

D.A.V. PUBLIC SCHOOL, BISTUPUR, JAMSHEDPUR  
SUMMER HOLIDAY HOME WORK  
SESSION: 2018 - 19  
STD: VII

We wish that you enjoy your vacation with your Parents, family and friends. Try to utilize your time in such a way that you are able to sharpen your intellect as well as tone up your body by doing exercises .

**Read , Play, Enjoy.**

English:

1. Make a pictorial depiction of the poem, 'Birdie Will You Pet'.
2. Taking hints from the passage 'The Wonder of Grandparents' (Unit -2 Relationship, Reader) write an article on 'Importance of the role of grandparents' in 120-150 words.
3. Insert articles (a/an/the) in the blank spaces.  
Delhi,.....national capital, has.....population exceeding sixteen million. This is.....only city of its size in ...world which earlier depended mainly on buses as .....most popular means of mass transport. With.....view to reducing .....problems o Delhi's commuters and improving.....quality of transport,.....Govt. of India thought of introducing.....rail-based system. Thus,.....Metro Rail Project was launched in 1995.
4. Punctuate the following sentences.
  - a. the hindus regard the gita as one of their greatest books it is a discourse on the eve of war but it is more useful for teaching the art of living said she
  - b. he said dickenssdavidcopperfield is very popular among children modern children read only harry potter books said i
  - c. i feel veryill may i go home i dont think i can do any work today said somesh why did you come to school if you were not feeling well said the teacher in the morning i was all right maam said somesh
5. Fill in the blanks with suitable words.
  - a. The painting shows an .....standing..... a door.(angel, angle : beside, besides)
  - b. I cannot.....this job because they are offering a very low salary.(except, accept)
  - c. Can you.....an example in support of your argument? (cite, site)
  - d. Dozens of villages got flooded when the river changed its .....(coarse, course)
  - e. She could not give a good performance because she was suffering from a .....throat.(soar, sore)
  - f. If you.....your cellphone, you should immediately report it to the police.(lose, loose)
  - g. How do we define the .....of an angle? (compliment, complement)

NB: 1. Holiday homework has to be done in a separate copy (120 pages) and submit to the subject teacher on 19/06/2018.

2. Copy down the questions and then answer it.

Hindi:

1 पर्यावरण में पेड़ पौधों का महत्व बताते हुए पर्यावरण-सुरक्षा में महत्वपूर्ण योगदान देने वाले व्यक्तियों के व्यक्तित्व एवं उपलब्धियों पर आधारित एक आकर्षक परियोजना कार्य तैयार करें।

नोट – बाँधने वाले फाइल में बनाए।

2 निम्न तीनों विषय पर निबंध लिखे-

क- पुस्तकों की उपयोगिता

ख- कम्प्यूटर का महत्व

ग- जल ही जीवन है

3 दस उपसर्ग , दस प्रत्यय लिखकर दस उपसर्ग वाले और दस प्रत्यय वाले नए शब्द बनाइए।

### Maths:

1. Make chart on different types of triangles. (6 triangles)
2. Make flash cards on properties of rational numbers. (addition, subtraction, multiplication, division)
3. Represent any 5 integers and rational numbers on different number line. (In note book)
4. Practise chapter 1 and chapter 2 for weekly test.

### Physics:

1. Discuss why wearing more layers of clothing during winters keep us warmer than wearing just one thick piece of clothing.
2. In places of hot climate, it is advised that outer walls of houses be painted white. Explain.
3. Define temperature. Give its S.I. Unit and other units also. Give relationship between the other two units.
4. Which temperature reading has the same value on both Celsius and Fahrenheit scale. Show it by calculations.
5. What is normal human body temperature in  $^{\circ}\text{F}$ ? Convert it into  $^{\circ}\text{C}$ .
6. What is meant by thermal equilibrium?
7. Why can't heat pass in vacuum by means of conduction or convection?
8. Which property of liquids is used in making thermometers?
9. State similarities and difference between the laboratory thermometer and the clinical thermometer.
10. One liter of water at  $30^{\circ}\text{C}$  is mixed with one liter of water at  $50^{\circ}\text{C}$ . The temperature of the mixture will be:

a)  $80^{\circ}\text{C}$    b) More than  $50^{\circ}\text{C}$  but less than  $80^{\circ}\text{C}$    c)  $20^{\circ}\text{C}$    d) Between  $30^{\circ}\text{C}$  and  $50^{\circ}\text{C}$

### Chemistry:

1. Mention four example of each:-
  - a) Displacement reaction
  - b) Combination reaction
  - c) Decomposition reaction
  - d) Neutralisation reactionWrite name of reactant and product.
2. Write chemical formula of the following compounds
  - a) CALCIUM SULPHATE
  - b) AMMONIUM HYDROXIDE
  - c) SODIUM ACETATE
  - d) SILVER NITRATE
  - e) FERRIC CHLORIDE
  - f) HYDROGEN SULPHATE
  - g) CALCIUM HYDROXIDE
  - h) SODIUM CHLORIDE
  - i) AMMONIUM NITRATE
  - j) COPPER SULPHATE
3. What is the common name of sodium carbonate?
4. What atom causes acidity? What charge is found in it?
5. What is the difference between concentrated and dilute acid?
6. Name the acid contains in the following fruits and vegetables.
  - a) Tomato
  - b) Lemon
  - c) Pine apple
  - d) Apple
  - e) Grapes
  - f) Tamarind
  - g) Blue berry
7. Name the following:-
  - a) Two strong acid
  - b) Two weak acid
  - c) Two mineral acid
  - d) Two organic acid
  - e) Two strong base
  - f) Two weak base
  - g) Two salt

NOTE:- EVERYTHING WILL BE IN STICK FILE.

### BIOLOGY:

1. Revise all the chapters done till now.
2. Answer the following questions. (to be done in A4 sheet)
  - a) Can we survive only on raw, leafy vegetables. Discuss
  - b) Why do we get instant energy from glucose?

- c) A farmer planting rice for one season, planted groundnuts in the next season .Why?
  - d) Shalini segregates the waste at home and puts the biodegradable waste in a pot containing soil. She leaves it for 15 days and uses that soil for her plants in the garden. Why do you think she did so?
  - e) Raman's mother does not allow him to talk while eating. She also does not allow him to eat food while lying down. What could be the reason for it.
  - f) Show with the help of a sketch that the plants are the ultimate source of food.
3. Write a short story or instance depicting Symbiotic relationship.
  4. Make a Crossword puzzle on the topic 'Nutrition in Plants'. (for reference visit classhelper.org)
  5. The Science department is planning to start a Science Newsletter shortly . For making this happen bring Articles, Amazing facts, Riddles, Cross words, recent discoveries in the field of Science and technology.

**All work to be done in A4 sheets and assemble the same in order in a folder.**

History /Civics:

1. Visit a nearby railway station or market place and meet some more Paros and Sheikhos interact,take selfie with them and make areport based ontheir answers and your experience.
2. Collect pictures of the great monuments of North India make a file with information about their location, special characteristics ,modes of traveling to reach there.

Geography:

1. Prepare a coloured diagram showing different spheres of the environment.
2. Collect pictures and information of some endangered species of animals in India and make a report in a file.

Sanskrit:

- 1-शब्द रूप लिखें .....देव , फल, कवि मति ,वारि नदी , लता , मुनि ,पति सखि, अस्मद्, युस्मद् ,तत् तीनों लिंगों में ,एतत् तीनों लिंगों में।
- 2.धातु रूप पाँच लकारों में लिखें .....पद् , भू , अस् , स्था , पा ,दृश् , गम् , सेव , लभ्।
3. संस्कृत में अनुच्छेद लिखें.....स्वामी दयानन्द , अस्माक प्रार्थनासभा ।
- 4.सुरभि: .....पाठ 1से 3 तक याद करें।
5. संस्कृत में 1से 50 तक संख्या लिखें।

**Wish you all a safe , healthy and a happy vacation.**