

CLASS-VII
HOLIDAY HOMEWORK

ENGLISH

MCB PAGE 118

Match the sports in column A with the sports persons playing the sports in column B. Also paste a picture of each sports person in column C and write their achievements. (Do any 4)

To be done in language copy

HINDI

1. एक चार्ट पेपर पर हिन्दी महीनों के नाम लिखिए।
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. व्यवहारिक संस्कृत शब्दों के 5 फूलों व 5 दैनिक वस्तुओं के चित्र बनाकर उनके नाम लिखिए।
(चार्ट पर रंगों द्वारा, प्रदर्शन हेतु)
2. पाठ – 1, 2, 3, 4, के शब्दार्थ प्रश्नोंत्तर एवं अभ्यास कार्य लिखकर याद करो।
(अलग कॉपी पर)(50 पृष्ठ वाली)
3. नम् , चल् धातु रूप और राम , रमा शब्द रूप पाँच-पाँच बार लिखकर याद करो।
(अलग कॉपी पर)(50 पृष्ठ वाली)

MATHS

1. Make a model for the exhibition based on the following topic:

- i. Integers.
- ii. Fractions.
- iii. Decimals.
- iv. Data handling.
- v. Pairs of angles.
- vi. Parallel lines and angles.
- vii. Triangle and its properties.
- viii. Congruence of triangles
- ix. Symmetry.
- x. Perimeter and area.
- xi. Solid shapes

2. Solve the assignment sheet. (in separate notebook)

3. Practice Chapter – 1 and 2 for Periodic test I

ASSIGNMENT

1. Fill in the blanks:

- The additive inverse of _____ is the number itself.
- The product of three negative and two positive integers is _____.
- The multiplicative inverse is also known as _____.
- _____ is the multiplicative identity.
- _____ is the additive identity.

2. Write a pair of integers to satisfy the given conditions.

- a) Sum is -6 b) Difference is -4 c) Product is -8 d) Quotient is -5

3. Simplify: $(-5 + 2) - \{8 + (6 - 9)\} + 3$

4. A spider crawls up 5 cm every second on a 60 cm vertical rod and then falls down 2 cm over the next second. How many seconds will it take to climb the rod?

5. A tank contains 500 litres of water. Due to a small hole in the tank, the quantity of water is decreasing at the rate of 9 litres every hour. What will be the quantity of water in the tank after 5 hours?

6. Sam was playing a game. He scored 24 points in the first round but lost 7 points in the second round. He again scored 10 points in the third round but lost 4 points in the fourth round. Find his final score.

7. A plane is flying at the height of 11000 m above the sea level. At a particular point, a submarine exactly below the plane is floating 1400 m below the sea level. What is the vertical distance between the plane and the submarine?

8. Solve using suitable properties:

- a) $61 \times (-6) + 4 \times (-61)$ b) $(-62) \times 105$
c) $(-56) \times 98$ d) $(-68) + 29 \times (-68)$

9. Inder was 4 km east of his house. Now he is 3 km west of his house. How much distance did he travel?

10. A bag had 97 marbles. Geeta came and took 37 marbles away and Alwin put in some more marbles in the bag. The number of marbles in the bag is now 13 more than the number of marbles it had initially. Find how many marbled Alwin had put in the bag.

11. Mt. Everest is at a height of 8850 m. Its base is at an elevation of 5400 m. The temperature here drops at the rate of 1 degree per 100 m. If the temperature at the base is $(-5)^\circ\text{C}$, what is the temperature at the top?

12. Harish started a game of monopoly with ₹ 70. He had to pay ₹ 25 as tax and he received ₹ 10 as rent of one of his sites. Again he won ₹ 20 by lottery and was then fined ₹ 50 for speeding. How much money was left with him at the end of the game?

13. A submarine left the surface of the water at the rate of 2 m per second. At that rate how long would it take the submarine to reach 60 metres below the sea level?

14. Arun earns a profit of ₹ 5 by selling a book and incurs a loss of ₹ 2 on selling a notebook. In a particular month he sold 15 books and 20 notebooks. Find his net profit or loss.

15. In a class test 4 marks are given for every correct answer and (-2) marks are given for every incorrect answer. Monika attempted 12 questions correctly and had a total score of 28. How many questions did she attempt incorrectly?
16. In a class of 48 students, $\frac{1}{4}$ of them regularly watch a particular TV programme. How many of them do not watch the TV programme regularly?
17. Jaya had three ribbons with her. The length of the green ribbon was 12 m 50 cm. The red ribbon was $\frac{3}{5}$ of the length of the green ribbon. The yellow ribbon was $2\frac{1}{2}$ times the red ribbon. What is the length of the green ribbon?
18. How many years are there in $\frac{2}{5}$ of a century?
19. A tree is standing behind a building. $\frac{2}{5}$ of the height of the tree can be seen and the rest is hidden by the building. The building is 9 metres high. What is the height of the tree?
20. When a fraction is divided by the difference of $\frac{1}{2}$ and $\frac{1}{6}$, we get $\frac{2}{3}$. What is the fraction?
21. In the given number series, write the next four numbers.
 $\frac{3}{4}, 1\frac{1}{2}, 2\frac{1}{4}, 3,$ _____, _____, _____, _____.
22. There are 120 seats in the balcony of a theatre. If these are $\frac{1}{5}$ of the total seats, what is the total number of seats in the theatre?
23. A designer uses $\frac{2}{3}$ m of cloth to stitch a dance costume. How many costumes can be stitched using 100 m of cloth?
24. What should be added to 3.189 to get 7?
25. What should be added to the difference of 3.14 and 1.674 to get 9?
26. Gagan gave a treat to his friends for his birthday. Five of his friends opted for a packet of juice that costs ₹ 10.50 and eight of his friends opted for an ice cream that costs ₹ 20.15 each. How much money did Gagan spend on the treat?
27. The temperature of a city was 7.45 °C on Monday. It rose by 4.9 degrees on next day and decreased by 3.27degrees the following day. What was the temperature on Tuesday and Wednesday?
28. A social service group buys 43.7 Kg of rice at ₹ 12 per Kg and distributes it equally among 152 poor people. What is the cost of the quantity of rice that each person gets?
29. Meera bought a sofa for ₹4395 on Diwali. Being the festival season, she was allowed to pay the price of the sofa in 12 equal instalments without any interest. How much is monthly instalment that she has to pay?
30. Veeru covered 0.6 m in each step while running. In a 100 m race after covering 68.8 m, he fell down. How many steps remained for Veeru to finish the race?

SCIENCE

1. Make a human digestive system/Respiratory system/Excretory system (any one) on a chart paper. You can either cut the shape of the various organs from a card board and paste them on the chart or draw on the chart paper itself

OR

Conservation of electricity is very important to all of us. Think of methods to redesign a room so that it will remain cool in summers and warm in winters such methods should help to minimize the use of air conditioners and room heater. Make a power point presentation based on your ideas.

2. Prepare a working model for a science exhibition on any of the Topics related to scientific concept and prepare a report on white- chart or A4 size sheet.

3. Revise lesson 1 ,2,4 and 16 for periodic test.

SOCIAL SCIENCE

Collect the pictures of different monuments of Mughal period and paste on a chart paper. (Roll no 1- 10)

On a thermocol sheet make a model showing wildlife by using artificial grass, animals etc. (Roll no11-20)

Make a model showing weekly market and shopping mall on a thermocol sheet. (Roll no 21-30)

Make a collage of Mughal emperors. (Roll no31-40)

Collect the pictures of different advertisements from newspapers and paste them on a chart. (Roll no40-45)

COMPUTER

1. Make thermocol (45 X 30 cm) cut out of logos of different operating system for personal computer. (refer pg no 21 of your book).
 - a) Open source operating system (roll no 1 to 20)
 - b) Proprietary operating system (roll no 21 to last roll no)
2. Make a list of different application software and there uses that run on the computers using MS-EXCEL paste the print out in your computer note book.
3. Revise the syllabus taught for periodic test - 1.

MUSIC

Learn the following -

1. Light of the world
2. School Anthem

ART & CRAFT

Make decorative items using newspaper .