

ARMY PUBLIC SCHOOL JAMMU CANTT
HOLIDAY HOME WORK (2019-20)

ENGLISH

CLASS-VIII

1. Daily do a page of writing in your holidays' homework notebook.
2. Revise English syllabus of Unit -1.
3. Find out as many difficult words from the chapters already taught in the class and note them down long with the meanings in your holidays' homework notebook.
4. learn and write the antonyms and synonyms.(30 words page-223)
5. Write a notice to be put up on the school notice board regarding the upcoming Annual Day Celebration in your school.
6. You are Mahesh Roy, Head Boy of your school. Write a notice in not more than 50 words informing the students about the forthcoming historical tour to Udaipur. Give all the necessary details regarding the cost and duration.
7. You are Supriya / Suraj of DAV Public School, Nerul. As the Student Coordinator of the Green Drive initiated by your School to mark the occasion of the World Wildlife Day on 3rd March, draft a notice urging the students to preserve the forests and wildlife.
8. You are Tarang/Ritika Gupta, the Literary Captain of your school. Draft a notice to be put up on the school notice board inviting participation for the inter-school English Debate Competition to be organized in your school. The topic of the debate is 'Means are more important than the Ends'.
9. You are Asma/Ashish, the head girl/boy of XYZ international school. Your school is soon going to publish the annual magazine next month. Write a notice for the notice board of your school inviting students to submit write-ups.
10. You are Radha/ Ravi, head of the music department at The Learner's Paradise school, Doon. Write a notice giving information regarding the upcoming singing competition in the school. Include relevant information like date, time venue, age group categories, prizes, judges and sponsors for the event. The maximum word limit is 50 words.

11. Imagine that you are Jim Macpherson from the story “The Best Christmas Gift In The World”. Write a diary entry on your interaction with the Germans on Christmas eve.
12. You have come to know that you have been selected for a dance competition at the state level. Write a diary entry within 120 words expressing your views about the same.
13. You took part in an adventure trip to Manali organized by your school. Write a diary entry within 120 words expressing your views about the same.
14. Today in school, you were pulled up by the Principal for improper uniform . Write a diary entry within 150 words expressing your emotions, embarrassment about the same.

हिन्दी

प्रश्न 1 निम्नलिखितविषयोंपरअनुच्छेदलिखिए:—

- पराधीनसपनेहुसुख नहीं
- गुरु कुम्हारशिष्य कुंभहै, गढ़ि गढ़ि काढ़ै खोट
- ऐसी वाणी बोलिए, मन का आपा खोय

प्रश्न 2निम्नलिखितविषयोंपरपत्र लिखिए:—

- साइकिलचोरीहोजानेपरपुलिसअधिकारीकोरिपोर्टदर्जकरातेहुए पत्र लिखिए।
- अनियमितडाकवितरण के संबंध मेंपोस्टमास्टरजनरलको एक शिकायतिपत्र लिखिए।
- विदेश यात्रा परजानेवालेमित्र कोमंगलमय यात्रा की कामनाकरतेहुए पत्र लिखिए।

प्रश्न 3 पुरकपाठ्य पुस्तक ‘भारत की खोज’ पढ़े।

प्रश्न 4 व्याकरणपुस्तक से व्याकरणपुस्तिकामेंक्रमशः निम्न शब्दलिखकरकंठस्थकरें।

अनेकार्थी शब्द	—	1—40	
पर्यायवाची	—		1—40
विलोम शब्द	—		1—40
अनेक शब्दों के लिए एक शब्द	—		1—40
मुहावरेअर्थ व वाक्य सहित	—		1—40

प्रश्न 5 प्रतिदिन एक पृष्ठ सुलेख लिखें।

प्रश्न 6 ग्रीष्मावकाश की समय सारिणी बनाकरलिखें।

प्रश्न 7 एक से सौतकहिन्दीमेंगिनतीलिखें।

प्रश्न 8 हिन्दीमेंदिनोंऔरमहीनों के नाम लिखें।

प्रश्न 9 हिन्दीपंचांग के अनुसार एक वर्षमेंआनेवालेमहीनों के नाम लिखें।

प्रश्न 10 एक महीनेमेंआनेवालेपक्षों के नाम लिखें।

प्रश्न 11 भारतमेंपाईजानेवाली ऋतुओं का नाम लिखें।

निर्देश—ग्रीष्मावकाशकार्य एक अलगकार्यपुस्तिकामेंकरें।

MATHS

Rational numbers

1. What number should be added to $\frac{-5}{12}$ to get $\frac{-7}{9}$?
2. What rational number should be subtracted from the sum of $\frac{3}{14}$ and $\frac{-4}{7}$ to get $\frac{13}{21}$?
3. If the product of two rational numbers is $\frac{25}{42}$ and one of them is $-2\frac{6}{7}$ find the other.
4. Divide the sum of $\frac{4}{13}$ and $\frac{-3}{2}$ by their product.
5. Using the appropriate properties of operations of rational numbers, evaluate the following :

$$(i) \quad \frac{3}{13} \times \frac{4}{5} - \frac{7}{5} - \frac{4}{5} \times \frac{5}{13}$$

$$(ii) \quad \frac{5}{7} + \frac{2}{11} + \frac{-8}{7} + \frac{6}{11}$$

6. Find the additive adverse of the following :

$$(i) \quad -13\frac{7}{8} \quad (ii) \quad -4\frac{3}{6}$$

7. Find the multiplicative inverse of the following :

$$(i) \quad \frac{-23}{46} \quad (ii) \quad 0$$

8. Represent the following rational numbers on the number line :

$$(i) \quad \frac{-3}{11} \quad (ii) \quad \frac{5}{17}$$

9. Insert five rational numbers between $\frac{-3}{7}$ and $\frac{2}{5}$

10. If $p = \frac{-4}{9}$, $q = \frac{2}{3}$ and $r = \frac{8}{11}$, then verify the following :

$$(i) \quad p + (q + r) = (p + q) + r$$

$$(ii) \quad p \times q = q \times p$$

11. Represent $\frac{-9}{5}$ on number line.

12. Express in standard form : (i) $\frac{183}{-126}$ (ii) $\frac{-123}{-144}$

13. Express $\frac{12}{-30}$ with numerator (i) 24 (ii) -6

14. Simplify: $\left(\frac{-2}{10}\right) + \frac{3}{7} + \frac{5}{14} + \left(\frac{-9}{20}\right) + \left(\frac{-14}{5}\right)$

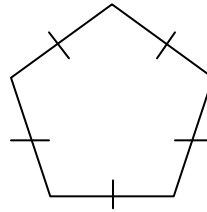
15. Subtract $\frac{5}{8}$ from $\frac{9}{24}$
16. Simplify: $\left(\frac{-4}{9}\right) \times \left(\frac{-18}{16}\right) \times \left(\frac{28}{-3}\right) \times (-4)$
17. What should be added to $\left(\frac{2}{3} + \frac{3}{4} + \frac{1}{5}\right)$ to get 8?
18. Verify the property $a \times b = b \times a$ if $a = \frac{-1}{4}$; $b = \frac{3}{8}$
19. Cost of $\frac{41}{5}$ m of cloth is ₹ $\frac{41}{4}$. Find its cost per metre.
20. Find $(a + b) \div (a - b)$ if $a = \frac{1}{3}$, $b = \frac{3}{5}$

Linear Equations in one variable

21. Solve: $\frac{2x-3}{2x-1} = \frac{3x-1}{3x+1}$
22. Solve: $\frac{n}{2} - \frac{3n}{4} + \frac{5n}{6} = 21$
23. Solve: $5x - 2(2x - 7) = 2(3x - 1) + \frac{7}{2}$
24. Solve: $5x - 3(4x - 3) = 2(4 - 5x) + 10$
25. Solve: $\frac{x}{2} - \frac{3x}{4} + \frac{x}{6} = \frac{-2}{3}$
26. Sum of three consecutive multiples of 11 is 363. Find these multiples.
27. Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.
28. The digits of a two digit number differ by 7. If the digits are interchanged and the resulting number is added to the original number we get 121. Find the original number.
29. The denominator of a fraction is 1 more than twice its numerator. If the numerator and denominator are both increased by 5, it becomes $\frac{3}{5}$. Find the original fraction.
30. A father is 7 times as old as his son. Two years ago, the father was 13 times as old as his son. How old are they now?
31. Solve: $\frac{7x}{2} + \frac{x}{4} - \frac{x}{8} = 11$
32. Solve: $0.25(4f - 3) = 0.05(10f - 9)$
33. Solve: $\frac{x-b-c}{a} + \frac{x-c-a}{b} + \frac{x-a-b}{c} = 3$
34. Solve: $\frac{3x}{5} + 2 = \frac{2x}{3}$
35. Solve the equation: $\frac{x+1}{x-1} = \frac{2x+3}{2x-5}$
36. The sum of two numbers is 90 and the greater number exceeds thrice the smallest by 14. Find the numbers.
37. The two perpendicular sides of a right angled triangle are in the ratio 3 : 4 and its perimeter is 96cm. Find the three sides.
38. Two supplementary angles differ by 50° . Find the measure of each angle.
39. Two equal sides of an isosceles triangle are $3x - 1$ and $2x + 2$ units. The third side is $2x$ units. Find x and the perimeter of the triangle.
40. A rectangle is 10 cm long and 8 cm wide. When each side of the rectangle is increased by x cm, its perimeter is doubled. Find the equation in x and hence find the area of the new rectangle.

Understanding Quadrilaterals

41. If the angles of a pentagon are in the ratio 7: 8: 11: 13: 15, find the angles.
42. In a quadrilateral ABCD, $AB \parallel DC$. If $\angle A: \angle D = 2: 3$ and $\angle B: \angle C = 7: 8$, find the measure of each angle.
43. Each interior angle of a regular polygon is double of its exterior angle. Find the number of sides in the polygon.
44. Find the interior angle x in the given figure:



45. Two adjacent sides of a parallelogram are in the ratio 4: 5. If the perimeter of a parallelogram is 54 cm, find the length of its sides.
46. The interior angle of a regular polygon is 156° . Find the number of sides of the polygon.
47. What will be the sum of all angles of a convex polygon which has?
(a) 6 sides (b) 8 sides
48. Prove that the sum of angles of a regular hexagon is 720° .
49. Adjacent angles of a parallelogram are in the ratio 7 : 2. Find all the angles.
50. Two adjacent angles of parallelogram are $(3a + 10^\circ)$ and $(3a - 4^\circ)$. Find all angles of the parallelogram.

SCIENCE

1. Collect any five plants from the place you will visit in your holidays and make a HERBARIUM. Also write the name of the plant.
2. Collect the labels from any five bottles of jams and jellies and write down the list of contents of the product. Also write the name of the preservative used.
3. Make a poster on "SAY NO TO PLASTICS". Also coin five slogans on NO USE OF PLASTIC.
4. Get an outline map of India. Mark the places in the map where coal, petroleum and natural gas are found.
5. Paste pictures of any five microbes and write a short note on each.
6. Write any five examples of DISPLACEMENT REACTIONS. Also find out the reactivity series of metals and write it.

(NOTE: Q.1 - Q.6 SHOULD BE DONE IN A SCRAP BOOK)

S.SC

- a) THESE QUESTIONS MUST BE DONE IN A NOTEBOOK.
- b) WRITE IN NEAT AND BEAUTIFUL HANDWRITING.

1. Imagine that you are a historian wanting to find out about how agriculture changed in a remote tribal area after independence. List the different ways in which you would find information on this.

2. You are living in England in the late eighteenth or early nineteenth century. How would you have reacted to the stories of British conquests ?
3. Make a model of any type of building which tells about our heritage of India. You can use artifacts or any other materials.
4. Write in 100 words what would happen if water a resource disappeared .
5. Make a collage of a forest and the things which we obtain from them.
- 6 Write 17 goals of sustainable development.
8. Model of volcano or any other disaster.
9. Peace is a never ending process .Referpg no 27 and make a poster related to the need for religious tolerance.
10. Revise the chapters given for I UNIT TEST.
11. Read chapters 2,3 of History, 2,3 of Civicsand geography ch 2,3 .Read . Newspaper everyday.

संस्कृतम्

प्रश्न: 1. दश खाद्य पदार्थनामानिलिखत ।

प्रश्न: 2. दशफनानाम् नामानिलिखत ।

प्रश्न: 3. दशवस्तुनाम् नामानिलिखत ।

प्रश्न: 4. दशव्यवसायः(पेशा) नामानिलिखत ।

प्रश्न: 5. शरीरस्य अंगानाम् नामानिलिखत ।

प्रश्न: 6. परिजनसम्बंधानाम् नामानिलिखत ।

प्रश्न: 7. दश-दशपशु- पक्षिणाम् नामानिलिखत ।

प्रश्न: 8. शब्दरूपप्रकरणलिखत-बालकः ,नदी ,साधु, युष्मदकिम्(पुल्लिंग, स्त्रीलिंग नपुंसकलिंग) रूप

लिखत ।

प्रश्न: 9. पठ् ,लिख् ,गम् , अस् ,कृ धातुरूपलट्, लङ्, लृट्, लोट्, विधिलिङ्•लकारेलिखत ।

प्रश्न: 10. संख्या (1-40)संस्कृतेलिखत ।

अवकाशकार्यम् कार्यपुस्तिकेकुरुतस्मरण च कुरुत ।

COMPUTERS : REVISE FOR UT-1