

H.D. Sr. Sec. Public School Kheri (Meham)

Session :2023-2024

Class -VII (A+B)

Summer Holidays Homework 

Subject : English

- ❖ Write a paragraph on your likes and dislikes with reason, why like it or dislike it.
- ❖ Read atleast one page of your book regularly, underline difficult words and find their meanings(Do it in book itself).
- ❖ Write a paragraph that how you have spent your holidays (150-200words).
- ❖ Write ten examples of each type of noun that is around you.
- ❖ Do reading comprehension from your book.(5)
- ❖ There is father's day on 18th June paste a photo of your father on A4 size sheet and write a paragraph about your father. Express your love to your father in a video.
- ❖ Send video to the class teacher
- ❖ Create a memory book of the best moments of the summer breaks for each memory write few lines also. Decorate your memory book with a colourful cover.

Subject : Science

Make a working model of science and one page report must be prepare on it.You can make models from the following topics :

Roll no 1 to 5 (3D Photosynthesis)

Roll no 6 to 11 (Hydropower Plant)

Roll no 11 to 16 (Fire Alarm /Rain Detector)

Roll no 16 onwards (Waste Disposal system)

- ❖ Make a short video of around 1 to 1:30 min. on any activity of science and make it innovative..
- ❖ Do the given worksheet of science .

Subject : Maths

- Learn tables 2 to 25
- Solve the assignment which will be provided to you via whatsapp.
- Make a chart on
 - Types of fractions(roll no 1to10)
 - Types of angles(roll no 11 to 25)

Subject : Hindi

👉 महाभारत पाठ 1 से 10 पढ़ें

👉 15 सुलेख लिखें ।

👉 निम्नलिखित शीर्षक पर सुंदर लेख लिखें ।

1. वृक्षारोपण

2. अभ्यास का महत्व

3. विद्यालय की प्रार्थना -सभा

👉 बाल महाभारत -20-25 नवीन शब्द खोज कर लिखें

👉 परियोजना-कार्य

प्रतिदिन 5 नए शब्द लिखें व उन्हें वाक्य में प्रयोग करें।

प्रतिदिन 1 पेज अपनी पाठ्यपुस्तक से पढ़ें।

♦ अपनी वंशत की पाठ्य पुस्तिका में से कोई एक कवि चुन कर उनकी दो कवितायें चार्ट पर सुंदर लिखावट में लिखें व उनका चित्र भी चिपकाये।

♦ गर्मी की छुट्टियों में आप भ्रमण पर गए हैं तो उसका विस्तार से वर्णन कीजिए।

Subject : Sanskrit 

* प्रतिदिन 5 संस्कृत शब्द व उनके अर्थ अलग कॉपी में लिखिए व याद कीजिये।

क्रियाकलाप

 1 से 100 तक गिनतियां संस्कृत में सुंदर अक्षरों में लिखिए और याद कीजिए।

अथवा

 कोई भी 3 धातु रूप के लंग लकार, लोट लकार और विधिलिंग लकार A4 Sheet पर लिखिए और याद कीजिए।

Subject : S.S.T 

1. Read Chapter – 3 and 13 and make a pocket dictionary based on these chapters.

2. Read Ch – 21, 22 and make your own manuscript for Ch-21 and 22 . Also make a cover page of your manuscript and use a ribbon for tying it up.

3. **MapWork:-** *

1. Locate and label the following kingdoms of early medieval period: Rashtrakutas , Cholas , Palas, Pandyas , Pallavas, Rajputs. (HISTORY)

2. State and Capitals , U.T. of India, Oceans and Continents of the World.

Computer :-

- Name any 5 E- Commerce Apps.
- Name any 5 Social Media Apps.
- Write 20 shortcut keys with their functions.
- Write 20 Full Forms related with Computer Science. (20)
- Name any 5 forms of Cyber Threat.

Art & craft - 1. Make one item of “Best out of waste”.

2. Complete your file upto Bird Study.

Note: Do your work in separate notebook  or register.

*All subject work should be done in one notebook .

Happy summer vacations 

Have juicy fruits Stay healthy ,stay fit...

H.D. SR. SEC. PUBLIC SCHOOL, KHERI (MEHAM)

Class – 7th

Holiday Homework

Maths Assignment

1. Find the sum of the following fractions.

(i) $\frac{2}{17} + \frac{5}{17}$

(ii) $\frac{7}{9} + \frac{3}{7}$

(iii) $\frac{5}{12} + \frac{1}{6}$

(iv) $\frac{9}{24} + \frac{7}{12} + \frac{11}{16}$

(v) $3 + 4\frac{1}{5}$

(vi) $11\frac{1}{4} + 8\frac{1}{3} + 10\frac{1}{2}$

2. Find the difference of the following fractions.

(i) $\frac{7}{11} - \frac{4}{11}$

(ii) $\frac{5}{7} - \frac{7}{11}$

(iii) $\frac{2}{15} - \frac{1}{20}$

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

(v) $3 - 2\frac{1}{3}$

(vi) $8\frac{5}{9} - 7\frac{7}{15}$

3. Simplify the following expressions.

(i) $\frac{1}{18} - \frac{2}{9} + \frac{5}{12}$

(ii) $11 - 4\frac{1}{4} - 3\frac{2}{3}$

(iii) $2\frac{1}{4} + 4 - 1\frac{1}{2}$

(iv) $4\frac{2}{3} - 3\frac{1}{4} + 2\frac{1}{6}$

4. Deepica bought $4\frac{1}{2}$ kg of mangoes and a $7\frac{1}{3}$ kg watermelon. What is the total weight of fruits purchased by her?

5. Six bottles of oil contain $4\frac{1}{5}$ L, $3\frac{1}{4}$ L, 3 L, $6\frac{1}{2}$ L, 7 L and $5\frac{1}{3}$ L of oil, respectively. These bottles are emptied in an empty can. How much oil is there in the can?

6. What should be added to $12\frac{2}{15}$ to get $18\frac{9}{25}$?

7. What should be subtracted from $13\frac{3}{16}$ to get $3\frac{37}{48}$?

8. Find the following.

(i) $\frac{7}{5}$ of 5 litres

(ii) $\frac{7}{12}$ of an hour

(iii) $\frac{4}{7}$ of a week

(iv) $\frac{1}{4}$ of a year

(v) $\frac{9}{20}$ of a metre

(vi) $\frac{7}{10}$ of 5 kg

9. Mangoes are being sold at ₹ $38\frac{3}{4}$ per kg. What is the cost of $3\frac{1}{5}$ kg of mangoes?

10. Sheila walks $\frac{6}{7}$ km in 1 hour. Find the distance she will cover in $2\frac{5}{8}$ hours.

11. Find the area of a square of side $5\frac{2}{3}$ m.

12. Vihaan reads a story book for $\frac{3}{5}$ hours in a day. He reads the entire book in 25 days. How many hours did he take to read the entire book?
13. A milk container can hold $3\frac{3}{5}$ litres of milk. How much milk will be there in 50 such containers?
14. A rectangular field is $18\frac{2}{5}$ m long and $11\frac{2}{23}$ m wide. Find its area.
15. A bag contains 30 kg of rice. A family consumed $\frac{2}{3}$ of it. How much rice is left in the bag?
16. The number of runs scored by a cricket player in 25 innings is as follows.
54, 84, 124, 39, 82, 48, 15, 42, 35, 53, 47, 71, 34, 105, 0, 139, 64, 0, 48, 26, 64, 94, 42, 0, 67
- Rearrange these runs in ascending order.
 - Determine the player's highest score.
 - How many times did the player not score a run?
 - How many centuries did he score?
17. Organise the following marks in a class assessment in a tabular form.
7, 6, 5, 8, 7, 3, 1, 1, 2, 3, 4, 5, 7, 7, 8, 3, 1, 7
- Which number is the highest?
 - What is the range of the data?
18. Tanay obtained the following scores (out of 50) in six mathematics tests. What is the mean score?
33.5, 40.5, 25.5, 45.5, 48, 32
19. Find the mean of
- | | |
|-------------------------------------|--------------------------------------|
| (i) The first six whole numbers | (ii) The first ten composite numbers |
| (iii) The first five multiples of 7 | (iv) All the factors of 24 |
20. Find the median of the following.
- | | |
|---|---------------------------------|
| (i) 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 | (ii) 18, 17, 46, 17, 20, 19, 17 |
| (iii) 83, 36, 40, 248, 0, 69, 73, 105 | |
| (iv) 2000, 3275, 3000, 4220, 2225, 3750, 1980, 3520, 3520, 4100, 2350, 3200 | |
21. Find the median of the
- | | |
|------------------------------|---------------------------------|
| (i) First ten odd numbers | (ii) First ten prime numbers |
| (iii) First 40 whole numbers | (iv) Prime numbers less than 20 |
22. What is the median age of a family whose members are 42, 38, 14, 13, 10 and 8 years old?
23. A total of 15 students secured the following marks in a test in statistics.
35, 29, 23, 11, 30, 17, 18, 10, 29, 19, 20, 13, 28, 25, 17
Find the median marks.

24. Find the mode for each distribution:
 (i) 2, 3, 7, 9, 3 (ii) 11, 9, 10, 11, 1, 5, 12, 8, 17, 11, 8, 11, 12
25. A batsman scored the following runs in 10 one-day matches:
 25, 0, 18, 50, 72, 16, 35, 50, 82, 39
 Find his modal score.
26. Check whether the value given in the brackets is a solution to the given equation.
 (i) $x + 11 = 13$ ($x = 1$) (ii) $5x + 3 = 13$ ($x = -2$) (iii) $5x + 3 = 13$ ($x = 2$)
27. Write the equations for the following statements.
 (i) The sum of number x and 5 is 13.
 (ii) Seven times p is 84.
 (iii) Three – fourth of m is 21.
 (iv) The sum of twice of y and (-7) is 13.
 (v) Three – fourths of y when added to 4 gives 16.
 (vi) Two- thirds of a number n minus 3 gives 5.
28. Write any one form of statement for the following equations.
 (i) $x + 5 = 14$ (ii) $y - 3 = 11$ (iii) $3n = 15$
 (iv) $\frac{m}{7} = 3$ (v) $\frac{2}{3}x = 4$ (vi) $3x + 4 = 22$
29. Set up an equation for each of the following cases.
 (i) Tanay obtained 98 marks in a mathematics test. His score is the highest in the class and it is also 8 more than three times the lowest score. (Hint: Take the lowest score to be l).
 (ii) Sheila's father is three times as old as her. The sum of their ages is 56 years.
 (Hint: Take Sheila's age to be x years)
 (iii) Sum of two numbers is 39. The greater number is 7 more than the smaller number.
 (Hint: Take the smaller number to be n)
30. Give the first step you will use to separate the variable and then solve the equation.
 (i) $x - 2 = 0$ (ii) $x + 3 = 0$ (iii) $x - 5 = 3$
 (iv) $x + 7 = 5$ (v) $x - 3 = -8$ (vi) $x + 5 = 5$
31. Give the first step you will use to separate the variable and then solve the equation.
 (i) $2t = 34$ (ii) $\frac{x}{3} = 7$ (iii) $5y = 26$
 (iv) $7p = -23$ (v) $\frac{m}{2} = \frac{5}{3}$ (vi) $30n = -5$
32. Give the steps you will use to separate the variable and then solve the equation.
 (i) $6x + 2 = 11$ (ii) $5y - 7 = 3$ (iii) $\frac{10p}{3} = 20$