SAINT JOHN'S ACADEMY
WINTER RECAPITULATION (2017-2018)
CLASS VIII

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 Re-write the sentences as directed.
   (a) He is selling stale vegetables. (write in Passive form)
   (b) She is dressed up <u>in a graceful manner</u> (Replace the underlined words with an adverb)
   (c) I go for a walk in evenings. (use 'usually' at the correct place)
   (d) Some parents have come to meet the Principal. They are waiting outside. (use Relative clause)
   (e) The girls have completed their food. (use negative)

Q.2 Fill in the blanks.
   a) _____ bag is lying on the floor?
   b) I have _____ savings to buy a gift for my mother. (little)
   c) _____ child of the class was given the form.
   d) French is not _____ easy language. (article)
   e) He is the _____ hard working child in class.
   f) Al the girls _____ by expert coaches. (correct form of 'train')
   g) The movie was interesting _____ it was very short.
   h) Had I seen the boy stealing, I _____ you. (inform)
   i) The priest _____ (guide) the one who approaches him.
   j) The burglars broke _____ the jewellery shop last night.

Q.3 Write a letter to the Editor of a local newspaper telling about the state and unhealthy food being sold outside your school.

Q.4 Make an attractive poster depicting "SAVE WATER"

Q.5 Read the following passage and answer the following questions.

Once upon a time, there was a flock of doves that flew in search of food led by their king. One day, they had flown a long distance and were very tired. The dove king encouraged them to fly a little further. The smallest dove picked up speed and found some rice scattered beneath a banyan tree. So all the doves landed and began to eat.

Suddenly a net fell over them and they were all trapped. They saw a hunter approaching carrying a huge club. The doves desperately fluttered their wings trying to get out, but to no avail.

The king had an idea. He advised all the doves to fly up together carrying the net with them. He said that there was strength in unity.

Each dove picked up a portion of the net and together they flew off carrying the net with them. The hunter looked up in astonishment. He tried to follow them, but they were flying high over hills and valleys. They flew to a hill near a city of temples where there lived a mouse that could help them. He was a faithful friend of the dove king.

When the mouse heard the loud noise of their approach, he went into hiding. The dove king gently called out to him and then the mouse was happy to see him. The dove king explained that they had been caught in a trap and needed the help of the mouse to gnaw at the net with his teeth and set them free.

The mouse agreed saying that he would set the king free first. The king insisted that he first free his subjects and the king last. The mouse understood the king's feeling

and complied with his wishes. He began to cut the net and one by one all the doves were freed including the dove king.

They all thanked the mouse and flew away together, united in their strength.

A) Answer the questions given below:
1) Why were the doves tired?
2) What did the dove king do?
3) Where did they find rice scattered over?
4) What happened when they began eating the rice?
5) What did the doves do when they saw the hunter?

ENGLISH LITERATURE

Q.1 Look for the meaning of the following words in your dictionary. Write at least two meanings.
1) Shred   2) claimed
3) insurgency   4) deployed
5) evacuation   6) pauper
7) contemporaries   8) hailed
9) entailments   10) ramshackle

Q.2 Make any five sentence with the words given above.

Q.3 Reference to the context.
1) 'I'll tell him you said hey, little lady"
a) Who said the above line?
b) Who is the little lady?
c) Who is him in the above line?
d) Why had the speaker come there?

Q.4 Read the lesson 'The Merchant of Venice'. Write few lines about each and every character of the lesson.

Q.5 Write an article about the person you admire. Relate an incident or two from the person's life to prove your point. If possible stick a picture of the person you admire.

MATHEMATICS

Q1. Simplify the following:-

(i) $\left(x^{a+b}\right)^{a-b} \times \left(x^{b+c}\right)^{b-c} \times \left(x^{c+a}\right)^{c-a}$

(ii) $\left(\dfrac{x^a}{x^b}\right)^{a^2+ab+b^2} * \left(\dfrac{x^b}{x^c}\right)^{b^2+bc+c^2} * \left(\dfrac{x^c}{x^a}\right)^{c^2+ca+a^2}$

Q2. Find the square root of the following numbers by division method correct upto two decimal place.

(I) $\sqrt{57}$ (ii) $\sqrt{74}$

Q3. Find the value of $\sqrt{15625}$ and hence evaluate $\sqrt{156.25} + \sqrt{1.5625}$

Q4. Write and learn divisibility test of a number by 3, 6, 8, 7 & 11

Q5. Factorise the following:-
(i) $3x^2 + 11x + 1$
(ii) $3(y - 2)^2 - (y - 2) - 44$
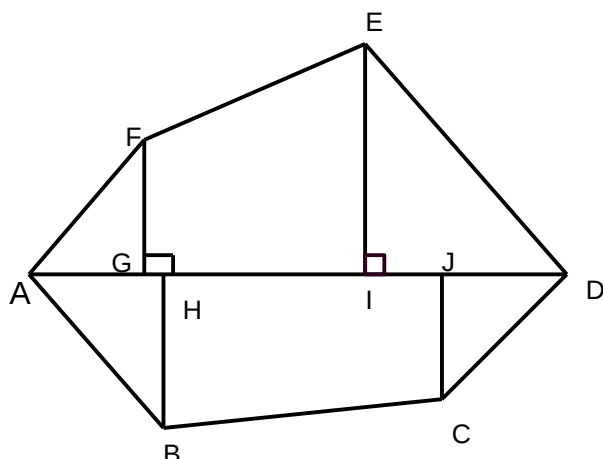(iii) $x^2 - y^2 - 8yz - 16z^2$
(iv) $a^3 - 4ab^3$

Q6. Solve the following linear equation:-
(i) $\dfrac{4n+1}{3} + \dfrac{2n-1}{2} - \dfrac{3n-7}{5} = 6$

(ii) $(z + 3)(z - 3) - z(z + 5) = 6$

(iii) $y(2y + 3) - 2y(y - 5) = 26$

Q7.   Find the area of the following Hexagonal fig.

AG = 6cm   FG = 6cm
GI = 5cm   IE = 8cm
ID = 8cm   BH = 4cm
GH = 2cm   JC = 3cm

Q8.   Three cubes of metal with edge 5cm, 4cm and 3cm are respectively melted to form a single cube. Find the length of the single cube.

Q9.   A wire when bent in the form of a square encloses an area of $992.25cm^2$. If the same wire is bent to form a semi circle, what will be the radius of semi circle so formed?

Q10.   7 workers working 6 hours a day can build a wall in 12 days. How many days will three workers take to build a similar wall working 8 hours a day?

PHYSICS

Q.1   Explain with a diagram the nuclear fission chain reaction in a nuclear reactor. Also state any two disadvantages of nuclear power.

Q.2   What is electroscope? Explain the applications of gold leaf electroscope in
a) Detection of charge on a body
b) Detection of nature of charge
c) Test for conductor or insulator

Q.3   What are the properties of magnetic lines of force? Also draw the magnetic lines of forces.

Q.4   Explain the following
a) Why a bird sitting on an electric pole or wire won't get a shock.
b) Why mobile phone charger becomes hot while charging a mobile phone.

CHEMISTRY

Q.1   Complete the following table:-

S.No.	METAL	NAME OF ORE	FORMULA
1	_____	bauxite	_____
2	_____	_____	Cu_2S
3	_____	Zinc sulphide	_____
4	Silver	_____	_____
5	Mercury	_____	_____

Q.2　Write balanced chemical equations of the following:-
　　　a) Cane sugar is dehydrated with concentrated sulphuric acid.
　　　b) Wood charcoal reacts with sulphur.
　　　c) Sulphur reacts with concentrated nitric acid.
　　　d) Iron reacts with copper sulphate.
　　　e) Coke is heated with silicon dioxide.

Q.3　Give two uses of:-
　　　a) Lampblack
　　　b) Fullerenes
　　　c) Fluorine
　　　d) Magnalium
　　　e) Bronze

Q.4　Give one word answer for the following:-
　　　a) The reduction of metal oxides by heating with coke.
　　　b) The most abundant metal in the human body.
　　　c) The property of attracting gases, liquids or solids to its surface by a solid.
　　　d) The bond between carbon atoms in graphite.
　　　e) The metal used as filaments in electric bulbs.

BIOLOGY
Q.1　Cut and paste at least 5 paper cutting (newspaper or magazines) showing　　pictures of pollution and also write 4 control measures for each.
Q.2　How can you conserve fossils fuels? Write 5 ways.
Q.3　Write short notes on:-
　　　a) Animal husbandry
　　　b) Poultry farming
Q.4　Make a table and write 5 points on how bacteria, algae and fungi are useful to human beings.
Q.5　What do you understand by food adulteration? Make a list of 5 food items in which food adulteration is done. (Support your answer by pasting pictures)
Q.6　What is organic farming? Why it is useful and becoming popular in the world? Cut and paste a picture of a food crop which is produced by this method.

HISTORY & CIVICS
Q.1　Cut and paste pictures of various social reformers in India in the 19th century (any four) and write about the reforms carried out by them.
Q.2　Write about importance of women's education in India.
Q.3　Find out the information and stick pictures of the following people.
　　　a) Bamkin Chandra Chattopadhyaya.
　　　b) Surendranath Banerjee
　　　c) W.C Banerjee.
Q.4　Write a report on the partition of Bengal that take place on 1905.
Q.5　Imagine you are a survivor of the Jallianwala Bagh incident. Write an article for a nationalist newspaper recounting year experiences.

GEOGRAPHY
Q.1　On a political map of India using different symbols show atleast 2 places for each – national park, bird sanctuary, tiger Reserves and Biosphere reserves.

Q.2 'Mumbai is the most populous city of India'. Discuss the statement by atleast stating four factors responsible for it.

Q.3 In a tabular form show the comparative study of the different climatic regions of India with respect to climate, areas, features and trees found.

Q.4 Prepare a chart to show the following-:
(a) States situated in the Himalayas.
(b) Desert state
(c) Coastal states
(d) States that share common frontiers with China.
(e) Newly formed states
(f) States that lie in planes.
Also write the capitals of the states.

COMPUTER SCIENCE

Q.1 Name any two websites for-
a) E-commerce
b) Video conferencing
c) Social networking site
d) Online news channel
e) E-learning
f) Online music

Q.2 Explain GPS.

Q.3 Write any three advantages and disadvantages of using Internet.

Q.4 What is Chart in Open Office Calc? Explain any four types of chart.

Q.5 Explain any three modes of e-commerce with example.

HINDI

iz"u ƒ& foijhrkFkZd "kCn fyf[k,&

tfVy] psru] taxe] rjy] rhozA

iz"u „& i;kZ;okph fyf[k,& ¼dksbZ rhu½

x`g] ty] rkykc] fnu] eNyhA

iz"u …& fuEufyf[kr "kCnksa ds rn~Hko :i fyf[k,&

gLr] lk;a] nqX/k] c/kw] deZA

iz"u †& okD;ka"k ds fy, ,d "kCn fyf[k,A

¼d½ ftlesa tkuus dh bPNk gksA

¼[k½ fgalk djus okykA

¼x½ tks fu;e ls gksA

¼?k½ tks u'V gksus okyk gksA

¼³½ tks vdsyk gksA

iz"u ‡& eqgkojs dk vFkZ fy[krs gq, okD; esa iz;ksx dhft,&

Å¡xyh ij upkuk] dej VwVuk] dystk QVuk] mUuhl chl dk vUrj] Å¡xyh mBkukA

iz"u ˆ& fn;s x;s iz"ukssa dk mÙkj nhft,&

¼d½ jktk us vius lHkh njckfj;ksa dks D;ksa cqyk;k\

¼[k½ dfo us ^ izse lxkbZ * dks lcls Å¡pk D;ksa ekuk gS\

END