

SAINT JOHN'S ACADEMY
SUMMER ASSIGNMENT (2018-2019)
CLASS VI

NOTE:- These assignments are to be done in separate answer sheets and submitted to the subject teachers on the first day when the school reopens.

ENGLISH LANGUAGE

- Q.1 Read an English newspaper and cut and paste 8 sentences from it which represent the four kinds of sentences. (2 each) (Assertive, Imperative, interrogative and exclamatory).
- Q.2 Do as directed:
1. Ria owns a colt and a cow. [Rewrite the sentence with the opposite gender of underlined words.]
2. The book is on the shelf. [Rewrite the sentence in plural form]
3. The teacher taught Maths to Diya. [Circle the direct and underline the indirect object]
4. Rohan is _____ than his sister. [Comparative degree of old]
5. Can _____ carry the bag yourself? [I/you]
6. _____ book you gave me was interesting. [Article]
7. The girl opened the door. [Pick out the verb and write whether its transitive or intransitive]
8. We _____ reading books in the library. [Helping verb]
- Q.3 You are not well and have been advised to stay at home for a week. However, after one week your summer vacation will begin. So, you write a message and send to your friend through your brother asking him or her to inform you about the holiday homework. Also, mention the reason for your absence from school.
- Q.4 Read the following passage carefully and answer the questions that follow:
Princess Tara, the daughter of the king of Shravasti, was a beautiful, intelligent and lively young woman. Unlike her sisters, who were quite content to stay within the palace walls, Tara longed to travel and see the world. She was as well – educated as her brothers, and in addition, she had the remarkable ability to understand the speech of birds and animals. In spite of these incredible talents, Tara was forced to stay at home and wait for a suitable husband, while the brothers were free to fulfil their ambitions.
1. Who was Princess Tara?
2. What did the princess long for?
3. What qualities did she have?
4. What was the princess forced to do?
5. Find the synonyms of the following words from the passage.
a) Satisfied b) Skill
6. Make sentences of your own:
a) Intelligent b) Suitable

ENGLISH LITERATURE

- Q.1 Write the meaning of the following words using a dictionary:
a) splendid b) anxiously c) observed d) nodded
e) tremendous f) conquered g) swiftly h) distracting
- Q.2 Use any 4 words from the words given above to make sentences on your own.
- Q.3 Reference to Context:
Read the lines and answer the questions that follow-
I) "But, we are not strangers, we are neighbours."
a) Who said these words to whom?
b) Why did the speaker say this?
c) What was the listener's response after this?
II) "Those nut-stealers and pickers of palm trees have stolen away Mowgli."
a) To whom is the word 'nut-stealers' referred to?
b) Why did they take Mowgli away?

- Q.4 Write a brief summary of the poem 'Malala' in not more than 50 words.
- Q.5 How many characters are there in the story 'Making Friends'? Write the name of the characters and mention how are they related to each other?

MATHEMATICS

1. Complete the magic squares by filling in the missing numbers.

| | | |
|---|---|---|
| 6 | | |
| | 5 | |
| | | 4 |

2. Write 344705693 in both Indian system and International system.
3. Round off
 (i) 53, 961 to nearest hundreds
 (ii) 47, 599 to the nearest thousands.
4. Write in expanded form: 2, 63, 52, 148
5. Write
 (i) $A = \{21, 23, 25, \dots, 49\}$ in set builder form.
 (ii) $p = \{x \mid x \text{ is squares of first five natural numbers}\}$ in roster form.
6. Using each of the digit only once, find the greatest and smallest 5 digit number formed by 3, 0, 1, 8, 5.
7. Find the greatest 4 - digit number which is exactly divisible by 135.
8. The distance between Janvi's home and her school is 4km 85m. Every day she cycles both ways. Find the distance she covers in 5 days to school? What are the advantages of cycling?
9. Cost of 268 Air conditioner is Rs.1, 01, 55, 860. Find the cost of one such Air conditioner?
10. Using match sticks make a line, ray, parallel lines, interesting lines, acute angle, obtuse angle.
11. Give the pictorial representation of equivalent fraction taking the same unit 12cm.
 [Hint: $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}, \frac{5}{10}, \frac{6}{12}$]
12. Using number line find the value of $(-3) + (-4)$
13. Draw a leaf on a graph paper and find the area of the leaf.

PHYSICS

- Q.1 Using colour pencils, draw the molecular models of solid, liquid and gas. Also, compare the properties of each (in a table)
- Q.2 Write the symbol for-
- | | | | |
|-------------------|--------------|----------------|------------------|
| i) Fahrenheit | ii) Ampere | iii) Newton | iv) Kelvin |
| v) Degree Celsius | vi) Kilogram | vii) Milimeter | viii) Centimeter |
- Q.3 Classify 20 objects around you as solids, liquids and gases also stick the pictures of the objects.
- Q.4 Convert the following quantities as indicated:
- | | |
|--|------------------------|
| i) 10 ft = _____ cm | ii) 30 cm = _____ m |
| iii) 24 inch = _____ ft | iv) 2.1 m = _____ cm |
| v) 0.5 km = _____ m | vi) 0.4 cm = _____ m |
| vii) $100^{\circ} \text{C} = \text{_____ } ^{\circ}\text{F}$ | viii) 1 yard = _____ m |
- Q.5 Write the SI units for measuring following things in your daily life:
- | | |
|---------|------------------------------|
| i) Milk | ii) Temperature of your body |
|---------|------------------------------|

iii) Apple

iv) Arrival of train

CHEMISTRY

- Q.1 Write any five fields where chemistry is applied in daily life and also stick the pictures.
- Q.2 Draw any four common laboratory apparatus and write their uses.
- Q.3 Write the symbols for the following elements.
i) Hydrogen ii) Oxygen iii) Phosphorus iv) Calcium
v) Argon vi) Sulphur vii) Neon viii) Chlorine
- Q.4 Write the formula of the following compounds with their constituents,
i) Zinc Chloride ii) Iron Sulphide
- Q.5 Make a list from your surroundings of things that are elements and compounds (4 each), and also draw the pictures of the things.
- Q.6 Write about the following scientists and also elaborate about their discoveries-
i) Ernest Rutherford ii) Venkatraman Ramankrishan
iii) John Dalton

BIOLOGY

- Q.1 Draw a leaf and label all its part and also write the functions of the parts labelled.
- Q.2 Visit a nearby garden and observe the different kinds of plants and trees. Make a list of simple and compound leaf of various plants or trees. Show the differences through a diagram.
- Q.3 Take a few Kidney beans (rajma). Soak them in a cup of water overnight. Next day, collect some soil in an ice-cream cup. Put the seeds in the soil. Sprinkle water over it and keep the cup where it will get enough sunlight. Keep the soil moist. Observe the seeds for a few days. Write your observation and also represent it in a diagrammatic form.
- Q.4 Write about adaptations in plants growing in the mountains. (at least 4 adaptation). (Stick pictures of the adaptations)
- Q.5 Write five adaptive characteristics of aerial animals.

HISTORY & CIVICS

- Q.1 Find the pictures and information on the following topic and explain each in few lines:
i) Egyptian mummies ii) Pyramids
- Q.2 If you were a member of a town planning committee, what ideas would you borrow from the Harappan Civilization to improve the condition of your city?
- Q.3 Find information, collect pictures and write few lines on the following:
i) The Great Wall of China ii) Chinese Silk iii) Chinese Tea
- Q.4 Imagine you are the Sarpanch of the village panchayat. Write any four major problems of your village. What steps you will take to solve their problem?

GEOGRAPHY

- Q.1 On a political map of India mark the following using a key/legend:
a) The Himalayans Mountains b) A Major crop grown in North India
b) A river in Tamil Nadu d) A place where Petroleum is found

- Q.2 What is GPS? How does it help us? On which devices do we find GPS?
- Q.3 Paste at least 2 pictures showing the difference between the life in plains and the life in mountains. Also write the differences corresponding to the pictures.
- Q.4 Stick a picture of minerals given below. Also write its use and the leading producer in the World in the form of a table:
- | | | |
|-------------|------------|--------------|
| a) Copper | b) Gold | c) Coal |
| d) Iron Ore | e) Uranium | f) Petroleum |
- Q.5 State any two points on how we can conserve minerals.

COMPUTER SCIENCE

Q.1 Solve the following:

$$\begin{array}{r} a) \quad 1 \ 0 \ 1 \ 1 \\ + \quad 1 \ 0 \ 1 \ 0 \\ \hline \end{array}$$

$$\begin{array}{r} b) \quad 1 \ 0 \ 0 \ 1 \ 1 \\ + \quad 1 \ 0 \ 1 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} c) \quad 1 \ 0 \ 1 \ 1 \\ - \quad 1 \ 0 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} d) \quad 1 \ 1 \ 1 \ 1 \ 1 \\ - \quad 1 \ 1 \ 0 \ 0 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} b) \quad 1 \ 1 \ 0 \ 1 \\ \times \quad 1 \ 0 \ 1 \\ \hline \end{array}$$

$$\begin{array}{r} c) \quad 1 \ 1 \ 1 \ 1 \\ \times \quad 1 \ 1 \ 1 \\ \hline \end{array}$$

- Q.2 Convert the following:
- a) From decimal to binary: 24
- b) From binary to decimal: 110011
- Q.3 Differentiate between First generation and Second generation computer.
- Q.4 Answer in one word:
- a) CEO of Microsoft –
- b) World's first talking robot –
- c) Number system which has sixteen digits –
- d) Technique with which a machine is made to think and take decision like human beings.
- Q.5 Explain any three components of a window.
- Q.6 Write the steps to configure Data and Time.

HINDI

iz"u f& ywlh dh jktlh fo"ks'krk D;k Fkh\

iz"i „& uhyw fdl izdkj ls vU; dqRrksa ls fHkUu Fkk\ mnkgj.k lfrg crkb;sA

iz"u ...& fuEufyf[kr "kCnksa ls Hkkookpd laKk cukb,& balku] nksLr] f"k"kg] viuk

iz"u †& fuEufyf[kr "kCnksa esa milxZ yxkdj u;k "kCn cukb,& t;] Kku] eku] xq.k

iz"u ‡& fuEufyf[kr "kCnksa esa izR;; yxkdj "kCn cukb,& lqUnj] cw<+k] ped] gjk

iz"u ^& fn;s x;s "kCnksa ds foykse "kCn fyf[k,&

“k=q] jtk] “kqHk] var
iz”u %o&¼d½ lkse fdldk i;kZ;okph “kCn gS\
¼[k½ vkx dk i;kZ;okph “kCn D;k gS\
iz”u Š& okD;ka”k ds fy, ,d “kCn fyf[k,&
¼d½ ftlds leku dksbZ nwlj u gksA
¼[k½ tgk; dksbZ tu u jgrk gksA
iz”u <& xzh’edky vodk”k ds vuqHko ds fo’k; esa crkrs gq, vius
fe= dks i= fyf[k;sA

END