SAINT JOHN'S ACADEMY SUMMER ASSIGNMENT (2019-2020) 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 Message writing:

Your sister has asked you to pick her up from her friend's house. Your mother is not a home and you want to convey this to her. Leave a message for your mother telling her that you are going to pick your sister up and will be back within an hour.

- Q.2 Make the four kinds of sentences (i.e Assertive, interrogative, imperative and exclamatory) using the given word: **book**.
- Q.3 Fill in the blanks with suitable words with the help of the clues given in the brackets:
 - 1. His ______ impresses everybody. (Abstract noun)
 - 2. A _______ of birds come on my terrace everyday. (Collective noun)
 - 3. The _______ is a good dancer and singer too. (Feminine gender of actor)
 - 4. Diya wore a _____ dress. (Adjective of quality)
 - 5. That is the ______ monument in the city. (Superlative degree of old)
 - 6. ______ are my friends. (Pronoun)
 - 7. He gave me _____ magazine to read. (Article)
 - 8. _____ I come in? (Modal)
 - 9. They ______ here for the competition. (is / are)
 - 10. ______ some milk in the glass. (pore / pour)
- Q.4 Comprehension- Read the passage and answer the question:

Secrets. They are exciting, intriguing, teasing, tantalising, deep and dark. I could describe secrets with even more intensity and pleasure than to eat chocolates! There's something very about hidden truths. Well, that's what secrets are, aren't they? They excite the bug of curiosity in all livings beings. And in inquisitive human beings, they give a deep desire to get to the bottom of it all.

Q.1 What are secrets?

a) curious

- Q.2 How do secrets affect us?
- Q.3 Give a suitable title to the passage.
- Q.4 Pick out any four adjectives from the passage.
- Q.5 Find out the synonyms of the given words from the passage:
 - b) fascinating
- Q.5 Paragraph writing Write a paragraph on the topic: "A day without electricity"

ENGLISH LITERATURE

Q.1 Give two meaning of each of the following words:

i) vowed ii) radiance

iii) companions

- iv) procession v) glistening
- Q.2 Use the following words in the sentences of your own:
 - i) hatinglyii) trudgeiv) flutteringv) consternation

iii) whooping

- Q.3 As a young girl, Malala Yousafzai defied the orthodox tradition and demanded that the girls should be allowed to attend school. Find out more about this young courageous woman and answer the following:
 - 1. Malala was born in the Swat Valley of _

- 2. Malala was a blog writer for the BBC using the alias ______.
- 3. She received the Nobel Peace Prize in ______.
- 4. She shared the Nobel Peace Prize with ______.5. She was shot and received severe wounds on her way back from ______.
- Q.4 Write about Mahatma Gandhi's struggle to make salt. Mention the March event. (Do not exceed it from more than 100 words)

MATHEMATICS

- 1. Rewrite the numeral with proper commas in Hindu Arabic System and International system. 8 3 9 2 6 1 7 5 4.
- 2. Complete the magic square by supplying in the missing numbers.

16		
	10	
		4

- 3. Cost of 13m of cloth is Rs 1625. What will be the cost of 5m of cloth?
- 4. Round off
 - (i) 490 X 513 to nearest hundred
 - (ii) Find the appropriate quotient $815 \div 21$.
- 5. Write
 - (i) the prime numbers between 40 and 100
 - (ii) Study the pattern and write the next three steps: $111 \div 3 = 37$
 - $\begin{array}{r}
 111 + 3 = 37 \\
 222 \div 6 = 37 \\
 333 \div 9 = 37 \\
 444 \div 12 = 37
 \end{array}$
- 6. Simplify $6\frac{4}{5} 3\frac{4}{15} + 4\frac{3}{10}$
- 7. Find the LCM 36, 96, 108, 160.
- 8. Using coloured buttons (Green and Red). Evaluate (Red for positive, Green for negative) i) + 6 + 4 ii) - 6 - 4 iii) - 6 + 4 iv) 6 + (-4)
- 9. Identify monomial, binomial or trinomial:

i) $2x \div y$ ii) $3a^2 - 2b^2 + 7$ iii) 2p - 3q iv) $\frac{p+q}{2}$

10. Draw the following angles: i) 90° ii) 110° iii) 70°

PHYSICS

- Q.1 Pick fine examples from daily life which can be measured in quantity. Name their physical quantity and the measuring device which is used to measure them. Give the standard unit of these physical quantity.
- Q.2 Name the three states of matter that generally exist. Show their molecular arrangement in all three

states using pulses or feats to show how molecules exist in them. Explain the differences in their molecular arrangement.

- Q.3 Give two multiples and submultiples for the following physical units:
 - i) Length (m)ii) Mass (kg)iii) time (S)iv) Area (m²)v) Volume (Litre)
- Q.4 Convert the following quantities as indicated:

i) 5 ft = cn	1	ii) 2.5 cm =	_ m
iii) 100 K =	_°C	iv) 10 Yard =	m
v) 2 km =	m		

CHEMISTRY

- Q.1 "Detection of Adulteration in Spices"
 - Collect all the information related to food adulteration from various sources such as magazines, newspaper or internet. Find out atleast 5 different spices which are commonly used in your kitchen and write how are they adulterated.
 - Follow the following guidelines:
 - i) Select 5 spices in which adulteration is done.
 - ii) Put them in small transparent packets.
 - iii) Paste the small packets on the sheet.
 - iv) Label each of the spice which you have pasted.
 - v) Write how they are adulterated? Also mention the name of the adulterant.
 - vi) Write a paragraph about "Food adulteration"
- Q.2 Is chemistry important for you? Collect pictures, newspaper headlines or cutting and paste them to illustrate the importance of chemistry in various fields.
- Q.3 Observe atleast 5 activities happening around you in your daily life where various methods are applied to separate the constituents of a mixture.

Eg – Handpicking method: This method is used to separate unwanted particles from rice before cooking it.

Also paste pictures of each method to support you answer. Write atleast a paragraph for each method, explaining the process of separation of mixtures.

BIOLOGY

Q.1 Visit a nearby garden or park with your parents and collect atleast 5 different kinds of leaves and flowers. Press and keep them inside an old thick book for atleast 10 days. When the leaves and flowers dry, paste them on sheets.

Also mention the following:

For Flowers -

i) Write their common name

ii) Write their Botanical name.

For Leaves –

i) Write the Botanical name of the plant / tree from which you plucked the leaf.

ii) Write the type of venation in the leaf.

- Q.2 Take two bowls and label them as A and B, put some cotton inside each of them. Place a few dry gram seeds on the moist cotton in bowl B, Sprinkle water over the moist cotton from time to time. Note down your observation after 3 4 days. Draw diagram to explain the experiment.
- Q.3 Based on the number of cotyledons, explain the different types of seeds. Also paste at least 5 seeds of different kind and mention their names.

HISTORY & CIVICS

- Q.1Find information, collect pictures and write few lines on the following:i) Chinese Teaii) Chinese Silkiii) The Great Wall of Chinaiv) Pagodas
- Q.2 Imagine you are a member of an international peacekeeping organization. Mention any four principles of Buddhism that you would adopt to prevent war between nations and restore peace and harmony in today's world.
- Q.3 Read the chapter 'The Mesopotamian Civilization' and fill in the blanks given below:
 i) The temple towers were monumental structures made from ______.
 ii) Mesopotamia is a board fertile valley between the rivers ______ and ______.
 iii) West Asia.
 iii) ______ found in the Indus Valley show that the Mesopotamians also had trade relations with India.

iv) The Mesopotamians followed a _____ patter.

Q.4 What is the difference between Janapadas and Mahajanapadas. (Find the answer from the chapter 'The Rise of Magadha')

GEOGRAPHY

- Q.1 Draw and colour the various representation of political boundaries and transportation and communication.
- Q.2 "Rivers are the fresh source of water." With a well label diagram, explain the various stages of a river.
- Q.3 Make a chart on a comparative study of a sketch plan, map and globe. Paste picture in support of your answer.
- Q.4 Study the picture and answer the following questions:



i) Compare the life of the people in mountain and the life of the people in plain.

- ii) Write five disadvantages of adaptation on mountain.
- iii) Write advantages and impact of life of people living in the plain

Q.5 On the outline map of the world, mark and label the following:

i) Rockies	ii) Himalayas	iii) Atlas Mt.	iv) Great Dividing Range
v) Ural Mt.	vi) Block Mt.	vii) Mt. Fujiyama	viii) Deccan Plateau

COMPUTER SCIENCE

- Q.1 Convert following Decimal Number into Binary Number: (305)₁₀ (87)₁₀ (105)₁₀
- Q.2 Convert the following Binary Number into Decimal Number: $(11111)_2$ $(1000010)_2$ $(1100110)_2$
- Q.3 Solve the following: i) 1110011 + 111101 ii) 111001 - 011100 iii) 111101 + 110011
- Q.4 Write the full form of: i) IC ii) AI
- Q.5 Draw a flowchart to add two numbers.
- Q.6 Write an Algorithm to find the average of three numbers.
- Q.7 Explain any three characteristics of computer.

<u>Hindi</u>

iz"u f& i"kq i{kh Hkh ekuo dh feyus okys I;kj dk mRrj I;kj ls gh nsrs gSaA ikB ls mnkgj.k nsdj le>kb;sA iz"u "& D;k dHkh thou esa vkids lkFk dksbZ vU;k; gqvk gS vkidks dSlk eqlwl qqvk fyf[k,A iz"u ...& xehZ dh NqV~Vh esa vki dgk; ?kweus x;s ogk; vkidks dSlk yxk crkrs gq, fe= dks i= fyf[k,A iz"u †& fn;s x;s "kCnksa ds nks & nks i;kZ;okph fyf[k,& ve`r vkx 1 iz"u ‡& foykse "kCn fyf[k,& 1 iad] izdk"k uohu mxz1 iz"u ^& okD;ka"k ds fy, ,d "kCn fyf[k,& tks dke dfBu gksA $\frac{1}{4}d^{1}/_{2}$ $\frac{1}{4}$ ftlds uhps js[kk [khaph gksA iz"u ‰&fn;s x;s "kCnksa ds nks & nks vFkZ fyf[k,& v/ki v{ki 1 iz"u Š& lekukFkhZ "kCnksa ds vFkZ fyf[k,& 1 vkKk vugefr iz"u <& fn;s x;s eqgkojksa ls okD; cuk,¡& vk;[ksa pqjkuk] vk;[kksa esa [kVduk