SAINT JOHN’S ACADEMY

SUMMER RECAPITULATION (2014-2015)

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. Write an essay of around 150 words on the following topics:**

(a) Holi is one of the colourful festivals celebrated in India. Write a composition on this festival. You may include the details of its origin, the significance it holds for people and how it is celebrated.

(b) Name three leaders who you feel have made significant contribution towards shaping India as she stands today. Give reasons for your choice.

(c) Imagine your sister is going to get married. You have to shoulder the responsibilities for the wedding reception. How would you handle this situation.

(d) Relate an incident or write a story which has as its central idea ‘advice not taken’.

**Q.2. Write a letter on the following:**

(a) Write a letter to the Chief Minister of your state drawing his attention to the urgent need for a government hospital in your district.

 (b) You have been selected for the bravery award for children for 2014. Write a letter to your friend expressing your feelings of excitement and joy and give him/her a brief account of the ‘brave act’ for which you were selected for this award.

**Q3. Read the passages and answer the questions that follow:**

A) One day a wonderful plate made of gold fell from heaven into the court of a temple in Benares, and on these words were inscribed: “A gift from heaven to him who loves best.” The priests at once made a proclamation that every day at twelve o’clock, all who would like to claim the plate should assemble at the temple, to have their kind deeds judged.

Every day for a whole year all kinds of holy men, hermits, scholars and nobles came, and related to the priests their deeds of charity, and the priests in solemn council heard their claims. At last they decided that the one who seemed to be the greatest lover of mankind was a rich man who had that very year given all his wealth to the poor. So they gave him the plate of gold, but when he took it in his hand, it turned to worthless lead, though, when he dropped it in his amazement on the floor, it became gold again.

For another year claimants came, and the priests awarded the prize three times. But the same thing happened, showing that God did not consider these men worthy of the gift.

Meanwhile a large number of beggars came and lay about the temple gate, hoping that the claimants who came would give them alms to prove they were worthy of the golden plate. It was a good time for the beggars, because the pilgrims gave them plenty of money; but they gave them no sympathy, not even a look of pity

At last a simple peasant, who had heard nothing about the plate of gold, came. He was so touched by the sight of the miserable beggars that he wept. When he saw a poor blind and maimed wretch at the temple gate, he knelt at his side and took his maimed hands in his and comforted him with kind words. When this peasant came to the temple, he was shocked to find it full of men boasting of their kind deeds and quarrelling with the priests. One priest, who held the golden plate in his hand, seeing the peasant standing there, beckoned to him. The peasant came, and knowing nothing about the plate, took it in his hands. At once it shone out with three times its former splendour, and the priests said, “Son, the gift is yours, for you love best.”

 Q.I. Who was the plate of gold meant for?

 Q.II. It took the priests one year to decide who the plate of gold was to be awarded to. Why

did they choose that man?

 Q.III. What happened when that man took the plate of gold?

 Q.IV. What happened when the peasant took the plate of gold?

 B) Although Louis Braille died when he was forty three years old, he succeeded in devising a system of reading and writing for the blind which is now taught all over the world.

Braille lost his sight accidentally as a child. Nevertheless, he was able to complete his education at a school for the blind in Paris and became a teacher. In his day, the few books that were available for blind people were printed in big, raised type: the letters used were those of the ordinary alphabet. The reading of such books required immense effort. Not only that, writing was almost impossible for a blind person. It was still restricted to an alphabet which was extraordinarily difficult to reproduce on paper. Braille’s idea was to use raised dots instead of raised letters. He evolved a system which made use of only six dots in all. By various combinations of these dots, it not only proved possible to reproduce each letter in the alphabet, but punctuation marks, numbers and musical notation as well. The sensitive fingers of a blind person can travel rapidly over the dots, and there is a small machine, something like a typewriter, which enables the blind to write quickly and clearly.

 Improvements are continually being made on the system, though basically it is the same as that contrived by Braille. A single book in ordinary print runs into several volumes when it is transcribed into dot system. The dots are subjected to a great deal of wear and tear and finally disappear, so that a book becomes useless. A machine has now been invented that dries plastic dots on a paper, instead of impressions in the pages. These dots do not wear out at all. Since it is possible by this means to make use of both sides of a page, books for the blind are now less bulky.

 Braille’s system remains the greatest landmark of all. It has provided a simple means for producing books and even newspapers, and ensured that no blind person needs to spend his life in ignorance as well as darkness.

**1. Give the meaning of each as used in the passage.**

1) immense 2) to reproduce 3) wear and tear 4) bulky

**2. Answer the following questions in your own words:**

Q.1. Why were reading and writing difficult for the blind before Braille’s invention?

Q.2. How did Louis Braille manage to simplify reading for the blind?

Q.3. How was it possible to represent all the letters of the alphabet by using dots?

Q.4. State two disadvantages of the dot system.

Q.5. Why is Braille’s system considered to be one of the greatest inventions?

**ENGLISH LITERATURE**

Q1. Memorize the poem ‘How pleasant to know Mr. Lear!’. Write the summary of the poem in your own words.

Q2. Read the chapter ‘The Tempest ’. Pick out all the nouns and write their types.

Q3. Read chapter ‘Einstein’s Compass’. Write down all the difficult words and their meanings. Make your own sentences from these words. (Atleast 15 sentences)

Q4. Do the writing Exercise as given on page no. 14 of your English Reader.

**MATHEMATICS**

Q1. Write and learn ‘Things to Remember’ as given on pages 13, 20, 41, 42, 175, 188, 312, 313, 114, 129, 139

Q2. Choose and write the correct answer:-

1. If the cost of 15 pens of the same value is Rs 600, find the cost of 20 pens:

 a. Rs 200 b. Rs 400 c. Rs 800 d. Rs 100

2. A can do a work in 10 days and B can do the same work in 8 days .If A and B work together, then their 1 day ‘s work will be :

 a.(10 + 8) b.$(\frac{1}{10}+\frac{1}{8 })$ c.$ (\frac{1}{10}-\frac{1}{8 })$ d. (10 – 8)

3. A weaver takes 2 days to weave 3 shawls. How many days will he take to weave 15 shawls:

 a. 8days b. 10days c. 18days d. 4days.

4. 8 mechanics can assemble 4 TV sets in 2 days. How many mechanics will assemble 3 TV sets in 2 days:

 a. 4 b 8 c. 6 d. 3

 5. The sum of three rational numbers is -1/5. If two of the numbers are, 3/10 and -2/5 find the third number.
 a)-7/10                 b)-11/10                c)2/3       d) -1/10

6. What is the quotient when a non-zero rational number is divided by its additive inverse.
   a) 0 b) -1 c) 1 d) None of these

7. The sum of 7/-3 and 5/-6 is equal to the product of -5/3 and a number. Find the number.
 a)35/6        b)5/3            c)-25/6          d) 19/10

8. What number should be subtracted from 3/7 to get 5/7.
a) -2/7            b) 2/7             c) 3/5           d) 1/7

9. Simplify it: $3\sqrt{2 }$ x ($\sqrt{2 }$ + 2$\sqrt{2 }$ ) = …………….

 a. 10 b. 12 c. 18 d. 24

10. All rational numbers have multiplicative inverse except \_\_\_\_\_\_\_ .

 a. –1 b. 1 c. 0 d. None of these

Q3. Solve:-

1. Let A = (a, b, c, d, e, f}. Insert the appropriate symbol ∈ or ∉ in the blank space.

 (a) d \_\_ A  (b) y \_\_ A  (c) m \_\_ A
 (d) a \_\_ A  (e) e \_\_ A  (f) x \_\_ A

2. Write the following sets in the set builder form.

(a) A = {2, 4, 6, 8}  (b) B = {3, 9, 27, 81}  (c) C = {1, 4, 9, 16, 25}
(d) D = {1, 3, 5, ......}  (e) E = {4, 6, 8, 9, 10, 12, 14, 15, 16, 18, 20, ......., 52}

3. Write the following sets in the roster form.

(a) A = {x : x ∈ W, x ≤ 5}  (b) B = {x : x ∈ I, -3 < x < 3)
(c) C = {x : x is divisible by 12} (d) D = {x : x = 3p, p ∈ W, p ≤ 3}

4. Which of the following are the examples of an empty set?

(a) The set of even natural numbers divisible by 3.

(b) The set of all prime numbers divisible by 2.

(c) {x : x ∈ N, 5 < x < 6}
(d) The set of odd natural numbers divisible by 2.

(e) B = {O}

5. From the sets given below, identify the equal sets.

 A = {3, 5, 9, 11}         Q = {m, s, t}  B = {8, 9, 1, 13}         R = {o, p, a, z}

 C = {-3, 3}           T = {1, 8, 9, 13} D = {s, t, m}           M = {3, -3}

6. Simplify it:

1. (7X2− 2/3)(7X− 1/2) b) (12X2− 5/6)(12X2 +1)

c) (X +1)(2X+5)(3X−1) d) (3X+0.5)(2X −0.7)

e) (3p2− 2q)(2p− 5) f) (4√x +5)(4√x− 5)

7. The angles of a triangle are in the ratio 5 : 6 : 7. Find the angles of the triangle.

8. Measures of three angles of a triangle are 7x, 3x−5 and 2x −7, Find the value of x and also degree measures of three angles.

9. Frame the formulae for the following statements:

1. Find the cost price C of an article selling at S after a 30% loss.
2. Find the profit percentage P when an article costing Rs x is sold at Rs y.
3. Find the wages w earned by a worker in a month(of 30 days), given that he earns

 Rs M per day and he was absent from work for y days.

1. Find the profit percentage p when 12 apples costing Rs x each are sold at Rs y each.
2. A piggy bank contains a number of Rs 5 coins, b number of Rs 2 coins, c number of Re 1 coins, d 50 paise coins and e 25 paise coin. Find the total amount (A) of money in the bank.
3. If the two supplementary angles are in the ratio 2 : 7 find the complement of the small angle.

**PHYSICS**

Q1. Write and learn all the definitions from the chapters ‘Universe’ and ‘Light’.

Q2. Make table for five satellites launched by India.

 The table should have the following heads.

1. Name of the satellite.
2. Date of launch
3. Place of launch
4. Launch vehicle type
5. Its functions

Q3. Record the phases of moon

 Procedure :-

* Go out at night and watch moon carefully.
* Draw its shape, name its shape and take the note of the date.
* Repeat the above two steps after every 2 days.

After one month is over write the number of full moons and new moons that occurred.

**CHEMISTRY**

Q1. Write and learn all the ‘Keywords’ as given on page no. 9 and 23.

Q2. What happens when [ Give balanced chemical equations. Name the reactants and products also]

1. Sodium reacts with water
2. Calcium reacts with water
3. Magnesium reacts with hot water
4. Zinc reacts with steam
5. Aluminium reacts with dil. Sulphuric acid.
6. Iron reacts with hydrochloric acid.
7. Hydrogen reacts with chlorine in presence of diffused sunlight
8. Hydrogen is passed through molten sulphur
9. Lead monoxide is reduced by hydrogen
10. Nitrogen combines with hydrogen in presence of a catalyst

Q3. Carbon dating is the technique used to determine the age of archaeological findings. Find out in detail the process of carbon dating.

Q4. Balance the chemical equations attached with this Homework.

Q5. Write the chemical formula and the chemical name in the sheet attached.

**BIOLOGY**

Q1. A) Explain the life cycle of a butterfly.

 b) Explain the process of budding in Hydra.

 c) Explain the process of fertilization in a plant with the help of a diagram.

Q2. Write and learn all the definitions from the chapters ‘Transportation of food minerals in animals and plants’ and ‘Reproduction, development and growth’.

Q3. Do ques. No. 1 & 2 (Fun to do) as given on page no. 17 of your Biology book.

Q4. Draw a flowchart for the Plant Tissues and Animal Tissues.

**HISTORY**

Q1. Write and learn all the ‘Important Words’ given on page no. 12, 20, 156.

Q2. Picture study as given on Page no. 13, 21, 157, in your History Book.

Q3. Collect data and pictures on the following topic:-

 The famine in Ethiopia (mid – 1980s)

Q4. Do you think that new, advanced medical techniques and facilities are both boon and a bane for India? Give reasons.

Q5. There are many causes responsible for the decline of the Mughal Empire. Do you think the empire would have survived if Aurangzeb had not reversed Akbar’s Rajput policy? Why?

**GEOGRAPHY**

Q1. Write and learn all the definitions from the chapters ‘Measurement of Temp. & Rainfall’, ‘The Solar System’, ‘Weather and Climate’ and ‘Atmospheric Temperature’.

Q2. Do Activity No. J as given on page no. 7 of your Geography book.

Q3. Draw neat and labeled diagrams of:-

1. Six’s maximum and minimum thermometer
2. Rain gauge
3. Various phases of moon
4. Heat zones of the earth

Q4. Activity J (1 & 2) as on page no. 26.

Q5. Activity J on page no. 34.

**COMPUTER SCIENCE**

Q1. What is the difference between a file and a folder.

Q2. Give the procedure to create a new folder in Windows 7.

Q3. What is an Operating System?

Q4. Name the types of Operating System.

Q5. What are the functions of Operating System?

Q6. Differentiate between CUI and GUI?

Q7. Which of the following are multi user as well as multi tasking Operating System?

 Microsoft DOS, Windows 3.11, Windows, Windows 7, Linux, Unix

Q8. Do Practical Assignment no. 7 on pg. 45 of your text book.

Q9. Read Ch. 3 and make a presentation on network.

 Contents :-

1. What is network?
2. Components of network.
3. Types of the network. – (a) LAN (b) MAN (c) WAN
4. What is Internet?
5. Use of Internet.

**GENERAL KNOWLEDGE**

QI. Answer the following questions (current affairs)

1. Who is the chief of the Indian Navy?
2. Name the Noble Prize Winner who died on 18th April 2014.
3. Who is the Chief Justice of India?
4. Who won Femina Miss India 2014?
5. Who won the women T20 World Cup?
6. Who won the T20 World Cup 2014?
7. Who won Pulitzer Prize for “3 Sections a poetry”?
8. Who won the National Award for the best director and the best actor for the film ‘Shahid’?
9. Who is the Interim President of BCCI?
10. Who received Dada Shaheb Phalke Award 2013?

QII Answer the following questions:-

1. Who delivered the famous speech ‘ The light has gone out of our lives…’
2. Who is the only woman chief minister to lead a state government for three consecutive terms?
3. In 1925, who made it compulsory for government officials to wear hats while going to work?
4. What is the national game of Canada during summer?
5. Name the sport in which men and women ride breaking waves toward the shore.
6. Name the cricketer who became the most successful test captain for India in 2013.
7. Where is Laxman Jhula?
8. In which museum is the ‘Mona Lisa’ painting located?
9. Who scored the most number of goals for India for the game hockey at the Olympic Games?
10. Who was awarded the Rajiv Gandhi Khel Ratna Award in 2000?

**VALUE EDUCATION**

Prepare posters by using important quotes or messages and stick them in your notebook in a creative way to make the society aware of the following things:

a. condemning social evils in the society.

b. The harmful effects of using tobacco .

**HINDI**

 

  

 

  

  

  

 

 

  

 

 

  



 

 

 

 

 

 

  

  

  

  

  

**SANSKRIT**

iz”u ƒ& ^ o;a fda dq;kZe\ \* uked ikBa esa ls nks vuqPNsn fgUnh vuqokn lfgr fy[ksaA

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