

**Mount Litera Zee School**

Half Yearly – Revision Test Paper

Subject – IT

Class - VII

1. Write two names of following devices: -
  - i. Input devices: -
  - ii. Processing devices: -
  - iii. Output devices: -
2. Name the ports of computer and their one use.
3. Answer the following questions: -
  - i. Define port.
  - ii. Write two important uses of motherboard.
  - iii. Define Resolution and Pixels.
  - iv. Define BIOS. Where BIOS is stored in the computer?
  - v. Define operating system. Name any two operating systems.
  - vi. Name the software used for creating presentations.
  - vii. What are the different sources of images and sound files to be inserted in the presentation?
  - viii. What are three ways that we can create presentation?
  - ix. Define slide note.
  - x. Define newsletter and its contents.
4. Write steps for the following activities: -
  - i. Inserting custom animation in the text.
  - ii. Inserting images to a word document.
  - iii. Inserting sound in your presentation.
  - iv. Applying designs to your slide.
  - v. List ways to control presentation of your slide.

**HALF YEARLY EXAMINATION**

Std- VII

F.M.- 80 marks

Sub- English

Time- 3 Hours

**Section – A (20 Marks)**

1. Read the passage and answer the following questions:- 10  
Srinivasa Ramanujan was one of the greatest mathematical geniuses of our time. Mathematics filled his life from childhood. As an adult, he was so pre-occupied that he did not stop even to eat. His wife has said that she and Ramanujan's mother used to feed him at meal times so that he could continue writing while he ate.

His colleagues at office urged him to send some of his results to English Mathematicians to evaluate them. On 16 June 1913, Ramanujan wrote to G.H. Hardy of Cambridge University – a letter that was to change both their lives, Hardy showed a colleague Ramanujan's strange letter full of mathematical theorems and formulae. It did not take the long to realise that Ramanujan was a genius. Hardy invited Ramanujan to England to study with him.

Ramanujan arrived at Trinity College in April, 1914. "For the next three years, he pitted his brains against the accumulated wisdom of Europe," Hardy said. At Cambridge, he derived outstanding results in his work. But life in England was not easy, Ramanujan cared more for mathematics than for eating and sleeping. He reportedly would work for long stretched 24 to 36 hours and then would collapse and sleep for 12 or more hours at a time. Being a vegetarian, food also presented additional difficulties. In May of 1917, Ramanujan came down with a mysterious illness. He was so weakened that he returned in 1919 to India, where he died a year later.

Ramanujan left behind three notebooks, with he wrote before results, stated without proofs. He also left behind the papers he published in England; many of which were written in collaboration with Hardy. And he left behind results he discovered during the last year of his life. He mailed many of these results to Hardy. But the papers were never published. Even if Ramanujan collection is incomplete, it has given researchers more that's enough to work on more and more often. Mathematicians are finding that their clever new ideas.

A. Fill in the blanks to complete the following sentence:

(1x8=8)

- Mathematics were \_\_\_\_\_ in Ramanujan's adult years.
- Ramanujan's colleagues \_\_\_\_\_ his study of mathematics.
- G.H. Hardy was \_\_\_\_\_ by Ramanujan's first letter to him.
- At Cambridge, Ramanujan's work in mathematics were \_\_\_\_\_.
- Lack of \_\_\_\_\_ caused his health to suffer in England.
- Mathematicians today realise that Ramanujan \_\_\_\_\_ their clever new ideas.
- Ramanujan left behind \_\_\_\_\_ which he wrote before going to England.
- Ramanujan derived outstanding results in his work \_\_\_\_\_.

B. Fill in the blanks with one word:- (1x2=2)

- Genius means \_\_\_\_\_.
- Collaboration means \_\_\_\_\_.

2. Read the passage carefully (1x5=5)

There is an incident which occurred at an examination during Gandhi ji's first year at the High school. Mr Giles, the inspector,

had come on a visit. He had set up five words as a spelling exercise. One of these words was 'Kettle'. Gandhi Ji had misspelt it. The teacher tried to prompt Gandhi Ji but he would not be prompted. He would not copy the spelling from his neighbour's state. The result was that all the boys except Gandhi Ji were found to have spelt each word correctly. Only e had been stupid, the teacher later tried to bring the stupidity home to him and promoted him to copy it from his neighbour's state without effect. He never could learn the art of copying.

Answer the following questions:- (1x5=5)

- Who was Mr. Giles?
  - Why had Mr. Giles come to school?
  - What task was set by Mr. Giles to the students?
  - What did the teacher do?
  - What was the effect of the teacher's action on Gandhi ji?
3. Read the following poem carefully and answer the following questions below:- (1x5=5)

Not gold, but only man can make  
A people great and strong \_\_\_\_\_  
Men who for truth and honour's sake  
Stand fast and suffer long.  
Brave men who work while others sleep,  
Who dare while others fly \_\_\_\_\_  
They build a nation's pillar deep  
And lift them to the sky.

- What makes a nation great and strong?
- What sorts of men strengthen the foundation of nation?
- Who in the opinion of the poet, are really brave?
- Give the main idea of the poem.
- What do you understand by the following words in the poem?

I. Honour      II. Suffer      III. Dare      IV. Pillar

Section B ( 30 Marks)

4. Write a letter to the club in charge requesting him to discontinue your membership and to refund your security deposit of two thousand rupees explaining why you wish to discontinue with them 5
5. Write an essay in not more than 150 words about your tour to Rajgir you would like to visit again and again. 5
6. Write an autobiography of a pen in not more than 150 words. 4
7. It was a bright day and you were reading a book in your lawn. Suddenly, a man threw a bag in your garden and ran away. You called him out but \_\_\_\_\_  
In about 80\_100 words, complete the story using some of the phrases given below:- 4

Bag looks suspicious, called police, parents concerned, neighbours gathered, bomb squad called, opened the bag, full of old used clothes.

8. Do as directed (1x12=12)
- I. He went to Patna. (Write in present continuous tense)
  - II. Boys play cricket. (change into past indefinite tense)
  - III. Ram was doing his homework. (Present perfect Tense)
  - IV. How long have you tried to solve this sum? (Two hours- Write in present perfect continuous tense)
  - V. I will buy a new pen tomorrow. (Use 'going to')
  - VI. \_\_\_\_\_ is a good exercise. (Walk- use to infinite)
  - VII. I like \_\_\_\_\_ TV in the evening. (fill in the blank with gerund)
  - VIII. Ravi avoided \_\_\_\_\_ medicine as long as he could (use gerund).
  - IX. Dr. Rajendra Prasad was a scholar. (Underline determiner)
  - X. You are first to arrive here. (Insert 'the' where necessary)
  - XI. They come here daily. (use negative form of simple present)

- XII. Student studied here. (Frame a question in simple past tense)

Section – C (30 marks)

9. Read the extract and answer the question. (3x5=15)
- a. We quickened ours accordingly. In about five minutes its hind legs buckled under his body and then it slowly kneeled over and lay on its side.
- I. Who is we?
  - II. What did they quicken and why?
  - III. What lay on its side and why?
- b. Our next plan of action was to ask the enthusiastic villagers for help to locate our patient.
- I. Who was the patient?
  - II. Why did they need help to locate them?
  - III. Which word tells us that the villagers were willing to help?
- c. Words are easy like the wing
- I. Tell the name of the poem from which the line has been taken.
  - II. Whose words is the speaker referring to?
  - III. In what sense are they easy?
10. Answer the following questions in 30\_40 words each (Any Five) (2x5=10)
- a. Why were the whales hunted during the 1800s?
  - b. How did Mocha Tick get its name? What made it widely known?
  - c. What indicates that Rusty was greatly excited when he saw the pool?
  - d. What did the wind do to make the windmill work?
  - e. How was Newton rewarded for his achievement by his country?
  - f. What did the young man tell about the elephant. How did he know it?

11. Answer the following questions in 80\_100 words each  
(Any One) 5 marks
- a. How can we tell that anyone is our friend according to the poet?

Or,

- b. Who were in the team that went to Bishnupur to and why did they go there? Who joined them afterwards?

## REVISION PAPER

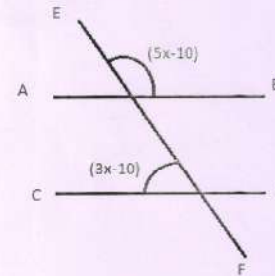
Class – VII

Subject – Maths

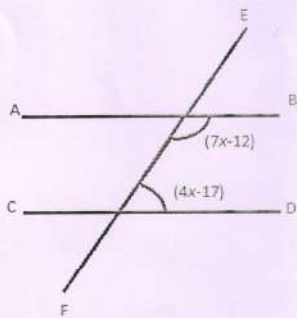
1. Arrange the following rational numbers in the ascending order:

a.  $\frac{3}{5}, -\frac{5}{8}, \frac{2}{7}, -\frac{7}{11}$       b.  $\frac{2}{3}, -\frac{4}{3}, -\frac{6}{3}, -\frac{5}{3}$

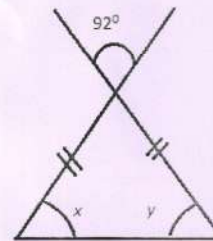
2. Mina subtracted 3 from a number and the result was  $\frac{1}{3}$  less than 1. What was the number?
3. List any three rational numbers between -3 and -4.
4. Two complementary angles are in the ratio 7:11. Find the angles.
5. Two supplementary angles are in the ratio 4:11. Find the angles.
6. The measures of two complementary angles are  $(x+3)^\circ$  and  $(2x-9)^\circ$ . Find the value of  $x$ .
7. In the given figure,  $AB \parallel CD$  and  $EF$  is a transversal intersecting  $AB$  and  $CD$  at  $P$  and  $Q$  respectively. The measures of  $\angle DQP$  is ,



8. In the given figure  $AB$  is parallel to  $CD$  and  $EF$  is a transversal, then  $x =$



9. The ratio of the angles in a triangle are 1:2:5. Determine the measures of the angles.
10. The perimeter of an isosceles triangle is 36.8 cm. The length of the base is two-third of the length of adjacent side. What are the lengths of sides of the triangles?
11. Mina wants to place a ladder from one side of the road to a building. Find the required length of the ladder, if the width of the road is 8m, and the height of the building is 15m.
12. If the base angle of an isosceles triangle is twice that of its vertical angle, then find all the angles of the triangle.
13. A cable wire of length 25m is attached to the top of the building from the bottom of a pole fixed at a distance of 15m from the bottom of the building. Find the height of the building.
14. Julie has twice as many marbles as Saba. If Julie gives Saba 10 marbles, both of them would have the same number of marbles. How many marbles do Julie and Saba have?
15. Solve the following equation:-
  - a.  $4 + 3(x+2) = 31$
  - b.  $5 + (p+2) = 25$
  - c.  $3x + 15 = 2x - 2$
16. In the given figure find the value of  $x$  and  $y$  :-



17. In a right angle triangle, one acute angle is double the other. Prove that hypotenuse is double the smallest side.

Revision paper

Class – VII

Subject – Science

**1. Define terms:**

Photosynthesis, Digestion, Villi, Pseudopodia, shearing, scouring, sericulture, crystallization, conduction, Electromagnet, Average Speed.

**2. Draw well-labelled diagram of following:-**

- a. Root system                      b. digestive system in human being  
c. life cycle of silk moth    d. water cycle  
e. thermos flask and electrical bell  
f. Uniform and non-uniform motion

**3. Give two examples of each:-**

- a. Chemical change                      b. Compound                      c. Saprophytic plants  
d. Insectivorous plants                      e. Symbiotic plants                      f. Parasitic plants  
g. Mixture                      h. Compound                      i. Autotrophic plants  
j. Acid and base

**4. Write the functions of the following:-**

- i. Villi                      ii. Bile juice                      iii. Pancreas                      iv. Saliva                      v. HCl  
vi. Encisor                      vii. Omasum

**5. Differentiate:-**

- i. Compound and Mixture  
ii. Uniform and non-uniform motion  
iii. Xylem and Phloem  
iv. Physical and chemical change  
v. Heat and temperature

6. Give name of organ that help to ingesting food in following animals:- Hydra, Amoeba, Paramecium

**7. Numerical:-**

- a.  $30^{\circ}\text{C}$  to  $^{\circ}\text{F}$   
b.  $113^{\circ}\text{F}$  to  $^{\circ}\text{C}$   
c. Show that  $1\text{km/h} = \frac{5}{18}\text{m/s}$

iv. A bus travelling at uniform speed takes 10 hours to cover a distance of 1200 km. Express its speed in km/h and m/s.

v. A rocket travels at a speed of 15000 m/s. Express this speed in km/h.

**8. Balance the following equation and complete. Also identify reactants and product.**

- i. Copper Sulphate + Iron  $\rightarrow$  \_\_\_\_\_ + \_\_\_\_\_  
ii. Carbon di oxide + Lime water  $\rightarrow$  \_\_\_\_\_ + \_\_\_\_\_  
iii. Calcium Carbonate + Hydrochloric Acid  $\rightarrow$  \_\_\_\_\_ + \_\_\_\_\_  
iv. Iron + Oxygen + Water  $\rightarrow$  \_\_\_\_\_ + \_\_\_\_\_

9. How can you increase the strength of electromagnets?

10. Describe the methods that can be adopted to conserve water.

11. What are the various factors contributing to the depletion of water table?

12. Classified the water depending upon the purity of water.

13. Explain water cycle.

14. Explain the working of thermos flask.

15. What kind of clothes should we wear in summer and winter? Why?

**16. Write a short note on-**

- i. MCB                      ii. Electric fuse

17. Describe the process of silk production.

18. Explain different types of teeth.

(2017-18)

Class : VII  
Subject : S. St.

Full Marks : 80  
Time : 3 hrs.

SET - B  
Section - I

1. What is Calligraphy ? 1
2. What do you mean by epigraphist ? 1
3. What do you mean by statesmanship ? 1
4. Who was the weber carrier who saved the emperor's life ? 1
5. What is insolation ? 1
6. What is the meaning of advection ? 1
7. What do you mean by Ferrel's law ? 1
8. What is doldrum ? 1
9. What is the meaning of ordinary bill ? 1
10. What is Radiation ? 1
11. Write the full form of MLC ? 1

Section - II

(Short answer type of questions)

12. Mention and explain any three sources History. 3
13. Give a brief account of the Mughal Court in Akbar's time ? 3
14. Discuss and mention the administration on revenue system of Sher Shah Suri ? 3
15. What are the chief function of a Presiding Officer ? 3
16. What is the role of an MLA in a legislature ? 3
17. What is temperature and how is it measured ? 3
18. Give difference between land and sea breeze. 3
19. What are horse latitude ? 3
20. There is a permanent high pressure belt the poles. Give reasons. 3
21. How are weather forecasts useful for a fisherman, a Bormen and a football player. 3

Section - III

(Long answer type of questions)

21. Explain any five important literacy records of History. 5
22. Give an account of Akbar's conquests, the extent of his empire and policies that made him the most successful Mughal empire. 5 his
23. Draw a neat and well labelled diagram to show the heat zones of world write about each heat zone in detail. 5 the
24. Name the four pressure belt of the world. Explain how they are to the prevailing winds. 5 related
25. What are the powers of the governor of a state. 5
26. Write any five qualifications fore membership to the state Legislative Assembly. 5
27. Who appoints the council of Ministers ? What are their functions. ? 5

Section - IV

(Mapping Question)

28. Level the following places in India Map. (Akbar's Empire)  
(a) Mewar (b) Surat  
(c) Panipat (d) Agra