

# The GURUKUL NILOKHERI

## Holidays Assignment

Class : VII

Subject : English

Tasks	Instructions
Three forms of the verbs	Learn three forms of the verbs with their meaning and spellings (shall be the evaluated/tested) (100 verbs)
Vocabulary	Underline and know the meanings of at least 30 words from the chapters:- 1) Two Much ..... 2) The Alien .....
Writing Dialogues	Make a choice of any 2 characters from the chapters you have read 1) The Special Prize 2) A Clum of Lilac Invent the conversation between them (Imaginative) , 5 dialogues of each them.
Travelogue	Write a detailed account of your visit to any of the followings during summer break:- Hill station, Friends/relatives/ historical place etc. (Time, when it began, reached how (conveyance) no. of persons stay hotel, visiting points)place feeling, experience when you came back, Photos can be pasted (returnable)
Tense Chart	Make a tense chart writing all 12 verbs forms. 3 Examples of affirmative, negative and interrogative (one each) Underline the verbs in the sentences.
Describe your home (inside & outside) and the locality it is situated in (use of Prepositions)	Describe your home in about 100 words. Underline the Prepositions

### विषय—हिन्दी

1. अप्रैल व मई महीने का बसंत तथा महाभारत का संपूर्ण पाठ्यक्रम एक-एक बार लिख कर अभ्यास करना है।
2. शब्दार्थ, विलोम शब्द, अनेक शब्दों के लिए एक शब्द, पत्र तथा निबंध याद करके लिखने हैं।
3. हर रोज दो-दो मुख्य समाचार (Head Lines) अभ्यास पुस्तिका में लिखने हैं।

## Subject – Social Science

Write neatly about in 100 words for each question:

### Learning Task :

- History : Ch. No. 1, 2, & 3
- Geography : Ch. No. 1, 2, & 3
- Civics : Ch. No. 1, 3, & 10

### Reading Task :

- History : Ch. No. 2
- Geography : Ch. No. 3
- Civics : Ch. No. 3

### Project work : (Chart showing)

- Components of the Environment
- A Volcano
- Water Falls

### Diagrams :

- Interior of the earth
- Rock cycle

### Map work :

- Major volcanic & earthquake belts of India and the world - Page No. 8 & 9
- Areas under the Delhi Sultans - Page No. 48 & 49

### Writing Task : (Write nearly about 100 words for each questions)

1. What is Environment? Explain with its components.
2. Equality is the part of democracy. But it creates problem for the country. How?
3. What is hidden inside our Earth? Explain.
4. What is the process to elect M.L.As.? How can they contribute in the formation of the state government?
5. 'We are responsible for natural calamities.' Explain.
6. 'Reservation' and 'Equality' are the anti term to each other in a country. How?
7. Formation of laws is easy but hard to execute. Explain
8. Water, air and soil are the major facts in every respect. How?
9. What are the merits and demerits of demonetization?
10. Time- table works as a lightening lamp in the life of everyone. Explain.

THE GURUKUL NILOKHERI  
HOLIDAY'S HOMEWORK  
CLASS - VII (Session 2017-18)  
SUBJECT - MATHS (PRACTICE PAPER - I)

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**Section-A**

1. Write the absolute value of  $|-8 + 3|$ .
2. Simplify :  $5\frac{1}{4} \div 7$
3. Convert 2.54 km into m.
4. Subtract  $\frac{-3}{8}$  from  $\frac{-1}{4}$ .
5. Simplify :  $(-20) \times (-1) + (-28) \div 7$
6. What will you add to  $-18$  to get 12.
7.  $3.245 \times \dots = 32.45$
8. How much less than  $-2$  is  $-8$ .
9. Find the multiplicative inverse of  $3\frac{2}{3}$ .
10. Express  $\frac{-36}{11}$  as the sum of the integer and a rational number.  $10 \times 1 = 10$

**Section-B**

11. Simplify using suitable identity :  $(-85) \times 43 + 43 \times (-15)$
12. Arrange the following numbers in descending order :  $\frac{12}{5}, 3.75, 2.45, \frac{3}{4}$
13. Product of digits of numerator of subtraction of  $\left(\frac{12}{5} \text{ and } \frac{13}{7}\right)$ .
14. The length and breadth of a rectangle are  $2\frac{1}{3}$  m and  $3\frac{1}{4}$  m. Find the area of the rectangle.
15. The decimal representation of  $\frac{2}{15}$  is .....
16. Hemant purchased 3.5 kg of potatoes at the rate of Rs. 13.75 per kg. Find the money paid by Hemant.
17. Simplify :  $8\frac{1}{4} - 3\frac{5}{24}$
18. Find the integer which when divided by  $-3$  gives 24.
19. Simplify :  $126.630 \div 0.18$
20. Add :  $\frac{7}{(-18)} + \frac{5}{(-12)} + \frac{(-9)}{(-16)}$
21. Find the difference of the sum of even numbers and sum of odd numbers between 10 and 20.
22. Taking today as zero on the number line, if the day before yesterday is 17 January, what will be the date 3 days after tomorrow.

23. Find the value of :  $\frac{(0.2 \times 0.14) + (0.5 \times 0.91)}{(0.1 \times 0.2)}$

24. How many  $\frac{2}{3}$  kg pieces can be cut from a cake of weight 4 kg.

25. Product of two fractions is 13.25. If one of them is 5.75, find the other fraction. 15 \times 2 = 30

### Section-C

26. A team started with a score of -50 points. After answering a few questions, it ended with a grand total of 200 point. How much did the team score.

27. Simplify :  $12.25 \times 0.48 \times 3.2$

28. After spending  $\frac{27}{40}$  of her money, Sahana had Rs. 65 left. How much money did she spend?

29. The value of  $(-5) \times (-4) \times (-3) \times (-2) \times (-1) \times 0 + 0 \times (1) \times (2) \times (3) \times (4) \times (5)$  is \_\_\_\_\_.

30. In a game, if we reach a level we get 400 points and if we miss any level, we lose 300 points. Rohit reaches 20 levels and misses 30 levels. Find his net score.

31. Simplify :  $\frac{7}{5}$  of  $\left(\frac{4}{9} + \frac{2}{3}\right) \div 4\frac{2}{3}$

32. The height of Mt. Everest is 8,848 m above sea level and the lowest point is 10,911 m below sea level. What is vertical distance between these two points.

33. Simplify :  $\{125.19 - (16.8 \div 0.008 \times 0.21)\}$

34. What is the cost of 27.5 m of cloth at Rs. 53.50 per metre.

35. After travelling 0.8 part of the journey, Ajay found that he had travelled only 56 km. Find the total journey travelled by Ajay. 10 \times 3 = 30

### Section-D

36. If  $x = \frac{1}{10}$ ,  $y = \frac{-3}{8}$ , then

Evaluate (i)  $x + y$ , (ii)  $x - y$ , (iii)  $x \times y$ , (iv)  $x \div y$

37. Simplify :  $\left[\frac{5}{23} + \left(-\frac{18}{115}\right) + \left(\frac{-28}{138}\right)\right] \times \left[\left(\frac{23}{14}\right) \div \left(\frac{69}{17}\right)\right]$

38. Avneet purchased 3 bags at the rate of 5 for Rs. 276.50. If he gave a 500 rupee note to the shopkeeper, how much will he get back.

39. A sicut service group buys 43.7 kg of rice at ₹ 12 per kg and distributes it equally amongst 152 poor people. What was the cost of the quantity of rice that each person got?

40. A school has 300 boys. If the number of girls are  $\frac{2}{5}$  of the strength, find the total strength and number of girls in the school. 5 \times 4 = 20

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HOLIDAY'S HOMEWORK  
CLASS - VII (Session 2017-18)  
SUBJECT - MATHS (PRACTICE PAPER - II)

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**Section-A**

1. Simplify :  $\frac{2}{3} \times \frac{5}{6} \div \frac{3}{12}$
2. Add :  $-35 + (-42)$
3. Write the absolute value of  $|5 \times (-3)|$
4. Which is larger  $\frac{3}{4}$  or  $\frac{5}{12}$  ?
5. Take out 3.547 from 10.
6. Divide : 0.296 by 8
7. Write  $\frac{-14}{42}$  in a form so that the numerator is equal to 7.
8. How many pieces of tape  $3\frac{4}{7}$  cm long can be cut from a long tape, which is 1 meter 75 cm.
9. Simplify :  $(-20) \times (-1) + (-28) \div 7$
10. What should be added to 4.345 to get 5.2? 10×1=10

**Section-B**

11. An integer when divided by (-4) gives 12. Find the integer.
12. A submarine was 5827 m below sea level. If it ascends 2200 m, what is its new position?
13. Verify :  $8 \times [9 \times (-5)] = (-5) \times (8 \times 9)$
14. Simplify :  $4\frac{3}{10} - 1\frac{2}{15}$
15. A book has 2150 pages. Maya read  $\frac{2}{5}$  of book. How many pages of the book did she read?
16. Simplify :  $\frac{3}{8} + \frac{5}{6} \div \frac{2}{3} - \frac{3}{4}$
17. Express 25 mm in cm and m.
18. By how much should 121.85 be decreased to get 73.405?
19. Find the average of 5.7, 3.92, 15.73, 6.25
20. Simplify :  $[8.5 - \{3.2 + (4.78 - 2.15)\}]$
21. If a person had worked  $26\frac{7}{9}$  hours. How many more hours does he need to work to meet the requirement of 35 hours of total work?
22. Three friends Neena, Asha and Mahak divided a packet of rice  $87\frac{1}{2}$  kg equally. How many kgs of rice did each get?
23. The product of two integers is -48. If one of the integers is -6, what is the value of the other.
24. Find the product using suitable property :  $85 \times (-99) + (-85)$
25. If 12 kg of rice costs Rs. 696, then find the cost of 17 kg of rice. 15×2=30

**Section-C**

26. A rectangular field is  $18\frac{2}{5}$  m long and  $11\frac{2}{23}$  m wide. Find its perimeter.

27. The product of two numbers is  $74\frac{1}{4}$ . If one number is  $4\frac{1}{2}$ , then find the other.
28. Simplify :  $16 - 8 \div 4 \times 4$ .
29. If the sum of  $-8$  and  $a$  is  $-3$ , then find the additive inverse of  $a$ .
30. Varun's father gave him Rs. 100. He spent Rs. 28.05 out of the money he received from his father. He has to buy a book for Rs. 125. How much more money does he need to get from his father?
31. Shikha cut 50 m of cloth into pieces of 1.25 m each. How many pieces does she get?
32. Simplify :  $63 - [(-3) \{-2 - \overline{8-3}\}] \div [3\{5 + (-2)(-1)\}]$
33. From his home, Rahul walk  $\frac{6}{7}$  km towards school and then returns  $\frac{5}{6}$  km on the same way towards his home to reach a landmark. Where will he be now from his home?
34. What is the difference between the greatest and least numbers of  $\frac{5}{9}, \frac{1}{9}$  and  $\frac{11}{9}$ ?
35. Michael purchased a note book for ` 23.75, a pencil for ` 3.35 and a pen for ` 15.90. He gave a 50 rupee note to the shopkeeper. The amount he got back is ` \_\_\_\_\_.

$$10 \times 3 = 30$$

### Section-D

36. Given  $a = 1\frac{5}{7}, b = \frac{1}{4}, c = \frac{1}{9}$  and  $d = \left(-1\frac{1}{4}\right)$ , evaluate  $a(b - c) \div d$ .
37. Subtract the sum of 2350 and  $-5020$  from the sum of  $-3505$  and 405.
38. Simplify :  $\frac{1}{4} - \left(\frac{13}{12} \text{ of } \frac{4}{39}\right) + \frac{1}{2}$
39. Mohan saves 0.2 part of his salary every month. If his monthly salary is Rs. 11000, how much will he save in one year?
40. An electric company earns a profit of ` 80 on every colour TV and loss of ` 60 on every refrigerator. If the company sells 5000 pieces of colour TV and 4000 pieces of refrigerator in a month, what is its profit or loss.

$$5 \times 4 = 20$$

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## ANSWER KEY PRACTICE PAPER-I

- |                                       |                       |  |                     |                         |
|---------------------------------------|-----------------------|--|---------------------|-------------------------|
| 1. 5                                  | 2. $\frac{3}{4}$      | 3. 2540 m                                    | 4. $\frac{1}{8}$    | 5. 16                   |
| 6. 30                                 | 7. 10                 | 8. 6   | 9. $\frac{3}{11}$   |                         |
| 10. $-3 + \left(\frac{-3}{11}\right)$ | 11. -4300             | 12. 3.75, $\frac{13}{4}, 2.45, \frac{12}{5}$ |                     | 13. 9                   |
| 14. $7\frac{7}{12} \text{ m}^2$       | 15. $0.1\bar{3}$      | 16. Rs. 48.125                               | 17. $5\frac{1}{24}$ | 18. -72                 |
| 19. 703.5                             | 20. $\frac{-35}{144}$ | 21. 15                                       | 22. 23              | 23. 24.15               |
| 24. 6                                 | 25. 2.304             | 26. 250                                      | 27. 18.816          | 28. Rs. 135             |
| 29. 0                                 | 30. 172               | 31. $\frac{1}{3}$                            | 32. 19,759 m        | 33. 81.09               |
| 34. Rs. 1471.25                       | 35. 70 km             | 36. (a) 12, (b) 20, (c) 5                    |                     | 37. $\frac{-119}{2070}$ |
| 38. Rs. 334.10                        | 39. Rs. 3.45          | 40. 500, 200                                 |                     |                         |

**THE GURUKUL NILOKHERI**  
**HOLIDAYS HOMEWORK**  
**PRACTICE PAPER**  
**SUBJECT - SCIENCE**  
**CLASS - VII**

MM : 80

- 1) Which acid is known as 'king of chemicals'?
- 2) Name the salt obtained by the reaction between HCl and NaOH.
- 3) What are saprophytes?
- 4) Name the green pigment present in the leaves.
- 5) What is mixture?
- 6) What is atomicity?
- 7) What is reflection?
- 8) What is spectrum?
- 9) Name the three forms of water.
- 10) What is percolation rate? 1×10=10
- 11) What is acid rain? What are its ill effects?
- 12) Why is it wise to neutralise the factory wastes before disposing them into rivers or lakes?
- 13) Discuss any two types of heterotrophic nutrition in plants.
- 14) Explain how plants take in carbon dioxide through stomata.
- 15) Write the chemical formula of : water, common salt, hydrochloric acid & calcium carbonate.
- 16) Classify the following as elements and compounds : water, nitrogen, carbon & hydrogen chloride.
- 17) State two differences between a convex and a concave lens.
- 18) When does the water table get depleted?
- 19) Why is humus content high in the soil in warm & wet tropical areas? 9×2=18
- 20) How would you prepare a china rose indicator and use it to test the nature of different substances?
- 21) List some properties of bases.
- 22) Write chemical formula of following bases :  
(i) calcium hydroxide (ii) magnesium hydroxide (iii) sodium hydroxide
- 23) With the help of three examples discuss how leaves of insectivorous plants are modified to trap insects.
- 24) Write an experiment to show that sunlight is necessary for photosynthesis.
- 25) How do Rhizobium bacteria and leguminous plants help each other in survival?
- 26) Balance the following equations  
(a)  $\text{CH}_4 + \text{O}_2 \longrightarrow \text{CO}_2 + \text{H}_2\text{O}$  (b)  $\text{Na}_2\text{O} + \text{H}_2\text{O} \longrightarrow \text{NaOH}$   
(c)  $\text{Ca}(\text{OH})_2 + \text{HCl} \longrightarrow \text{CaCl}_2 + \text{H}_2\text{O}$
- 27) (i) What are the two essential conditions for rusting?  
(ii) How does oiling of iron objects prevent rusting?
- 28) What are crystals? How can the crystals of sodium chloride be prepared from common salt?
- 29) Where are the images formed by a convex lens when the object is kept?  
(i) At F (iii) between F and 2F (ii) At 2F (iii) At infinity
- 30) List various ways of conserving water.
- 31) Describe the three main types of soil. 12×3=36
- 32) Discuss any four ways to prevent soil erosion.
- 33) (i) What is a neutralization reaction? Give one example.  
(ii) How can a hydrated salt be converted into anhydrous salt?
- 34) With the help of well labelled diagram. Describe the process of photosynthesis in green plants.  
Write the reaction that takes place during photosynthesis.
- 35) i) Why does the cut surface of brinjal turn brown?  
ii) How can we reduce the level of browning on the surface of vegetables?  
iii) Write the reaction between vinegar and baking soda. 4×4=16