H O L I D A Y   H O M E W O R K   CLASS – VI   2021 – 22

A. SCIENCE

(a) Draw a chart on diseases/disorders caused by deficiency of different vitamins and minerals in the body.

(b) Prepare a diet chart to provide balanced diet to a 10 to 12 years old child. The diet should include food items which are not expensive and are commonly available in your area.

(c) Make a menu of your breakfast, lunch and dinner from your list of favourite dishes.

(d) Take an unopened pack of juice or jam or cornflakes or any other food item with a food label. Read the label carefully. Then, in your notebook, write how many grams of carbohydrates, proteins, fats, vitamins and minerals the food item contains. Does the food item have all the nutrients that our body needs?

(e) Write a short note about the importance of food nutrition to our body.

B. SOCIAL SCIENCE

(a) Do revise and learn all the chapter covered so far.

(b) Complete all the work sheets provided.

(c) Draw a diagram of Solar System on a chart paper.

(d) Write about Satellite (2-3 pages) and also paste some pictures of Satellite.

(e) Make a drawing on a chart paper to show figure (2.1, 2.2, 2.3, 2.4a and 2.4b, 2.5 and 2.6) from chapter two of Geography.

(f) Define the keywords

Full Moon	Celestial Bodies	Constellations	Pole Star	Geoid
Asteroids	Meteoroids	Equator	Latitudes	Longitudes
Prime Meridian	IST	GMT		

(g) Practice the map given at page no. 2 chapter 1 of History.

(h) Write down about inscription and manuscripts with the help of pictures. (2-3 pages)

(i) Write about river Ganga (2-3 pages) and also paste some pictures of Ganga River.

(j) Write an essay on the life of The King Ashoka.

(k) Write any 15 important dates of history with timeline and events.

(l) Define the key words. (chapter 1 History.)

Archaeology	Travelling	Historian
Source	Decipherment	B.C and A.D

C. ENGLISH

1. Write the description of the place where you will live during summer vacation. (200 words)

2. Read the following stories and choose five nouns, five pronouns and five adjectives from any two of the stories-
   i. The Wise Man
   ii. The Foolish Donkey
   iii. The Greedy Lion

    iv.   Two Friends and the Bear

    v.   The Lion and the Poor Slave

3. Read any book and fill in the columns of the book report given below-

FORMAT OF BOOK REPORT

(i) Title:………………………………………….

(ii) Author…………………………………………

(iii) This story was …………………………… (easy, just right, hard)

(iv) Number of Pages: ……………………….

(v) Describe what happened in the beginning of the story.

(vi) Describe what happened in the middle of the story.

(vii) Describe what happened in the end of the story.

(viii) Did you like the book? Tell why/why not?

(ix) What was the best part of the story?

(x) Who were the main characters?

(xi) Write a short review of the book.

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4. Compose a poem on your own on the theme-

    (a) Friendship

    (b) Nature

    (c) Family

Note:

. Do the assignment in plain/design two lines A4 sheets.

. Take the help of dictionary for word meaning.

. Do the questions in sequence.

. Take help of online library, written / video material.

D. SANSKRIT, SHASTRA & VED

१- अपने परिवार के दस सदस्यों के नाम संस्कृत में लिखकर उनके वर्ण-विच्छेद करके लिखें|

२- अकारांत पुल्लिंग़ , आकारान्त स्त्रीलिंग़, अकारान्त नपुंसकलिंग से प्रत्येक के दो-दो शब्दरूप लिखिए |

३- पारिवारिक यज्ञ और पारिवारिक योगप्रशिक्षण देकर उसके फोटो लेकर एक A4 sheet पर चिपकाकर उसका विवरण लिखें |

४- अपनी रसोई में उपलब्ध खाद्य सामग्री के पात्रों (डिब्बों) पर उनके नाम संस्कृत में लिखकर तथा उनके साथ अपनी फोटो खीचकर A4 sheet पर चिपकाकर लायें |

(एतत् सर्वं कार्यं पृथक् टिप्पणी-पुस्तिकायां सम्यक् सुसज्य लिखित्वा आनयन्तु)

E. HINDI

१. चन्द्रमा पर आठ पंक्तियों की स्वरचित कविता लिखिए ।

२. घर के किसी भी बड़े सदस्य से सुनी हुई किसी कहानी का चित्रमय वर्णन लगभग १०० शब्दों में कीजिए ।

३. १०-१० पर्यायवाची❀ विलोम, श्रुतिसम भिन्नार्थक, अनेकार्थक व अनेक शब्दों के लिए एक शब्द लिखिए ।

४. रामायण के निम्नलिखित पात्रों में से किसी एक पात्र का सचित्र वर्णन लगभग १०० शब्दों में कीजिये -

भरत, हनुमान, परशुराम, मंथरा, जटायु ।

५. अपने जीवन की सबसे सुखद यात्रा के बारे में एक अनुच्छेद लिखिए ।

F. MATHEMATICS

Q1. Fill in the blanks:

· If the product of two whole numbers id zero then _____ of them will be zero.

· Every natural number except _____ has a predecessor.

· If we add the number _____ to the collection of natural numbers, we get the collection of whole numbers

· Place value of 7 in '3627992' is _____.

· Expanded form of 3920671 is _____.

· Number name of 63728729 in Indian system of numeration is _____.

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· Number name of 782678926 in International system of numeration is _____.

· _____ is the smallest whole number.

· Whole numbers are closed under _____ and _____.

· Division by _____ is not defined.

· If we add _____ to a number, we get its successor.

· 786 when estimated to the nearest tens is _____ and when estimated to the nearest hundreds is _____.

Q2. Medicine is packed in boxes, each weighing 5kg 600g. How many such boxes can be loaded in a van which cannot carry beyond 260kg?

Q3. A student multiplied 1234 by 67 instead of multiplying by 76. By how much was his answer lesser than the correct answer.

Q4. Sunny is a famous cricket player. He has so far scored 8932 runs in test matches. He wishes to complete 10,000 runs. How many more runs does he need?

Q5. Starting from the smallest 9 digits number, write the next five numbers in the ascending order.

Q6. Write the predecessor for the following numbers:

· 72731731

· 3932802201

Q7. Write the successor for the following numbers:

(a) 32891210

(b) 98752122

Q8. Write the following in roman numerals:

(a) 329

(b) 98

(c) 121

Q9. Write the following in Hindu - Arabic system of numeration:

(a) CCCXL

(b) LXXXVI

(c) CDXLVI

(d) XCIX

Q10. The canteen charge Rs. 50 for lunch and Rs. 20 for milk for each day. How much money do you spend in 4 days on these things?

Q11. Simplify by using suitable properties (also state them):

(a) 71 x 56 + 29 x 56

(b) 135 x 52 + 135 x 48

(c) 16825 x 16825 – 16825 x 6285

(d) 569 x 17 + 569 x 13 + 569 x 70

Q12. If the product of two whole numbers is 1, can we say that one or both of them will be 1? Justify through examples.

Q13. Simplify by using suitable rearrangement:

(a) 4 x 927 x 25

(b) 250 x 60 x 50 x 8

Q14. If you are on a diet and have a breakfast containing 150 calories, a lunch consisting of 350 calories, and a dinner consisting of 1000 calories,
then find the sum of the calories consumed that day.

Q15. At a certain school each classroom contains 32 students. How many classrooms will you need for 384 students?

Q16. You are traveling at a constant speed of 55 miles per hour. How long will it take to travel 220 miles?

Q17. The difference between two numbers is 9378263. If the smaller number is 527718, find the greater number.

Q18. The mass of a cylinder filled with gas is 30kg 250g and the mass of the empty cylinder is 14kg 480g. How much is the mass of the gas contained in it?

Q19. Write the expression for each of the following using brackets:

(a) Six multiplied by the difference of nineteen and two

(b) Forty-nine divided by seven times the sum of one and three

Q20. Write two situations for the following where brackets would be necessary:

(a) 8(16-4)

(b) (2+4) (14 – 2)

Q21. Give two examples where the number of things counted would be more than 6-digit number.

Q22. You have the following digits 6,2,3,5,9 and 1. Using them make five numbers each with 6 digits

(a) put commas for easy reading

(b) arrange them in ascending order

Q23. Name five large cities in India. Find their population. Also, find the distance in kilometers between each pair of cities.

Q24. Estimate the following according to the general rule:

(a) 5783 - 437

(b) 3782 + 8279

(c) 738 x 323

Q25. Write first five multiples of 72.

Q26. Write all the prime numbers less than 32.

Q27. Express 44 as he sum of two odd primes.

Q28. Write seven consecutive composite numbers less than 100 so that there is no prime number between them.

Q29. Write all the factors of 78.

Q30. Write five pairs of prime numbers less than 25 whose sum is divisible by 3.

PROJECT WORK:(Attempt any three)

1. Make a photo frame on "RAMANUJAN - The Great Mathematician". You need to make a picture of Ramanujan and write the important contributions of him (in not more than 50 words).
2. Make a Rangoli design with the help of different geometrical shapes you know (2D only).

3. Make different polygons using matchsticks and name them.
4. Fraction tree using colorful papers .
5. Naming the angles made by the clock during the day.

Brain Exercise

1. From a basket of mangoes when counted in twos there was one extra, counted in threes there were two extra, counted in fours there were three extra, counted in fives there were four extra, counted in sixes there were five extra. But counted in sevens there were no extra. Atleast how many mangoes were there in the basket?

2. A boy was asked to find the LCM of 3, 5, 12 and another number. But while calculating, he wrote 21 instead of 12 and yet came with the correct answer. What could be the fourth number?

3. There were five pieces of cloth of lengths 15 m, 21 m, 36 m, 42 m, 48 m. But all of them could be measured in whole units of a measuring rod. What could be the largest length of the rod?

4. There are three cans. One of them holds exactly 10 litres of milk and is full. The other two cans can hold 7 litres and 3 litres respectively. There is no graduation mark on the cans. A customer asks for 5 litres of milk. How would you give him the amount he ask? He would not be satisfied by eye estimates.

5. Which two digit numbers when added to 27 get reversed?

6. Cement mortar was being prepared by mixing cement to sand in the ratio of 1:6 by volume. In a cement mortar of 42 units of volume, how much more cement needs to be added to enrich the mortar to the ratio 2:9?

7. In a solution of common salt in water, the ratio of salt to water was 30:70 as per weight. If we evaporate 100 grams of water from one kilogram of this solution, what will be the ratio of the salt to water by weight?

8. Half a swarm of bees went to collect honey from a mustard field. Three fourth of the rest went to a rose garden. The rest ten were still undecided. How many bees were there in all?

9. You have been given two cans with capacities 9 and 5 litres respectively. There is no graduation marks on the cans nor is eye estimation possible. How can you collect 3 litres of water from a tap? (You are allowed to pour out water from the can). If the cans had capacities 8 and 6 litres respectively, could you collect 5 litres?

10. The area of the east wall of an auditorium is 108 sq m, the area of the north wall is 135 sq m and the area of the floor is 180 sq m. Find the height of the auditorium.