

SAINT JOHN'S ACADEMY
WINTER 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.
All students are required to submit an original article for the School Magazine.

ENGLISH LANGUAGE

Q.1 Imagine you went on an excursion with your teachers and friends from school to a hill station. Express your observations, ideas and thoughts as well as details of the first day of your trip. You may describe the journey, the villages you crossed, people you met when you stopped for a break on the way, the food you ate, games you played after you checked in at a hotel, the forests, the flora and fauna of the place. You may mention anything unusual that you noticed and all about your experience of shopping with your pocket money.

Q.2 Do as directed:

- i) The brave soldier _____ his life for his country. [Fill the blank with a phrasal verb]
- ii) She said to her mother, "We will go out and play in the rain." [Rewrite the sentence in indirect speech]
- iii) Why is the machine not working [Punctuate the sentence]
- iv) Diksha went to buy grocery _____ the supermarket was closed. [fill the blank with a suitable conjunction]

- v) _____! Look at that beautiful white house. [Fill the blanks with a suitable interjection]
- vi) hope _____.
_____ legal. [Add a correct suffix or prefix]
- vii) desert ; dessert [Make sentences with the given homophones]
- viii) My brother does not like to eat the _____ of an egg. [Fill the blank with (yolk, yoke)]
- ix) awful [Give the synonyms of the word and make a sentences with the new word]
- x) pure [Give the antonym of the word and make a sentence with the new word]

Q.3 Write an application to the Principal requesting to excuse you from attending the school assembly for three days.

Q.4 Look at the picture given below and write a story based on it.



ENGLISH LITERATURE

- Q1. Find the meaning of the following words from the dictionary.
- | | | |
|---------------|---------------|---------------|
| 1) collapsed | 2) mysterious | 3) blacksmith |
| 4) enthusiasm | 5) argument | 6) dwell |
| 7) arching | 8) boughs | |
- Q2. Use the following words to make sentences of your own
- | | | |
|-------------|-------------|-------------|
| 1) scents | 2) covert | 3) surprise |
| 4) bandages | 5) bending | 6) prisoner |
| 7) frozen | 8) exploded | |
- Q3. List the name of the characters in the chapters 'The Mysterious visitor - 1' and 'The Mysterious visitor - 2' and write about their role in the chapter in not more than 1 or 2 lines.
For eg. -
Mr. Bobby Jaffers - The policeman who came to take the visit to prison.
- Q4. Pick and write the lines from the poem 'Stopping by the woods on a snowy evening' which shows that -
a) the horse was impatient
b) the woods were silent.
- Q5. Reference to context
- A. "But head or no head, you are going to prison."
1) Who said these words and to whom?
2) From which chapter has this line been taken?
3) Why did the speaker want to take the listener to the prison?
4) What does the speaker mean by the phrase, 'head or no head'?
- B. "What is the reason that you did not bring me food?"
1) Who said these words and to whom?
2) Why is the speaker asking for food?
3) Why didn't he get the food?
4) Later did he manage to get the food?

MATHEMATICS

- Find the mean weight of five of your friends?
- A bus covers 120km in 3 hours. A car covers 240km in 4 hrs. Find the ratio of their speeds.
- Solve: $\frac{x}{2} - 6 = \frac{x}{3} - 5$
- Find the area and perimeter of teacher's table in your class.
- A car covers a distance of 100km in first two hours, 120km in next one hour and 32km in next one hour. Find the average speed in m/sec.
- Side of a square is 10.5cm. Find its area and perimeter?
- 82% of fans at a cricket match support India. If there are 28,864 Indian supporters, how many people attended the match?
- Six bells commence tolling together and toll at intervals of 2, 4, 6, 8, 10 and 12 minutes respectively. After what interval of time will they toll together again?
- Draw the line of symmetry of kite and square.
- Draw an angle of 50° using protractor. Construct an angle equal to $1\frac{1}{2}$ times the given angle using ruler and compass.
- Draw a bar graph showing your marks obtained in Half Yearly Exam for English, Hindi, Science, Mathematics and Social Studies.
- Cut the 4 interior angles of a quadrilateral and find their sum.

13. The measures of the angles of a quadrilateral are in the ratio 2 : 4: 5: 7. Find the measure of each angle.
14. Solve: $3(5x - 2) - 4(x + 4) = 7(x - 1) + 1$
15. Find the sum of the interior angles of a polygon of 19 sides.
16. The area of a rectangular field is 456m^2 and its length is 24m. Find the perimeter of the field.
17. Perimeter of a square is 52m. Find its area.
18. The price of rice rises from Rs.40 per kg to Rs.43.20 per kg. Find the increase percent.
19. Find the HCF of 252, 576 by long division method.
20. Subtract $2x + 3y - 6z$ from the sum of $5x - y - 4z$ and $3y - 8x - 5z$.

PHYSICS

- a) Suggest a situation where we can obtain more than one shadow of an object at a time.
- b) You are given a transparent glass sheet. Suggest any two ways to make it translucent without breaking it.
- c) You are provided with two identical metal bars. One out of the two is a bar magnet. Suggest two ways to identify the magnet. Write the uses of a magnet and also stick pictures to elaborate the answers.
- d) A bar magnet is cut into two pieces A and B, from the middle. Will the two pieces act as individual magnets? Make the diagram and mark the poles of the two magnets. Suggest an activity to verify your answer.
- e) Write the way to make a pinhole camera for yourself. Draw the diagram to elaborate your answer.
- f) Me and my friend were decorating the class bulletin board. I dropped the box of stainless steel pins by mistake. I tried to collect the pins using magnet but could not succeed. What could be the reason for this?

CHEMISTRY

- Q.1 Visit a nearby water body (pond / lake / river) and find out the various ways in which the water in it gets polluted and stick pictures to justify your answer. Find out if people staying around this water body are using this polluted water.
- Q.2 Water is precious. Think and write five simple things that you should do in your day to day life to save water.
- Q.3 What are the different layers of the atmosphere here? Make a chart (table) depicting all the layers also write one key feature of each layer.
- Q.4 Cut and paste various newspaper cutting related to air pollution and also suggest some preventive measures for it.
- Q.5 Write a short notes on “Green House Effect”. Use pictures to elaborate your answer.

BIOLOGY

- Q.1 Conduct a survey on five families of your society based on “Health and Hygiene” and write your analysis on it. Questions to be asked are given below:
 - i) What do you think is meaning of “health and hygiene”?
 - ii) Is the food available in food restaurants in your area are healthy one’s?
 - iii) Do you think the drinking water of your house is fit for human drinking?

- iv) Cause of non-hygienic food? (At least 2 causes)
 - v) How many times are you consuming junk foods per week?
 - vi) What should be done to improve the public health?
- Q.2 Collect information about dengue from newspaper, internet etc and write its causes, spread, preventive measures and control.
- Q.3 As you are aware that the level of air pollution increases post – Diwali, what preventive measures can you suggest to celebrate pollution free Diwali. State pictures to justify your answer.
- Q.4 Find out the answer for the following:
- i) What substance are human finger and toes nails made of?
 - ii) Where is the smallest bone in the human body found?
 - iii) How many bones are there in an adult Human Being?
 - iv) How does the virus Nipah Spreads?
 - v) What is the name of the biggest part of the human brain?
- Q.5 Draw a neat and well labelled diagram of the human heart.

HISTORY & CIVICS

- Q.1 Collect information and pictures on the following topic:
- i) Alexander’s Invasion
 - ii) Gandhara School of Art.
- Q.2 Imagine that Emperor Ashoka has become the Prime Minister of India. What steps do you think he would take for welfare of the people of India in today’s time?
- Q.3 Imagine that you are a travel tour guide for a group of school children on an educational tour of Sanchi and Sarnath. What would you do to give these children a clear idea of Mauryan art architecture?
- Q.4 Make a chart and list the different functions of a municipality or municipal corporation. Paste pictures to show how they work to improve the city.
- Q.5 Collect information and pictures and explain the following topics:
- i) Kalinga war
 - ii) Ashoka’s Dhamma
 - iii) Ashoka’s edicts

GEOGRAPHY

- Q.1 Write about the wildlife in Galapagos Island. Also stick pictures related to it.
- Q.2 State the differences between hardwood and softwood.
- Q.3 Prepare a report with pictures on the ‘Amazon Basin’ using the points given below:
- i) Vegetation
 - ii) Animal life
 - iii) Indigenous culture
- Q.4 Compare the life of the people living in Amazon before to the life of the people in Amazon today. (Use figures and pictures to depict the difference clearly)
- Q.5 On a physical map of South America, locate the following:
- i) Amazon River
 - ii) Atacama Desert
 - iii) Lake Poopo
 - iv) Angel falls
 - v) Guiana Highlands

COMPUTER SCIENCE

1) **Answer in one word:**

- a) Shortcut key to insert a new slide- _____

- b) Sender of first e-mail- _____
c) Full form of BCC- _____

2) **Define:**

- a) Sign out
b) E-mail

3) **Write the difference between:**

- a) Reply & Forward option
b) Slide Transition & Custom Animation

- 4) Write the steps to apply Slide Design to the selected slide.
5) What is Trash? How do you delete a mail? How do you restore a deleted mail?
6) Write the steps to create an e-mail ID in www.gmail.com

HINDI

SUBJECT – HINDI

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