CLASS-VIII
HOLIDAY HOMEWORK(2019-2020)
ENGLISH

1. Choose the correct options to find the meaning of the idioms:

    I. To turn a deaf ear

        a. Bend the ear   b. disregard   c. to be deaf

    2. To strain every nerve

        a. to have a nerve disease   b. to be nervous   c. make utmost effort

    3. To rise to the occasion

        a. to prove oneself equal to the situation   b. to appear in a competition

        c. to rise to attend some occasion

    4. To keep at arm's length

        a. to keep some one at a distance   b. to have a long arm   c. to measure the length of your arm

2. Choose the correct answers :

    1. A number of books   .. (is/are) missing from the library.

    2. Three fifths of the town   .. (Was/were) in darkness.

    3. One of my father's friends   (Has/have) come.

    4. Good news   .. (Is/are) always welcome.

    5. She   .. (make /makes) beautiful garlands.

3. Correct the errors in these sentences :

    a. Every one of them were punished.

    b. The news of the series of accidents are true.

    c. One of the girls in the team were sent back.

    d. Many of the children has passed the written test.

    e. Two lakh Rupees are a lot of money for me.

4. Change these sentences from direct to indirect (Reporting) speech :

    a. He said, "She wants to join judo classes."

    b. He said to me, "Where are you going?"

    c. He said to me, "I am going today."

5. Select the right Phrasal verb : (back up / back out)

    a. The government   . The Women's Bill in the Parliament. b. My friend didn't

        .from helping me.

6. Form two compound nouns for the given words:

    a. solar   b. book

Note - Download this worksheet. Complete it and paste it in your language note book.

HINDI

1. कबीरदास जी के 5 दोहे भावार्थ सहित सुन्दर लेख में एवं चित्र सहित चार्ट पेपर पर लिखिए।
2. विभिन्न ऋतुओं के नाम लिखकर उन्हें याद कीजिए । (ए–4 पेपर पर)
3. 10 पृष्ठ सुलेख करो।   (अलग कॉपी पर)
4. कक्षा कार्य की पुनरावृत्ति कीजिए ।

SANSKRIT

1. साधु शब्द रुप सुंदर लेख में लिखो । रोल न0 –1 से 20   (प्रदशन हेतु)
   देव शब्द रुप सुंदर लेख में लिखो । रोल न0 –21 से अंतिम न0 तक   (प्रदशन हेतु)
                             (ए–4 पेपर पर)
2. पाठ – 1, 2, 3, के शब्दार्थ प्रश्नोत्तर एवं अभ्यास कार्य लिखकर याद करो।

3. सेव् , स्था धातु रुप और साधु , देव शब्द रुप पाँच–पाँच बार लिखकर याद करो ।
                   (प्र0 – 2 और 3 अलग कॉपी पर करो)

MATHS

1. Make a model for the following:
    Group 1: The angle sum property of a quadrilateral.
    Group 2: Sum of exterior angles of a polygon is 360 .
    Group 3: Laws of exponents.
    Group 4: Addition of polynomials.
    Group 5: Properties of a parallelogram.
    Group 6: Properties of rectangle.
    Group 7: Properties of rhombus.
    Group 8: Properties of square.
    Group 9: Bar graph for the following data:

SECTIONS	A	B	C	D	E
NUMBER OF STUDENTS	35	40	31	32	38

OR

Prepare a game/puzzle/crossword based on mathematical concepts.

2. Solve the following assignment in a separate notebook.
1. How many rational numbers lie between (-2) and (-3)?
2. Represent $-\frac{4}{7}$ and $\frac{6}{7}$ on the same number line.
3. Find two rational numbers between (-1/5) and (-1/4).
4. Divide the sum of (-3/4) and 5/6 by their product.
5. Which number is the additive identity for rational numbers?
6. Multiplicative Identity for rational numbers is_____.
7. Divide the product of (-5/8) and 7/15 by their sum.

8. Write the rational numbers which are their own reciprocals?

9. The product of two rational numbers is $\frac{-40}{3}$. One of the numbers is $\frac{(-5)}{2}$. What is the other number?

10. Subtract the product of $\frac{2}{3}$ and $-\frac{5}{7}$ from the sum of $\frac{7}{9}$ and $-\frac{11}{18}$.

11. Additive inverse of (– 6) is _____.

12. Multiplicative inverse of (– 7) is _____.

13. What is the other name for 'multiplicative inverse'?

14. A car is travelling at a speed of $\frac{5}{9}$ km/ hr. How much time it will take to travel a distance of $\frac{15}{6}$ km?

15. What could be the possible one's digit of $\sqrt{676}$?

16. How many whole numbers lie between 14² and 15²?

17. Find the value of 29² without actual multiplication.

18. Find a Pythagorean triplet in which one member is 12

19. Find the least number which must be subtracted from 368470 to make it a perfect square?

20. Find the smallest whole number by which 9408 should be divided to make it a perfect square. Find the square root of the number so obtained by using division method.

21. Find the smallest whole number by which 2352 should be multiplied to make it a perfect square. Find the square root of the number so obtained by using division method.

22. If $\sqrt{6241}$ = 79, then what is the value of $\sqrt{62.41}$ ÷ $\sqrt{0.6241}$

23. In a right triangle XYZ, right angled at Y, XY = 10 cm and YZ = 30 cm. Find the length of XZ correct to two places of the decimal.

24. The students of a class collected ₹7056 for charity for old age home. If each student contributed as many rupees as the number of students in the class, how many students are there in the class?

25. The area of a square field is 144 m². Find its perimeter.

26. Write the Pythagorean triplet if m = 3.

27. Find the smallest number which should be added to 1933 to make it a perfect square.

28. Find the cube root of 17576 through estimation.

29. Find the cube root of 15625 by prime factorisation method.

30. How many cuboids of sides 2 cm, 2 cm and 3 cm are needed to form a cube?

31. Which of the following is a perfect cube?
    a) 2700   b) 270000   c) 270   d) 27000

32. By what smallest number 3456 must be multiplied so that the product is a perfect cube?

33. How many perfect cubes are there from 1 to 1000?

34. Find the smallest number by which 704 must be divided to obtain a perfect cube. Also find the cube root of the number so obtained.

SCIENCE

I. Prepare a working model for a science exhibition on any of the topic related to science and prepare a report on it (use white chart or A 4 sheet).

II. Collect pictures of new agricultural machines with their names and uses'

III. Find pressure exerted by your feet by using graph method and paste the graph with formulation of its formula P = Thrust (f)/Area of feet
Write the unit in Pascal.

IV. Read the text book and answer the following questions:-

1. Write a short note on antibiotics. What are the precautions to be taken while taking antibiotics? List any five antibiotics and write their usages.

2. Which organelle is called powerhouse of the cell and why?

3 Why is plasma membrane called selectively permeable membrane?

4. Why is nuclear region found scattered in cytoplasm of a prokaryotic cell?

5. Discuss the commercial use of microorganisms.

6. (a) Name two effects a force can have on a moving body.

(b) What do you understand by the term force?

(c) Name two effects a force can have on a stationary body.

7. Name the type of force which acts in each of the following cases.

        (a) A cricket ball rolling down a cricket field.

        (b) A stone falling downward.

        (c) A bullock ploughing a field

        (d) A woodcutter cutting a tree.

        (e) A plastic ruler on being moved through dry hair, is brought near dry pieces
          of straw.

8.(a) State the unit of force and define it.

(b) Name the unit of force in Standard International (SI) system. How much mass can be lifted by this force in grams?

9 (a) Define the term pressure.

(b) State and define the SI unit of pressure.

10 A force of 500 N acts on an area of $0.05m^{2.}$ Find the pressure in Pascal.

11 What are the properties and uses of nylon ?

12 Explain the harmful effects associated with the disposal of plastics.

13 Discuss how minimal use of plastics would help in making the environment better.

14 Which fiber is first fully synthetic fiber?

15 What are the main differences between thermoplastics and thermosetting plastics? Give one example of each.

NB :- Revise the syllabus of Periodic Test -1.

Holiday homework should be done in class work copy.

SOCIAL SCIENCE

CIVICS

Q-I   With the help of table given on P=35. Collect the information from internet of Lok Sabha election 2019-20 on a chart.

GEOGRAPHY

Q-I   Prepare a model on Change in Land use over time.
       Ref : Page 11 (Geography Book)   Roll no 1 to 15

Q-II   Prepare a model on Soil Profile.
       Ref : Page 13 (Geography Book) Roll no 16 to 30

Q-III Prepare a working model on Rainwater Harvesting.
       Ref : Page 17 (Geography Book)   Roll no 31 till last

HISTORY

1. Imagine a conversation between a planter and a peasant who is being forced to grow indigo. What reasons would the planter give to persuade the peasant? What problem did the peasant point out?

2. Collect the pictures of the revolt of National Movement 1870s-1947 and
   (i) Make collage   (Roll no 1 to 6)
   (ii) Project   (Roll no 7 to 12)
   (iii) Write a small summary. (Roll no 13 to 18)

  3. Collect the pictures of the different social reformer and what social ideas did the following people support.

    a. Raja Rammohan Roy

    b. Dayanand Saraswati

    c. Veerasalingam Pantulu

    d.Jyotirao Phule

    e. Pandita Ramabai

     (i) Make a collage (Roll no 19 to 27)

     (ii) Project   (Roll no 28 to last roll no).

COMPUTER

1. Make a model on types of networking (refer lesson no .1 of textbook).

Or

   Create an informative power point presentation on the Topic "Networking and its uses."
2. Revise the syllabus taught for periodic test - 1.

MUSIC

Learn the following songs-

1. Give thanks, when I look .
2. God will make a way
3. School Anthem

ART & CRAFT

Make decorative items using newspaper.