Dear students

Keep following points in mind before you set out for your holidays' homework.
- ❖ Holidys' homework should be done in a legible and beautiful hadwriting.
- ❖ Remember well-presented home-work always fetches you marks and appreciation of your teachers and classmates.
- ❖ To make practice your regular habit,keep in touch with studies.

HOLIDAYS HOMEWORK
CLASS -IX

1) ENGLISH

To lessen the burden of forthcoming exams by making practice your regular habit, go through exercises of Practice Periodic Test (PPT)1 and 2 i.e page 449 to 456 given in BBC .Solve Reading Section and Grammar Exercises in the book itself and write answers of Writing Section and Literature Section in a separate notebook.

2) SCIENCE

Physics
1. Name the tourist place you visited during your holidays .What were the important halts during the journey ?Note down the distance and time taken to reach your destination starting from your home. Calculate the average speed for the whole journey.
2. Prepare a PowerPoint presentation(slides) for the distance / displacement time graph:
   For uniform speed/velocity and non uniform speed/velocity.
   Also draw velocity time graph representing uniform acceleration and non uniform acceleration.

Chemistry
Learn and write symbols, atomic number, mass number and valency of first twenty elements of periodic table.

Biology
Draw well labelled diagrams of chapters Fundamental unit of life and Tissues from NCERT science book. Diagrams should be coloured and presentable. Homework of biology should be submitted in scrap book

3) MATHEMATICS

1. Plot the following points and write the name of the figure obtained by joining them in order: P(– 3, 2), Q (– 7, – 3), R (6, – 3), S (2, 2).

2. Which of the following points lie on y-axis? A (1, 1), B (1, 0), C (0, 1), D (0, 0), E (0, – 1), F (– 1, 0), G (0, 5), H (– 7, 0), I (3, 3).

3. A point lies on the x-axis at a distance of 7 units from the y-axis. What are its coordinates? What will be the coordinates if it lies on y-axis at a distance of –7 units from x-axis?

4. Points A (5, 3), B (– 2, 3) and D (5, – 4) are three vertices of a square ABCD. Plot these points on a graph paper and hence find the coordinates of the vertex C.

5. Plot the points P (1, 0), Q (4, 0) and S (1, 3). Find the coordinates of the point R such that PQRS is a square.

6. Three vertices of a rectangle are (3, 2), (– 4, 2) and (– 4, 5). Plot these points and find the coordinates of the fourth vertex.

7. At what point does the graph of the linear equation x + y = 5 meet a line which is parallel to the y-axis, at a distance 2 units from the origin and in the positive direction of x-axis.

8. Determine the point on the graph of the linear equation 2x + 5y = 19, whose ordinate is 3/2 times its abscissa.

9. Draw the graph of the equation represented by a straight line which is parallel to the x-axis and at a distance 3 units below it.

10. For what value of c, the linear equation 2x +cy = 8 has equal values of x and y for its solution.

11. Let y varies directly as x. If y = 12 when x = 4, then write a linear equation. What is the value of y when x = 5?

12. Draw the graph of the linear equation 2x + 3y = 12. At what points, the graph of the equation cuts the x-axis and the y-axis?

13. The Autorikshaw fare in a city is charged Rs 10 for the first kilometer and @ Rs 4 per kilometer for subsequent distance covered. Write the linear equation to express the above statement. Draw the graph of the linear equation.

14. Draw the graph of the linear equation 3x + 4y = 6. At what points, the graph cuts the x-axis and the y-axis.

15. If the temperature of a liquid can be measured in Kelvin units as x°K or in Fahrenheit units as y°F, the relation between the two systems of measurement of temperature is given by the linear equation $y = 9/5 (x - 273) + 32$

Find the temperature of the liquid in Fahrenheit if the temperature of the liquid is 313°K. (ii) If the temperature is 158°F, then find the temperature in Kelvin.

16. Draw graph for x = y and x = -y and write point of inter section.

17. Represent geometrically: 2x = 1 = x -3 I number line ii) caetisian plane

18. On the graph draw st. lines $3x - 2y = 4$ and $x + y - 3 = 0$ also find the point of intersection on the graph.

19. It is known that if $x + y = 10$ then $x + y + z = 10 + z$. solve and write The Euclid's axiom.

20. Solve the equation $a - 15 = 25$ and state which axiom do you use here

NOTE: PERIODIC TEST SYLLABUS: CH.1,2,3,4 and assignment of ch 1 ,2 and HHW assignment.

4) SOCIAL STUDIES

Project on Disaster Management
Contents:
S.No. Particulars
1. Introduction
2. The worst disasters happened in any Indian state like cyclone, floods, earthquake, Tsunami etc. (with pictures)
3. The causes behind the disaster
4. Impact of the disaster
5. Emergency rescues and relief operation by different agencies.
6. Rescue and relief operation: an overview
7. Conclusion: Lessons learnt from the disaster.

Be a SANTA for Someone

We all love Santa Claus not for religious beliefs but because HE makes people feel loved .He brings happiness on every face.
During this summer vacation to inculcate a feeling of community service we edify our students to do any of the following community services and prepare a report of at least 6 to 8 pages and paste photographs of being involved in the service to humanity.

1.Visit to old age home and talk to the elderly people there .Listen to the life experiences of old people you meet there. Pen down the real life skills you learned from them. Organize their room, and things. Play some games with them and make them happy. Gift them your hand made card or any other article. Catch your memories in photographs.

2. Visit to some Orphanage .Donate your some old clothes and soft toys. Spend a day with the children there. Play some game with them. Help these children to learn ,read and write(Hindi /English/ Punjabi) alphabet and simple words .Gift them your handmade cards or other article. Catch your memories in photographs.

3. Go for a walk with your Grand Parents/ elderly persons in your neighbourhood/ meet elderly persons in the nearby park. Talk to them about their life experiences and pen down the real life skill you learned from them. Play some games with them. Bring smile on their face. Gift your hand made card or any other article. Catch your memories in photographs.

Goodness is rewarded

5) PUNJABI

1. ਦਸ ਸੁਲੇਖ ਲਿਖੋ ।

2.ਇੱਕ ਕਵਿਤਾ ਅਤੇ ਇੱਕ ਸ਼ਬਦ ਲਿਖੋ ਅਤੇ ਯਾਦ ਕਰੋ ।

3.ਜੁਲਾਈ ਪ੍ਰਿਉਡਿਕ ਟੈੱਸਟ ਦਾ ਸਿਲੇਬਸ ਯਾਦ ਕਰਨਾ।

6) HINDI

1. हिंदी व्याकरण पुस्तक में से अभ्यास कार्य 1 से 8(पृष्ठ संख्या 94 से 98) हल करें।

2. अपनी गलत आदतों पर पश्चाताप करते हुए अपनी माताजी को पत्र लिखिए।

3. आपके नगर में अनधिकृत मकान बनाए जा रहे हैं। इसकी रोकथाम के लिए जिला अधिकारी को पत्र लिखिए।

4. स्वच्छता अभियान के बारे में दो छात्रों का संवाद लिखिए।

5. कक्षा - परीक्षा(periodic test) का पाठ्यक्रम याद कीजिए।

कक्षा - परीक्षा का पाठ्यक्रम

दो बैलों की कथा, ल्हासा की ओर

साखियाँ एवं सबद, वाख

मेरे संग की औरतें

उपसर्ग,प्रत्यय,समास

पत्र और संवाद