Summer Vacation Homework (Class VI)

ENGLISH

1. What did Patrick think his cat was playing with? What was it really?

2. Why did the little man grant Patrick a wish?

3. What was Patrick's wish?

4. In what subjects did the little man need help doing Patrick's homework?

5. How did Patrick help him?

6. Why was the dog ready to surrender his freedom?

7. How has the man become the final master of the dog?

8. Why did he serve the Lion for a long time?

9. Who did he finally choose as his master and why?

10. What kind of relationship do humans and dogs have?

11. Which trait of the dog can be adaptable and impressed you the most?

12. How did the two baby birds get separated?

13. How did different companies affect the character and behavior of the two birds?

14. Narrate the tale of two birds in your own words.

15. How did the king reach Rishi's ashram? Why did the two birds behave with the king differently?

Mathematics

1. Using commas write the following numbers in the Indian system of numeration a. 1458789
   b. 9027965
   c. 45732901
   d. 954985623

2. Write the place value (as required) according to the Indian system of numeration:
   a. 4589620 – Place value of 9 -_____
   b. 4985620 – Place value of 4 -_____
   c. 9584620 – Place value of 2 -_____
   d. 12900018 – Place value of 9 -_____
   e. 14586209 – Place value of 5 -_____

3. What is the place value and face value of 5 in 4500912

4. Write greatest 4-digit number by using 9, 6, 1, 0 without repetition.

5. Write smallest 7-digit number by using 9, 6, 4, 3, 8, 0 using any one digit twice.

6. Arrange in descending order: 7894510, 98532055, 9875620, 10045981

7. The difference between two numbers is 4560. If smaller number is 15060, then find the greater number.

8. Find two numbers whose sum is 4806 and the difference is 1050.

9. If weight of one box is 2 kg 450g, then calculate the combined weight of 102 such boxes?

10. In one state, the number of bicycles sold in the year 2002-2003 was 7,43,000. In the year 2003- 2004, the number of bicycles sold was 8,00,100. In which year were more bicycles sold? And how many more?

11. The town newspaper is published every day. One copy has 12 pages. Everyday 11,980 copies are printed. How many total pages are printed everyday? How many total pages are printed in May 2022?

12. A machine, on an average, manufactures 2,825 screws a day. How many screws did it produce in the month of February 2023?

13. To stitch a shirt, 2 m 20 cm cloth is needed. Out of 30 m cloth, how many shirts can be stitched and how much cloth will remain?

HINDI (हिन्दी)

1.संज्ञा क्या है.?
2.कविता की भाव को लिखों.?
3. दो वरदान विषय पर विस्तृत वर्णन क्यों.?
4. "राष्ट्रीय एकता एवं अखंडता भारत "के वार में पत्र लिखों.?
5. विदेश में हिन्दी भाषा के महत्व क्या हैं.?

संस्कृतम् (SANSKRIT)

1.वर्णमाला कतिविधं .?केचते.?
२. क्रिया लिखतु.?(
३.शब्द रूपं:-बालकः , लता शब्दः, फलम् शब्दः
४.धातुरूपः:- भू धातोः, गम् धातोः
५. 2 श्लोक कण्ठस्थी कुरूत.?
1.आलस्यं हि मनुष्याणां शरीरस्थो महान् रिपुः।
नास्त्युद्यमसमो बन्धुः कृत्वा यं नावसीदति।।
अर्थ – व्यक्ति का सबसे बड़ा दुश्मन आलस्य होता है, व्यक्ति का परिश्रम ही उसका सच्चा मित्र होता है। क्योंकि जब भी मनुष्य परिश्रम करता है तो वह दुखी नहीं होता है और हमेशा खुश ही रहता है।
2.वाणी रसवती यस्य,यस्य श्रमवती क्रिया।
लक्ष्मी : दानवती यस्य,सफलं तस्य जीवितं।।
अर्थ – जिस मनुष्य की वाणी मीठी हो, जिसका काम परिश्रम से भरा हो, जिसका धन दान करने में प्रयुक्त हो, उसका जीवन सफ़ल है।

Subject – SST

1. Write questions and answers to the history chapter- 1(What, Where, How and When)

2. Write the difference between Stars and Planets.

3. Write short notes on:

 (a) Constellation (b) Galaxy (c)Asteroids (d) Meteoroids

4. How did Samir Ek and Samir Do were different from each other? Explain it.

5. Write questions and answers of the civics chapter- 1(Understanding Diversity)

6. What do you mean by Inequality?

7. Draw an outlet map of India and locate the following:

(i) Bhimbetaka Caves

(ii) Ajanta Caves

(iii) Kurnool Caves

Sub- SCIENCE

1. What are Nutrients?
2. Define deficiency diseases.
3. What are the symptoms of deficiency of carbohydrates,
4. Name two deficiency diseases caused due to protein?
5. What is dehydration?
6. Define a balanced diet.
7. Name the food rich in carbohydrates.
8. Name the food rich in proteins.
9. Name the food rich in fats.
10. Name any three vitamins, their sources, and deficiency diseases caused by them.

Subject: Computer

1. a. Who invented all the parts the modern computer uses? And when?
   b. Which generation of computer did programming using machine language?

   c. What was used to replace Vacuum in Second Generation?

   d. In which generation, Operating system and other application software was used?

   e. In Fourth Generation, The computation speed increased to?

2. Name any three devices that use transistors and ICs.
3. Write two differences between third and fourth generation computers.
4. Collect pictures of super computer, Mainframe computer, Mini computer, micro computer and paste picture.
5. Collect picture of different brand of computer.
6. Make a pamphlet or a collage on the following topics according to your roll numbers:

   Roll no.   Topic

   1-10   Latest Memory Devices

   11-20   Latest Output Devices

   21-30   Latest Input Devices

   31-40   Types of printer

   41 onwards   Latest Hardware

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ENGLISH

1) Why did the king want to know the answers to three questions?

2) Why was the king advised to go to magicians?

3) In answer to the second question, whose advice did the people say would be important to the king?

4) What suggestions were made in answer to the third question?

5) Did the wise men win the reward? If not, why not?

6) How did the king and the hermit help the wounded man?

7) What were the hermit's answers to the three questions? Write each answer separately. Which answer do you like most, and why?

संस्कृतम् (SANSKRIT)

1.शब्दरुपः

 बालकः. लता , . फलम्, अस्मद्, युष्मद् ,एतद्, तद्

2.धातुरूप:-

 भू धातोः ,कृ धातोः, हस् धातोः, पठ् धातोः

 3.सन्धिं विच्छदं कुरूत.?

 विद्यालयः=...........

 कार्यालये=.........

 चापि=..........

 कचित्=............

 शौचालय=...........

4. Write sloks with meaning of chapter

श्लोकस्य आधारेण तस्य भावं अपि लिखितम्.?

5. श्लोक कण्ठस्थी कुरूत?

HINDI (हिन्दी)

1.महाभारत के प्रश्रों उत्तर लिखो.?

2. पहले विषय में अति लघु प्रश्रोंत्तर लिखो.?

3. अव्यय शब्द लिखो.?

4. "राष्ट्रीय एकता और अखंडता " एक पत्र लिखों.?

5. सर्वनाम और क्रिया वीच में अन्तर क्या है.?

Sub- Mathematics

1) Which is greater: 125 + (-20) or 132 + (-8).
2) Find the product of :
   a) 52 x(-1)
   b) (-13) x 0 x 1
   c) (-3) x (-6)
   d) (-2) x (-3) x (-4)
3) A shopkeeper had a profit of Rs. 9070 on Monday, a loss of Rs.1002 on Tuesday and loss of Rs.2575 on Wednesday. Find his net profit or loss in 3 days.
4) Complete the following patterns:
   a) -51 , -46 , -41 , ... , ... , ...
   b) -80 , -40 , 0 , ... , ... ,.......
   c) -20 , -16 , -12 , ... , ... ,..........
   d) -3 , 0 , 3 , ... , ... , ...
5) Verify a – (-b) = a + b for the following values:
   a) a = 21 , b=18
   b) a= 75, b=84
   c) a=28, b= 11
   d) a=118 , b=125
6) Verify associatively property for the addition of integers:
   a) a= -5, b= 9, c=5
   b) a= -13, b=9, c=3
   c) a= 12, b=-4, c=2
   d) a = 0, b=-2, c=3
7) Sum of two integers is –80. If one of the integers is –90, then find the other.
8) Arrange the following integers in the descending order : –3, 0, –1, –4, –3, –6
9) Write two integers whose sum is 10 and difference is also 10.
10)   Sum of two integers is –80. If one of the integers is –90, then find the other.
11)   Verify (–30) × [13 + (–3)] = [(–30) × 13] + [(–30) × (–3)]
12)   Find each of the following products:

(i) (–18) × (–10) × 9   (ii) (–20) × (–2) × (–5) × 7   (iii) (–1) × (–5) × (– 4) × (–6)

Sub- SCIENCE

1. Draw a picture and mention the role of chlorophyll in photosynthesis.
2. Give a brief description of the process of synthesis of food in green plants.
3. What will happen to life on earth in the absence of photosynthesis?
4. What is symbiotic relationship? Explain the symbiotic relationship in lichens. Collect some photos of animals who show a symbiotic relationship.
5. Prepare a project on digestive system of human being.
6. Write the functions of different types of teeth in human beings.
7. 'A' got her gall bladder removed surgically as she was diagnosed with stones in her gall bladder. After the surgery, she faced problems in digestion of certain food items when consumed in bulk. Can you tell which kind of food items would they be and why?
8. Little Rishi (student of class VI) was watching his favourite cartoon serial on television. Suddenly he got hiccups. His elder brother Shubham who was sitting nearby him gave him a glass of water and suggested not to eat too fast in a hurry. Little Rishi got confused as he had heard that 'hichki' comes when someone remembers. He asked his father. His father smiled and explained him that it is only a myth. He also explained him the proper scientific reason behind it. (a) What is hiccup? (b) Why do we get hiccup? (c) What are the values shown by Rishi? [Value Based Question]
9. Define oral rehydration solution and when it is given to the patient? How can you prepare ORS at home?
10. Read the upcoming lessons.

THANK YOU…

SST HOMEWORK - VII
ALL WORK HAS TO BE DONE IN GEOGRAPHY NOTEBOOK

(1) Who was considered a "foreigner" in the past?

(2) In what ways has the meaning of the term "Hindustan" changed over the centuries?

(3)   How many layers of earth are there?

(4)   How many types of rocks are there? Write in detail with examples.

(5)   Which are the major components of the environment?

(6)   What is an ecosystem?

(7)   What is biosphere?

(8)   Define universal adult franchise?

Subject: COMPUTER

A. Convert decimal number into binary number.

- 52
- 44
- 25
- 62

B. Convert decimal number into octal number.
- 911
- 540
- 61

C. Convert decimal number into hexadecimal number.
- 132
- 3619
- 206

D. Convert binary number into decimal number.
- 10011
- 111101
- 101010

E. Convert octal number into decimal number.
- 75
- 321
- 142

F. Convert hexadecimal number into decimal number.
- A2
- 13B
- 271

1. Write the full forms of the followings: - MOUSE, GPRS, GPS, SATA, CPU, VIRUS, BASIC, FDD and HDD.
2. Write any 10 Educational websites with their domain name.
3. Make a list of Internet devices with photos.
4. What are Cyber security and its threats?
5. Write and explain about types of hackers.
6. What is social media? Write how can we connect with social media?

ENGLISH

1. Describe the condition of roll–top box.

2. From where the author found the roll-top box? What was there inside the tin box?

3. What did Hans &Jim talk about when they were sharing rum & sausage?

4. Why the letter was so special?

5. Write the character sketch of Mrs. Macpherson.

6. What did Mrs. Macpherson think about visitors?

7. What did the author find in a junkshop?

8. Why was the letter written?

9. What was the wonderful thing that had happened?

10. Do you think Jim Macpherson came back from the war? How do you know this?

11. Which sentence in the text shows that the visitor did not try to hide his identity?

12. Why do Jim and Hans think games or sports are good ways to resolve conflicts? Do you agree?

13. Write a paragraph on

    1) Importance of Homework.
    2) Importance of Trees
    3) My pet

    4) The subject I liked the most

HINDI (हिन्दी)

1.भारत के खोज ' इसका मतलब क्या है.?

२. संझा ओर सर्वनाम क्या है.?५ उदाहरण दीजिए.?

३. २२ प्रमुख भाषा का नाम लिखों.? उसके वार में विस्तृत विवरण दीजिए.?

४. विदेश में हिन्दी भाषा का महत्व क्या हैं.?

५ .अतीत के दवाव आशय क्या है.?

संस्कृतम् (SANSKRIT)

1. शब्दः रूपं

अस्मद् शब्दः

युष्मद् शब्दः

तद् शब्दः

एतद् शब्दः

बालकः शब्दः

लता शब्दः

फलम् शब्दः

2. धातुरूपः

पठ् धातोः

भू धातोः

गम् धातोः

कृ धातोः

हस् धातोः

3. सुभाषितम्ः – श्लोकाः कण्ठस्थी कुरूत.?

Sub- Mathematics

1) Write.
   a. The rational number that does not have a reciprocal.
   b. The rational numbers that are equal to their reciprocals.
2) Find three rational numbers between 4 and 5.
3) What number should be added to ¾   so that we get the rational number 5/ 6 ?
4) Solve: x – 2 = 7
5) Solve: 7x – 9 = 12
6) Solve: 5x – 7 = 2x + 8

7) Solve: 8x + 3 = 27
8) The sum of three consecutive multiples of 11 is 363. Find these multiples.
9) Solve: $5t - 3 = 3t - 5$
10) The perimeter of a rectangular swimming pool is 154 m. Its length is 2 m more than twice its breadth. What are the length and the breadth of the pool?
11) Sum of two numbers is 95. If one exceeds the other by 15, find the numbers.
12) Two numbers are in the ratio 5:3. If they differ by 18, what are the

numbers?

13) Ratio of three angles of a triangle is 1 : 2 : 3. Find the angles.

14) If $3(x + 4) = x + 38$ find x.

....

Sub- Science

Q1. Why are dried neem leaves used for storing foodgrains?

Q2. Name the various methods used for irrigating crops.

Q3. How does crop rotation help in maintaining the fertilityof soil?

Q4. Why do farmers use manures and fertilizers in their fields?

Q5. Distinguish between the Kharif crop and the Rabi crop withexample.

Q6. Why is weeding necessary? How do farmers remove weeds?

Q7. How to separate damaged seeds from healthy seeds?

Q8. Why is Manure better than Fertilizers?

Q9. Why do we loosen or turn the soil?

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Summer Break Homework (Class VIII)

SST

HISTORY

CHAPTER: How, When, and Where

1. Why do we call history our Past?

2. Why do we divide history into periods?

3. What did James Mill think about Asian Societies?

CIVICS

CHAPTER: The Indian Constitution.

1. Why does a democratic country need a Constitution?

2. What are the silent features of the Indian Constitution?

3. Why the constitution of India is different from the constitution of other countries?

4. What are the fundamental rights? Explain in detail.

GEOGRAPHY

CHAPTER: Resources

1. What do you mean by Resource?

2. Explain the term *utility* and *Value* of the resources

HOLIDAY HOMEWORK, Subject: COMPUTER

1. Draw the following flowcharts

   a. Accepts the age of a person, display, the message eligible to vote. If age is equal to or greater than 18 , otherwise display the message 'Not eligible.

   b. Input a name. If name is Kabir, then accept marks. If marks are >=85 then display good performance else display "pass".

   c. Accept a year in four digits. Display the message 'leap year ' if the entered years has 366 days, otherwise display the message 'Not a leap year".

   d. Accept a number and check:

      (I) whether the number is divisible by 2 and 5.

      (II) whether the number is divisible by 2 but not by 5.

      (III) whether the number is divisible by 5 but not by 2.
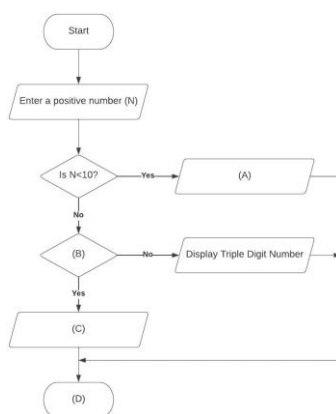
      Display the message accordingly.

2. Find out the name of various Memory storage devices Name with photographs (8-12) in sticker size and paste in your computer copy. Write the name of that storage device, types of storage (primary /secondary) and storage capacity .

3. Model on Logic diagram of computer.

4. What is an algorithm? What are its characteristics?

5. Write an algorithm to make a coffee.

6. Anuj, a class 8 student, has designed the following flowchart to input a positive number and check and display whether the number is a single digit number, a double-digit number or a triple digit number. To assess his brother who is in class 7, he hides four statements in the flowchart.

Based on the above case and the given flowchart, answer the following questions:

(a) Which of the following statements will be filled in place of (A)?

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