Delhi Public School
JHANSI

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Dear Parents,

Summer holidays will start from 8th April,22. The school will re-open on 1st July,22.
Given below is the holiday homework –

COMPUTER :

1. Make a chart on Binary numbers.
2. Type using MS Word about the importance of Internet, print and submit.

SCIENCE :

1. What is the total number of teeth in an adult human?
   In an adult human, there are total 32 teeth.
   Name the parts of the alimentary canal where
   (a) water gets absorbed from undigested food
   (b) digested food gets absorbed
   (c) taste of the food is perceived
   (d) bile juice is produced [NCERT Exemplar]
2. Identify the location of salivary gland.
3. You were blindfolded and asked to identify the drinks provided in two different glasses. You could identify drink A as lime juice and B as bitter gourd juice. How could you do it inspite of being blindfolded?
4. We should not eat hurriedly. Give reason.
5. Name the secretions of stomach which digest food.
6. Explain the role of mucus secreted by stomach.
7. The long structure of small intestine is accommodated in small space within our body. Comment. [HOTS]
8. Suggest the organ of digestive system where the digestive juices from liver and pancreas is poured.
9. From which organ of digestive system, the undigested faecal matter is removed?
   Mention the position of the rumen in ruminants.
10. What is assimilation?
11. Describe alimentary canal briefly.
12. Name the simple forms of carbohydrates, fats and proteins.
13. Write the shape of stomach.
14. Discuss the role of hydrochloric acid secreted by gastric glands.

   Short Answer Type

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15. With the help of labelled diagram show the gradual decay of tooth.

16. Name the various components of food and their simpler forms.
    Answer: The various components of food and their simpler forms are

17. 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?
    Discuss the various associated glands of digestive system and their role in digestion.
    Boojho took some grains of boiled rice in test tube 'A' and Paheli took boiled and chewed rice in test tube 'S'. Both of them poured 1-2 drops of iodine solution into the test tube and observed the colour change. What colour change would they have observed? Give reasons for your
    Mention the different steps of nutrition in animals.
    List the preventive measures that one should adopt for avoiding tooth decay.
    Complete the following table, from the options given below:
    (Scraping, chewing, siphoning, capturing and swallowing, sponging, sucking, etc.)

Name of animal	Kind of animal	Mode of feeding
Snail		
Ant		
Eagle		
Humming bird		
Lice		
Mosquito		
Butterfly		
Housefly		

18. Briefly describe the mechanism of producing hiccups while we take food in hurry.

19. Boojho and Paheli were eating their food hurr

ENGLISH :

1. Make an interesting Christmas comic story on a chart paper. Give an interesting storyline.
2. Look at the picture , give a suitable title and write a poem on it.

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3. Read one English article daily and write at least 5 new words which you come across with their meaning.

S.S.T :

Geography part -
Imagine an ideal environment where would love to live. Draw the picture of your ideal environment.

History -
You are a Historian. Choose one of the themes mentioned in this chapter (chapter 1),such as economic, social or political history and discuss why you think it would be interesting to find out the history of that theme.

HINDI :
(i)   पाठ 11 रहीम के दोहे चार्ट पेपर पर लिखिए|
(ii) रफ कॉपी पर प्रतिदिन की एक पेज हिंदी की सुलेख (Writing) लिखें|
(iii) कक्षा में कराया गया कार्य याद करें|
(iv) महादेवी वर्मा की दो कविताएं कंठस्थ कर चार्ट पेपर से लिखिए

SANSKRIT :
(i) कोई भी पांच श्लोक संस्कृत में अर्थ सहित चार्ट पेपर पर लिखिए।
(ii)नदी एवं पिता शब्द रूप संस्कृत कापी में लिखिए।

MATHS :
1. Find the value of:

(i) $1487 \times 327 + (-487) \times 327$

(ii) $28945 \times 99 - (-28945)$

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2. Divide:

      (i)   17654 by -17654

      (ii)   (-729) by (-27)

      (iii)   21590 by -10

      (iv)   0 by -135

3. Find the products:
   (i) 2.4×100
   (ii) 0.24×1000
   (iii) 0.024×10000

4. Arnav spends $1\frac{3}{4}$ hours in studies, $2\frac{1}{2}$ hours in playing cricket. How much time did he spend in all?

5. A square paper sheet has $10\frac{2}{5}$ cm long side. Find its perimeter and area.

6. The product of two numbers is 2.0016. If one of them is 0.72, find the other number.

7. $\frac{1}{8}$ of a number equals $\frac{2}{5} \div \frac{1}{20}$. What is the number?

8. Simplify each of the following:

   (i) $3 - (5 - 6 \div 3)$

   (ii) $-25 + 14 \div (5 - 3)$

   (iii) $45 - [38 - \{60 \div 3 - (6 - 9 \div 3) \div 3\}]$

9. Write down a pair of integers whose
   (i) Sum is -4
   (ii) Difference is -6

10. Determine the integer whose product with (-1) is
    (i) -26
    (ii) 26
    (iii) 0

11. Write a pair of negative integers whose difference gives 6.

12. Write down a pair of integers whose
    (i) Sum is -4
    (ii) Difference is -6