

St. John's High School

HOLIDAY HOMEWORK (CLASS VI)

ENGLISH

- ❖ Boys to read an article in the newspaper. Pick two new words and write them in the English Notebook. Find their meanings and make sentences (for 10 days – total words 20).

HINDI

- ❖ सुन्दर और स्पष्ट लेख में 80 से 100 शब्दों में अनुच्छेद लिखो।
आदर्श विद्यार्थी, सच्चा मित्र

SOCIAL STUDIES

- ❖ Draw all 8 planets individually and write in detail about their size, colour, distance from the sun, temperature, rings and satellites.
- ❖ Project should be colourful and neat in a scrap file. Presentation will be marked.

SCIENCE

- ❖ Make a list (with pictures) of 10 food items generally taken by people of different regions of India. Place these on a outline map of India (A3 size).
- ❖ Make a habitat album with pictures of animals and plants belonging to different habitats. Draw the leaf shapes and structures for trees found in these regions and include in the album.
- ❖ Trace your foot on a sheet and using the concept of "How to measure the curved line"? Measure the circumference of your foot in cm.
(Work to be done on loose A4 size sheets).

To be written in the Science Notebooks

1. Explain the various sources of food.
2. Which type of seeds give more energy – sprouted or normal seeds? Why?
3. Name any three milk giving animals and three milk products.
4. Name five different parts of a plant that are eaten. Give examples of each.
5. Give differences between herbivores, carnivores and omnivorous.
6. What happen when:-
 - (a) two or more drops of iodine solution fall on starch substance?
 - (b) when we rub a food item containing fat on a piece of white paper?
7. How can you test the presence of proteins in a given food item?
8. Name the diseases caused due to lack of Iodine, Protein, Vitamin A, B, C & D, Calcium & Iron. What are such diseases called?
9. Write the functions of:-
 - (a) roughage in our diet
 - (b) water in our diet
10. Write the adaptive features of:-
 - (a) trees in mountain regions
 - (b) cactus in deserts
 - (c) plants in water
11. Explain the characteristics of living organisms (at least 5)
12. Write differences between:-
 - (a) adaptation and acclimatization
 - (b) adaptative features of fish and dolphin.
13. Why do we need standard unit of measurement?
14. Give two examples of each:-
 - (a) Rectilinear motion
 - (b) Periodic motion
 - (c) Circular motion
 - (d) Random motion

15. Convert:
 - (a) 1.65m into cm
 - (b) 46 cm into mm
 - (c) 39 Km into m
16. Mention two functions of water for living organisms.
17. Suggest three measures to conserve water.
18. What is rainwater harvesting? Describe the method of rainwater harvesting.
19. Give a difference between evaporation and condensation.
20. Draw a diagram to show the water cycle in nature.

PUNJABI

- ❖ Write ਓ - ਝ (twenty times).
- ❖ Learn five lines on the topic 'Myself' to prepare for speaking skill in Punjabi.

MATHEMATICS

❖ Chapter 2: Whole numbers

1. State which property the following represent:-

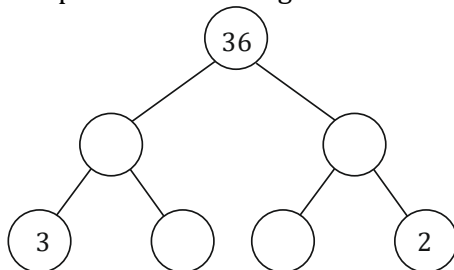
(a) $50 + (28 + 140) = (50 + 28) + 140$	(b) $a \times b = b \times a$
(c) $25 + 0 = 25 = 0 + 25$	(d) $23 \times 1 = 1 \times 23$
(e) $6 \times (2 + 7) = (6 \times 2) + (6 \times 7)$	
2. Missing distributive property, solve following:-

(a) $20 \times 7 + 12 \times 7$	(b) 103×72
(c) $738 \times 158 - 738 \times 58$	(d) $1003 \times 101 - 1003$
3. Find by suitable rearrangement:

(a) $839 + 208 + 361$	(b) $1968 + 454$
(c) $2 \times 127 \times 50$	(d) $12 \times 50 \times 8$
(e) $625 \times 279 \times 16$	
4. The Hotel charges Rs. 120/- for Thali and Rs. 300/- for Executive Thali. How much money do you spend in if you ordered 5 each?
5.
 - (a) Write predecessor of 10000
 - (b) Write successor of 2345670
 - (c) What is smallest whole number?

Chapter 3: Playing with Numbers

6. Complete the following:-



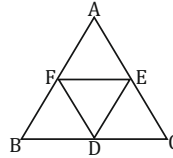
7. Express 732 as product of prime factors.
8. Three buckets can hold 250l, 175l and 500l of water respectively. Find the capacity of the largest bucket that can be filled an exact number of times using each bucket.
9. Rajat purchased oranges to distribute among his friends. If he gave 15, 20 or 25 oranges to each of his friends, he would be left with no oranges. What is the least number of oranges he purchased?

10. Using divisibility test determine 31795072 is divisible:
 (a) by 2 (b) by 3 (c) by 4 (d) by 6
 (e) by 8 (f) by 9 (g) by 11

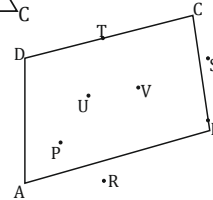
Chapter 4: Basic Geometrical Ideas

11. Give one example to illustrate following from daily life:
 (a) plane surface (b) curved surface
 (c) linear boundary (d) curved boundary

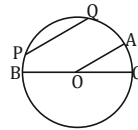
12. In the figure, find the:
 (a) no of triangles and name them
 (b) triangles with vertex E
 (c) opposite side to vertex D



13. Write points which lie
 (a) in interior of Quad. ABCD
 (b) in exterior of Quad. ABCD
 (c) on the boundary of Quad. ABCD



14. Name the following parts of the given circle:
 (a) radius (b) diameter
 (c) semi circle (d) minor arc
 (e) chord



15. Name all possible (12) ways, choosing only 2 letters at a time from the four given:



Chapter 12: Ratio and Proportion

16. Which of the following are in proportion?
 (a) 16, 4, 32, 8 (b) 16, 30, 24, 45
 (c) 18, 10, 9, 5 (d) 3, 4, 2, 6
17. A man earns Rs. 4900/- in one week. How much will he earn in 10 days?
18. Write following as ratios in their simplest form.
 (a) 4 min. to 48 sec. (b) 500 ml to 3 l
 (c) 32 to 144 (d) $\frac{1}{4}$ to $\frac{3}{4}$
19. In a school, there are 500 students. Out of these, 275 are boys and the rest are girls. Find the ratio of:
 (a) the boys to the total number of students
 (b) the girls to that of the boys
 (c) the girls to the total number of students
20. Rajesh drives his car at a constant speed of 12 Km per 10 minutes. How long will he take to cover 48 Km?

LIBRARY

- ❖ Designing of a Newspaper.

FRENCH

- ❖ Make a number Chart 1-10 with numbers and objects in class.