SARALA BIRLA PUBLIC SCHOOL

SUMMER ASSIGNMENT (2019-20)

STD – VII

Name : _____ Class and Section : _____ UID No. : _____

ENGLISH

1. Write the summary of the poem "Madhobi The young spring flower".
2. Write the character sketch of signor Bartoli, from the chapter " The Master Artist".
3. You are Nita/ Nitin ., Secretary of the Mountaineering Club of Modern School, Agra. Your school has decided to organise a trek to Kullu Manali . Write a notice for your school board in not more than 50 words.

Hindi

1. स्वास्थ्यवर्धक पेय पदार्थ का विज्ञापन तैयार करें।(पृष्ठ संख्या 255)।

2. नाना-नानी को अपने साथ छुट्टियाँ बिताने का आग्रह करते हुए पत्र लिखिए।

3. विलोम शब्द लिखें अगला से आदि तक।(पृष्ठ संख्या 53)।

4. तीन तीन पर्यायवाची शब्द लिखें-अंग से दिन तक(पृष्ठ संख्या 48)

संस्कृत

भारत का मानचित्र बनाकर "अस्माकं देश:" विषय पर संस्कृत में पांच वाक्य लिखें । (कार्य A4 साइज पेपर में करें।)

Mathematics

1. Complete the pattern
   (i)   7, 3, -1 , -5, _____, _____, _____.
   (ii)   15, 10, 5, 0, _____, _____, _____.
2. Verify : $a - (-b) = a + b$ for the values of a and b .
   (i)   a = 21, b = 18
   (ii)   a = 28 , b = 11
3. Find by using distributive property

(i)   (-49) x 18

(ii)   70 x (-19) + (-1) x 70

4. Verify : 18 x [7 + (-3)] = [18 x 7] + [18 x (-3)]

5. Find :   (i) $\dfrac{7.75}{0.25}$ (ii) $\dfrac{5.6}{1.4}$

6. Find :   (i) $\dfrac{2}{7}$ x 3   (ii) $\dfrac{9}{7}$ x 6

   If the product is an improper fraction express it as a mixed fraction.

7. A rectangular sheet of paper is $12\dfrac{1}{2}$ cm long and $10\dfrac{2}{3}$ cm wide. Find its perimeter.

8. Suppose we represent the distance above the ground by a positive integer and that below the ground by a negative integer then answer the following

   (i)   An elevator descends into a mine shaft at the rate of 5 meters per minute. What will be its position after one hour ?

   (ii)   If it begins to descend from 15 meters above the ground, what will be its position after 45 minutes.

9. Solve the following equations by trial and error method :

   (i)   5p + 2 = 17

   (ii)   3m − 14 = 4

   10. LAB ACTIVITIES : Do activity 1 and activity 3 .

Physics

1. Convert
   (i)   -40° F to ° C
   (ii) 104° F to ° C
   (iii)   35° C to ° F
   (iv) -80° C to ° F

2. Differentiate between Celsius scale and Fahrenheit scale.

3. What is temperature? Name the scales used to measure it.

4. Draw the diagrams of clinical and laboratory thermometer and label them.

Chemistry

1. Using beads represent the electron distribution of the following elements on a chart.
   (a)Phosphorus   (b) Helium   (c) Nitrogen
   (d)Aluminium   (e) Carbon   (f) Chlorine

2. Write the valencies of the following elements in the compound.
   (a) HCl   (b) MgO   (c) CO_2
   (d)CaCl2   (e) NH3   (f) NaOH
   (g)NaCO3   (h) Fe2O3

3. Classify each of the following as an element (E), a compound(C), or a mixture (M).
   1. Gold   2.Water   3.Sea Water   4.Sugar   5. A chocolate sundae
   6. Air   7.Carbon dioxide   8.Silver   9.Ice   10.freshly-brewed black coffee
4. Represent the following chemical reactions as word equations and identify the reactants and the products.
   (a) Hydrogen gas combines with oxygen gas to form water.
   (b) Hydrochloric acid reacts with sodium hydroxide to form sodium chloride.
   (c) Sodium metal burns in air to form sodium oxide.
   (d)Iron reacts with copper sulphate to form ferrous sulphate and copper.
   (e) Carbon dioxide dissolves water to form carbonic acid.
5. On a chart paper, write the symbol and valency of the first twenty elements starting from Hydrogen to Calcium

Biology

Multiple choice questions

1. The process by which a plant loses water through the stomata is called

   a) Excretion   b)Respiration   c)Transpiration   d) Osmosis

2. Which blood vessels carry blood from heart to different parts of the body?

   a)Arteries   b)Veins   c)capillaries   d)None

3.Which blood cells is to defend the body against infections?

   a)Plasma   b)Red blood cells   c)White blood cells   d)platelets

4.What carries the water absorbed by root to the leaves of a plant?

   a)Xylem   b)Phloem   c)Both   d)None

5.Where does RBCs are made?

   a) B l o o db) Bone   c) Bone marrow   d) None

6.The normal pulse rate is around

   a)60 per minute   b)72 per minute   c)52 per minute   d)82 per m

7.What are the tiny filters of kidneys?

   a) ureter   b) urethra   c) nephrons   d) urinary bladder

8. Deoxygenated blood means

   a) Blood carry oxygen
   b) Blood carry carbon dioxide
   c) Blood carry waste products
   d) Blood carry enzymes

History

1. Why was the need for keeping records strongly felt during the medieval period ?

2. What is Sufism ?

3. Why did the Arabs and Europeans feel the need to develop the skill of map-making ?

4. Why did the medieval maps of india show the coastal regions in more detail ?

5. Draw a basket containing different kinds of fruit and vegetables. Include litchis, plums, peaches, apricots, melons, oranges, lemons, potatoes, tomatoes and chilies. Draw tags to show the name of each item and the country from which it came to India.

Civics

1. What is a political party?

2. Name a scheme that the Indian government runs to promote social equality. How does it help reduce caste   discrimination?

3. What are the key elements of democracy?

4. Explain the significance of the Indian citizen's right to Equality?

5. Find out what forms of government exist in India's neighboring countries (Pakistan, Nepal , Bhutan, Sri lanka and Bangladesh).

Geography

1. What are rocks made of ? Name the three main types of rocks?

2. What is a volcanic cone ?

3. What are the effects of earthquakes on landforms?

4. Briefly describe the earth's crust.