Write the format of an article on an A3 size sheet. Write an article on Pros and Cons of Social Networking Sites.

(IX B Roll No.49-58   Write the format of a story on an A3 size sheet. Write a story in your own words)

Note :   Formats are to be laminated.

#4. Learn any one poem of Robert Frost, W.B Yeats, William Wordsworth, William Shakespeare or James Kirkup. Write it in your notebook. Also write its theme and literary devices.

#5.Write a paragraph on the importance of hard work and dedication.

#6. Learn 30 new words and write them in your notebook.

#7. Do 10 pages of handwriting.

कक्षा 9
हिन्दी(ग्रीष्मवकाश गृह कार्य)

1.   20पृष्ठ सुलेख लिखिए ।
2. पढ़ाये गए सभी पाठों के प्रश्नोत्तर याद करें ।
3. 'इंटरनेटवरदान या अभिशाप -' व 'नैतिक मूल्यों का महत्व' पर निबंध लिखिए ।
4. दो औपचारिक व दो अनौपचारिक पत्र लिखिए ।
5. उपसर्ग व प्रत्यय के उदाहरण लिखिए 20-20 ।
6. अलंकार व इसके प्रकारों का उदाहरण सहित विस्तार से वर्णन कीजिये ।

नोटकार्य गृहकार्य यह : (H.W NOTEBOOK) पुस्तिका में करें