

CLASS-VIII
HOLIDAY HOMEWORK

ENGLISH

M.C.B. Page No. 23

Every year, several children are given bravery awards on 26th January for their feats of extraordinary courage. Find out who got Geeta Chopra Award in 2018. Make a poster with the photograph, name details and why the award was given.

Do it in your language copy.

HINDI

1. समास विषय पर एक परियोजना बनाइये।
2. विभिन्न ऋतुओं के चित्र चिपकाकर उन पर 5-5 पंक्तियाँ लिखिए। (चार्ट पर)
3. 10 पृष्ठ सुलेख करो। (अलग कॉपी पर) (50 पृष्ठ वाली)
4. कक्षा कार्य की पुनरावृत्ति कीजिए।

SANSKRIT

1. कारक पर आधारित रचनात्मक अभिलेख तैयार कीजिए। (फाइल में)
2. पाठ - 1, 2, 3, 4, के शब्दार्थ प्रश्नोत्तर एवं अभ्यास कार्य लिखकर याद करो। (अलग कॉपी पर) (50 पृष्ठ वाली)
3. खाद्, भक्ष् धातु रूप और साधु, देव शब्द रूप पाँच-पाँच बार लिखकर याद करो। (अलग कॉपी पर) (50 पृष्ठ वाली)

MATHS

NOTE: Solve the questions in a separate notebook.

I -ASSIGNMENTS:

1. Find the reciprocal of $\frac{-3}{8} \times \frac{7}{3}$
2. Use the distributive property of multiplication over addition of rational numbers to simplify:
 $\frac{-2}{7} \times \left(\frac{7}{16} - \frac{21}{4} \right)$
3. Using property, find $\frac{2}{5} \times \frac{-3}{7} - \frac{1}{14} - \frac{3}{7} \times \frac{3}{5}$
4. Represent $\frac{-5}{3}$ on a number line.
5. Find two rational numbers between $\frac{-2}{5}$ & $\frac{1}{2}$
6. Show that 17640 is not a perfect square.
7. Find the smallest number by which 4851 must be multiplied so that the product becomes a perfect square. Also find the square root of the number so obtained.
8. Find the smallest number by which 1152 must be divided so that the quotient becomes a perfect square. Also find the square root of the number so obtained.
9. Find the greatest number of three digits which is a perfect square.
10. Product of two numbers is 1296. If one number is 16 times the other, find the numbers.
11. Find the square root of 144 by repeated subtraction method.

12. Find the smallest square number divisible by each of the numbers 8, 9 & 10.
13. A welfare association collected 202500 as donation from the residents. If each paid as many rupees as there were residents, find the number of residents.
14. Find the square root of 54756 by division method.
15. Find the least number to be subtracted from 18265 to make it a perfect square. Also find the square root of the resulting number.
16. Find the least number to be added to 306452 to make it a perfect square. Also find the square root of the resulting number.
17. Find the square root of 23.04
18. Find the smallest number by which 2560 must be multiplied so that the product is a perfect cube. Also find the cube root of the resulting number.
19. Fill in the blanks: (use property of square numbers)
 - a) $19^2 - 18^2$ b) $30^2 - 29^2$ c) $56^2 - 55^2$
20. Which of the following triplets are Pythagorean ?
 - a) (14, 48, 50) b) (18, 79, 82)
21. Find the perimeter of a square whose area is 3364 m^2
22. Fill in the blanks:
 - (i) The number of zeros at the end of a perfect square is always _____.
 - (ii) The unit digit of the $\sqrt{66564}$ will be either _____ or _____.
23. What is the smallest number by which 2916 should be divided so that the quotient is a perfect cube?
24. Which of the following numbers are perfect cubes?
1331, 864, 4096
25. Find the cube of the following numbers :
 - (i) 1.2 (ii) 0.8 (iii) 0.01
26. Verify that $-(-x) = x$, when $x = -\frac{3}{4}$
27. Verify that $-(x + y) = (-x) + (-y)$, when $x = \frac{1}{2}$, $y = \frac{3}{4}$
28. Find the additive inverse of the following :
 - a) $\frac{17}{9}$ b) $\frac{-15}{-11}$ c) $\frac{-15}{-11}$
29. Show that $(\frac{-8}{9} \times \frac{1}{-5}) + (\frac{-8}{9} \times \frac{-7}{11}) = \frac{-8}{9} \times (\frac{1}{-5} + \frac{-7}{11})$
30. Verify the property: $x \times (y \times z) = (x \times y) \times z$ by taking:
 $x = \frac{-7}{3}$, $y = \frac{12}{5}$, $z = \frac{4}{9}$
31. Simplify: $\frac{-3}{5} \times \frac{-10}{9} \times \frac{21}{-4} \times (-6)$
32. 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.
33. Write the unit digit of the cube of:
 - (a) 388 (b) 833 (c) 4276 (d) 5922
34. A PT teacher wants to arrange 6000 students in a field such that the number of rows is equal to the number of columns. Find the number of rows if 71 were left out after arrangement.

II- Make a model for angle sum property of a quadrilateral. (**GROUP 1**)

III- Make a model for showing some of the measures of exterior angles in a polygon is 360° . (**GROUP 2**)

IV- Verify that diagonals of rectangle are of equal length. (**GROUP 3**)

V- Make a rhombus by paper cutting and folding and illustrate the properties of rhombus. **GROUP 4**

VI- Find the curved surface area of a cylinder with the help of colored paper. (**GROUP 5**)

**VII-Make a model showing the relationship between exterior angle and interior opposite angle in a triangle.
(GROUP 6)**

SCIENCE

1. 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).
 2. Write an activity to show that organic waste is biodegradable while plastic is not.
 3. Write a short note on antibiotics. What are the precautions to be taken while taking antibiotics. List any five antibiotics and write their usages.
 4. Revise the syllabus of Periodic Test -1.
- Holiday homework should be done in class work copy.

SOCIAL SCIENCE

CIVICS

- Q-I Make a chart showing the following:
- | | |
|--|-----------------------------|
| 1) Functions of the Parliament (Lok Sabha) | Roll no 1 to 5 |
| 2) Functions of the Parliament (Rajya Sabha) | Roll no 6 to 10 |
| 3) Functions of the Prime Minister. | Roll no 11 to 15 |
| 4) Functions of President. | Roll no 16 to 20 |
| 5) Functions of Cabinet Ministers. | Roll no 21 to 25 |
| 6) Functions of Speaker (Lok Sabha) | Roll no 26 to 30 |
| 7) Functions of Speaker (Rajya Sabha) | Roll no 31 till last |

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. Write a note on the British Policy of an annexation 'The Doctrine Of Lapse' and imagine that you are nawab's nephew and have been brought up thinking that you will one day be king. Now you find that this will not be allowed by the British because of new Doctrine Of Lapse. What will you plan to do so that you can inherit the crown?
2. Collect the pictures of the revolt of 1857 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 tribal communities of India.
 - (i) Make a collage **Roll no 19 to 24**
 - (ii) Project **Roll no 25 to 30**
 - (iii) Write summary on highlighting their culture and lifestyles. **Roll no 31 onwards...**

COMPUTER

1. Make a model on types of networking/topology (refer lesson no .2 of textbook).

Or

Create an informative power point presentation on the Topic “Databases and its applications”, with help of following examples of applications where database is used.

- a) Railway and Airline
 - b) Banking
 - c) Universities and School
 - d) Telecommunications
 - e) Shops /Departmental stores
2. Revise the syllabus taught for periodic test - 1.

MUSIC

Learn the following -

1. Give thanks
2. God will make a way
3. School Anthem

ART & CRAFT

Make decorative items using newspaper .

FRENCH

Project

Make a chart on famous personalities in France. You can choose from the list below or any other French personality of your choice.

Topics

1. Claude Monet .
2. Jeanne d’Arc/Napoleon Bonaparte
3. Gustave Eiffel
4. Nicolas Sarkozy
5. Charles de Galle
6. Emma Watson
7. Joan of Arc

The chart should provide answers to the following questions.

1. What is this person famous for?
2. What is remarkable about what they did?
3. What difficulties or opposition did they face?
4. What impact did have on the world at the time?
5. Why should we remember them today?

Instructions

1. Draw and/or cut out pictures.
2. Take the help from newspapers/magazines/internet.
3. Add the latest information about the individual celebrity.

Make at least two sentences each with the following words:

France, Ville, Aujourd’hui, Vacances, École, Beaucoup de, Savoir, Aller, Vouloir, Devoir, Manger, Dormir, Famille, Faire, Appartement