

CLASS-VII
HOLIDAY HOMEWORK(2019-2020)
ENGLISH

WORKSHEET

Q1. (a) Fill in the blanks with a, an ,the.

1. _____ sun rises in the east and sets in _____ west.
2. _____ Rajdhani Express is _____ fast and comfortable train for _____ rich.
3. _____ postman put _____ letter under _____ front door just _____ hour after you had left.
4. . Honey is one of most amazing products found in nature. It was used in ancient times as medicine. The Egyptians used it as embalming material for mummies.
5. _____ man you saw here yesterday is _____ uncle of mine and _____ great lover of _____ Ramayana .

(b) Read the following paragraph carefully and fill in the blanks with appropriate forms of the verbs given in brackets:

1. Louis Braille was three years old when he _____(lose) his eyesight as a result of an accident. His father _____(have) a leather workshop. On the day of the accident, Louis _____(play) in his father's workshop . He _____ (imitate) his father at work. Louis _____ (take) a sharp needle and hit it playfully with a hammer. The needle _____ (bounce) up and _____ (pierce) one of his eyes. Although the doctors _____ (do) their best, his eyes could not be saved.
2. Once, in a forest, there _____(live) a lion and his wife. One day the lioness _____ (give) birth to twins. It was the duty of the lion to bring food. So he _____ (kill) deer or anything that _____ (come) in his way and gave it to the lioness. One day he _____ (wander) the whole day and could not find anything. At sunset, when he _____ (come) back, he found a baby jackal. He _____ (take) pity on it because it was a baby and _____ (leave) it free.

(c) Fill in the blanks with appropriate words from those given in brackets:

1. This story is _____ (very, much) interesting.
2. Your statement is _____(very, quite) logical.
3. He was killed ten years _____ (ago, before).
4. She plays hockey _____ (good, well)
5. She is _____ (very, too) delighted to see me.

(d) Fill in the blanks in the following with an appropriate conjunction:

1. Two _____ two make four.
2. You will pass _____ you work hard.
3. She slept _____ she had finished the work.
4. Make hay _____ the sun shines.
5. _____ he was not there, I spoke to his mother.

Take a print out of the worksheet. Complete it and paste it in your language copy.

Q2. Make a display card of A4 size following the given directions.

(a) Use an A4 size pastel sheet of green, yellow or light blue colour.

(b) Paste the picture of one of the following authors- Ruskin Bond, Jerome K Jerome, Jawaharlal Nehru, and William Shakespeare

Below it provide the following information about the author

Date of birth

popular works

awards received

Q3. Make a beautiful bookmark for your Literature Reader, decorate it and write an inspirational quotation. Get the bookmark Laminated.

Take a printout of your worksheets and paste it in your Language Notebook

HINDI

1. घर में उपलब्ध सामग्री की सहायता से सुंदर कठपुतली बनाइए ।
2. विशेषण या क्रिया विशेषण के भेदों का मॉडल तैयार करो ।
3. कक्षा कार्य की पुनरावृत्ति कीजिए ।
4. 10 पृष्ठ सुलेख करो। (अलग कॉपी पर) (50 पृष्ठ वाली)

SANSKRIT

1. 5 दैनिक वस्तुओं के व 5 फूलों के चित्र बनाकर उनके नाम लिखिए ।
(ए-4 पेपर पर , प्रदर्शन हेतु)
2. पाठ – 1, 2, 3, के शब्दार्थ प्रश्नोंत्तर एवं अभ्यास कार्य लिखकर याद करो।
3. नम् , चल् धातु रूप के चारों लकार और राम , शब्द रूप पाँच-पाँच बार लिखकर याद करो ।
(प्र0 – 2 और 3 अलग कॉपी पर करो)

MATHS

(I) Write down a pair of integers whose

- a) Difference is -5
- b) Sum is -3
- c) Difference is 2

1. Find using distributive property

- (i) -49×18
- (ii) $70 \times (-19) + (-1) \times 70$

2. In a class test containing 15 questions, 4 marks are given for every correct answer and -2 marks are given for every incorrect answer. Mona attempts all questions but 9 of her answers are incorrect. Find her total score.

3. Verify: $a - (-b) = a + b$ for the values of a and b
 - (i) $a = 2, b = -1$
 - (ii) $a = -1, b = 2$
4. Can we say integers are closed under subtraction?
5. Find the product: $(-20) \times (-2) \times (-5) \times (-7)$
6. Verify: $(-30) \times [13 + (-1)] = [(-30) \times 13] + [(-30) \times (-3)]$
7. A certain freezing process requires that room temperature be lowered from 38°C at the rate of 5°C . Find the room temperature after 7 hours.
8. An elevator descends into a mine shaft at the rate of 5m per minute. What will be its position after 1 hour? (suppose the distance above the ground represented by a positive integer and below the ground by a negative integer)
9. Find:
 - (i) $(-325) \div (-13)$
 - (ii) $(-201) \div (-1)$
10. Find:
 - (i) $[(-36) + 8] \div (-2) + (-2)$
 - (ii) $(-100) + 50 \div 10$
11. Write 3 pairs of integers 'ab' such that $a \div b = -2$
12. Verify that $a \div (b + c)$ not equal to $(a \div b) + (a \div c)$ for $a = 18, b = -6, c = 1$
13. Fill in the blanks:
 - (i) The additive inverse of _____ is the number itself.
 - (ii) The product of 3 negative and 2 positive integers is _____.
 - (iii) The multiplicative inverse is also known as _____.
 - (iv) _____ is the additive identity
 - (v) _____ is the multiplicative identity.
14. Name the property:
 - (i) $2 + (-1) = (-1) + 2$
 - (ii) $[2 \times (-1) + 3] = 2 \times (-1) + 2 \times 1$
 - (iii) $(-8) \times (-4) = 32$
15. Write 5 equivalent fractions of $\frac{7}{8}$.
16. Arrange the following in descending order
 - (i) $\frac{2}{5}, \frac{7}{10}, \frac{3}{7}$
 - (ii) $\frac{8}{17}, \frac{8}{5}, \frac{8}{13}, \frac{8}{9}$
17. Express as mixed fraction:
 - (i) $\frac{13}{11} \times 16$
 - (ii) $7 \times 2\frac{1}{4}$

18. Subtract $\frac{4}{15}$ from $\frac{9}{11}$.

19. Add:

(i) $7\frac{1}{3} + 10\frac{2}{5}$

(ii) $\frac{8}{21} + \frac{2}{3} + \frac{5}{9}$

20. Seema studies for $5\frac{2}{3}$ hours daily. She devotes $2\frac{4}{5}$ hours of her time for science and mathematics. How much time does she devote for other subject?

21. Find:

(a) $\frac{2}{7} \times 1$

(b) $\frac{9}{7} \times 6$

(c) $3 \times \frac{1}{8}$

22. Represent pictorially: $2 \times \frac{2}{5} = \frac{4}{5}$

23. Compute: $4\frac{2}{3} + \frac{1}{3} - 4\frac{1}{3}$

24. Shikha bought $7\frac{1}{2}$ milk. Out of this $5\frac{3}{4}$ litres was consumed. How much milk is left with her?

25. Find:

(a) $\frac{2}{3}$ of 90

(b) $\frac{4}{5}$ of 75

(c) $\frac{3}{4}$ of 120

26. Multiply and reduced to lowest form:

(i) $6 \times 3\frac{1}{4}$

(ii) $6\frac{1}{3} \times 8$

(iii) $25 \times \frac{3}{15}$

27. Anil reads $\frac{1}{3}$ of a book in hour. How much part of the book will he read in $2\frac{1}{5}$ hours?

28. Multiply the following fraction:

(i) $3\frac{2}{5} \times \frac{14}{7}$

(ii) $\frac{3}{8} \times \frac{6}{4} \times \frac{16}{5}$

(iii) $3\frac{4}{7} \times \frac{14}{15} \times \frac{1}{2}$

29. Divide the following fractions:

(i) $8 \div 2\frac{2}{5}$

(ii) $\frac{3}{5} \div \frac{1}{2}$

(iii) $2\frac{3}{5} \div 2$

(iv) $2\frac{1}{5} \div 3\frac{2}{15}$

30. Express in kg:

(i) 100g

(ii) 1570g

(iii) 3kg 50g

31. Find:

(i) 2.03×5.27

(ii) 305.26×5

(iii) 12.52×2.5

32. Find:

(i) 7.75 by 0.25

(ii) 42.8 by 0.02

(iii) 5.6 by 1.4

33. Fill in the blanks:

(a) $2.26 \times 10 = \underline{\hspace{2cm}}$

(b) $0.15 \times 10 = \underline{\hspace{2cm}}$

(c) $10.623 \times 100 = \underline{\hspace{2cm}}$

(d) $43.07 \times 100 = \underline{\hspace{2cm}}$

(e) $0.2 \div 2 = \underline{\hspace{2cm}}$

(f) $4.8 \div 10 = \underline{\hspace{2cm}}$

(g) $8.26 \div 1000 = \underline{\hspace{2cm}}$

(h) $0.5 \div 1000 = \underline{\hspace{2cm}}$

(i) $12.08 \div 10 = \underline{\hspace{2cm}}$

(j) $0.18 \div 1000 = \underline{\hspace{2cm}}$

34. Find the average of

(a) 3.6, 7.2 and 10.8

(b) 4.2, 3.8, 7.6 and 2.4

Group activity

Verify the relationship between a pair of vertically opposite angles.

1. Verify:
 - (i) Angle sum property of a triangle
 - (ii) Relation between an exterior and an interior opposite angles of a triangle.
2. Verification of Pythagoras theorem using graph paper.
3. Make parallelogram, rhombus, square, trapezium, rectangle using set-squares (use paper cards for making set-squares)
4. Lines of symmetry of square, kite, parallelogram, semi-circle and regular hexagon by paper folding method.
5. Isometric and oblique sketches of three-dimensional shapes.
 - (i) Draw a cube with an edge 6 unit
 - (ii) Draw a cuboid of dimension 7 x 4 x 2
 - (iii) Draw a cuboid of dimension 8 x 6 x 3.

SCIENCE

1. Make a poster on "Save water". Add a catching slogan too.
2. Prepare a working model for science exhibition on any of the Topics related to scientific concept and prepare a report on a white-chart or on an A4 size sheet.
3. Revise lesson 1, 2, 4 and 16 for periodic test.

ASSIGNMENT

BIOLOGY

- 1 With the help of example, write how leaves of insectivorous plants are modified to trap insects.
- 2 What would happen if the leaves of a money plant are coated with oil?
- 3 Why and how the stomach of ruminants is different from ours?
- 4 Explain the role played by different digestive juices in digestion and the organs which secrete them.
- 5 Describe the different types of teeth along with their structures and functions in human body.

PHYSICS

1. Distinguish between the following
 - a) Clinical thermometer and Laboratory thermometer
 - b) Land breeze and Sea breeze
2. Explain conduction, convection and radiation with the help of an example.
3. Give reason for the following
 - a) Table mats are made from plastics.
 - b) We cannot use laboratory thermometer to measure our body temperature.
 - c) Solar cooker are painted black from inside.
 - d) We prefer to wear white cloth in summer.
 - e) The mercury is chosen as thermometric liquid.
 - f) Stainless steel cooking utensils are usually provided with copper bottoms.
 - g) Shopkeeper selling ice blocks usually cover them with jute bags.
4. Mention the mode of heat transfer in the following
 - a) Sun's heat reaching earth
 - b) Water in a geyser
 - c) Air inside a room

5. a) Three identical jars A, B, C are painted blue, black and white respectively. All the three filled with same amount of water at room temperature and then placed in sunlight for an hour. Will the water in the three jars be at the same temperature after one hour? Why or why not?
 b) In the situation described above arrange the jars in the ascending order of the temperature?

Chemistry

- 1 List the ways in which we can conserve water
- 2 What factors cause depletion of the water table?
- 3 Define a) Aquifer b) Water table c) Infiltration
- 4 Write a few daily activities that can be stopped during scarcity of water.
- 5 Draw and explain water cycle.

SOCIAL SCIENCE

Make a model of the interior structure of the earth ,labelling it properly (Roll no 1-5)
 (Refer to Pg 7 of Ch 2 of Geography).

(i) Write about the interior structure of the earth on an A-3 size size sheet and (ii) Draw the components of environment in a separate A-3 size sheet.(i and ii :-Roll no. 6 - 10)

Make a model showing weekly market and shopping mall on a thermocol sheet. (Roll no 11- 15)

On a thermocol sheet make a model showing different modes of transport. (Roll no 16 – 20)

Make a model of the Jagannath temple in Puri. (Roll no 21-25)

Make a calendar on Delhi Sultans. (Roll no 26-30)

Make a model of the rock cycle. (Roll no31-36)

(i) Collect the pictures of different advertisements from newspapers and paste them on a chart and (ii) On an A-3 size sheet draw the picture given in pg 105 of Ch 9 (Book:- SOCIAL AND POLITICAL LIFE) (i and ii:- Roll no 37 till last roll number.)

COMPUTER

1. Make a Excel worksheet showing food items with calories for each as given below in the figure .

Food Item		Food Calories
Vegetables (per 100 gms)		
	Cabbage	45
	Carrot	48
	Cauliflower	30
	Cucumber	12
	Peas	93
	Potato (Fried)	450
Fast Food		
	Cheese burger (1)	610
	Fries (regular)	360
Fruits		
	Apple	56
	Banana	153
	Guava	66
	Papaya	32

Example :

Cabbage : 45
 Fries: 360
 Banana : 153
Total 558 < 700



Meal 1:

Cheese burger 610
 Cucumber 12
 Papaya 32

Meal 2:

Potato (Fried) 450
 Banana 153
 Apple 56

Design meal consisting of 3 food items (1 item from each category). You have to ensure that the meal menu should add up to atleast 700 calories as given in example and paste the printout of worksheet in your notebook.

2. Make thermocol(45 X 30 cm) cut out of logo of different IT terms (refer pg no 161)
3. Revise the syllabus taught for periodic test - 1.

MUSIC

Learn the following songs-

1. Light of the world, when I look into your holiness.
2. School Anthem

ART & CRAFT

Make Madhubani painting on full chat paper.