

**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Biology**

**F.M-80**  
**Time: 2 hrs.**

**SECTION A [40 MARKS]**  
**ANSWER ALL QUESTIONS FROM THIS SECTION**

- Q1a. Define the following terms: [5]
1. Adolescence
  2. Stress
  3. Reproduction
  4. Nerve
  5. Reflex action
- b. State the exact location of: [5]
1. Thyroid gland
  2. Adrenal gland
  3. Uterus
  4. Cowper's gland
  5. Spinal cord
- c. State any one function of each of the following: [5]
1. Testes
  2. Optic nerve
  3. Fallopian tube
  4. Auditory nerve
  5. Motor nerve
- d. Differentiate between members of each of the following pairs with reference to what is asked in brackets: [5]
1. Cranial nerves and spinal nerves {no. of nerves}
  2. Spinal cord and cerebrum [Arrangement of nerve cells]
  3. Budding and regeneration [definition]
  4. Endocrine glands and exocrine glands [chemical secreted]
  5. Olfactory nerve and spinal nerves [Function]
- e. Complete the following statements: [10]
1. Medulla oblongata controls ----- actions.
  2. Gestation in human lasts for ----- days.
  3. The testes are located within the -----.
  4. Internally, the uterus opens into by -----.
  5. Cortisone hormone is secreted by -----.
  6. Insufficient secretion of ----- hormone causes diabetes mellitus.
  7. ----- gland is located behind the stomach.
  8. The smell of good food causes watering of mouth is a ----- reflex.
  9. ----- receive the stimulus from sense organs.
  10. ----- chemical is responsible for the transmission of message from one neuron to the other neuron.
- f. Identify whether the following action is a "natural reflex" or "Acquired reflex". [10]
1. Peristalsis
  2. Typing on the keyboard of a computer.
  3. Looking left and right before crossing the road.
  4. Playing a musical instrument.
  5. Coughing
  6. Sneezing

7. Blinking of eyes
8. Knee jerk by a new born baby
9. Predators mistake the hoverfly for a wasp due to similar markings.
10. Standing up when the teacher enters the class-room.

**SECTION B [40 MARKS]**

**ANSWER ANY FOUR QUESTIONS FROM THIS SECTION**

- Q2a. Briefly discuss any four activities which can be practiced to overcome stress. [4]
- b. Why is pituitary gland called the “master gland”? [1]
- c. Draw a well- labeled diagram of: [5]
1. A nerve cell
  2. Human sperm
- Q3a. Briefly describe the structure of the neuron in human and mention its functions. [4]
- b. With the help of a suitable example, describe reflex action. [4]
- c. State two differences between “Nervous co-ordination” and “chemical co-ordination”. [2]
- Q4a. Name the source and the function of each of the following hormones: [5]

S.no.	Hormone	Source	Function
1	Glucagon		
2	Adrenaline		
3	Insulin		
4	Cortisone		
5	Thyroxine		

- b. Given below is a section of the female reproductive system in human beings. Study the same and answer the questions that follow: [5]

- i. Name the parts labeled 1 to 4.
- ii. The part where fertilization occurs in the female reproductive system.
- iii. Name any two sex hormones.
- iv. The tiny female sex cell that unites with a male sperm to form a zygote is known as -----
- v. Define “puberty”

- Q5a. Explain any three physical changes that occur during adolescence in boys and girls respectively. [3]
- b. Briefly write about the importance of personal hygiene during adolescence. [3]
- c. Draw a well labeled diagram of: [4]
1. Hydra
  2. Binary fission in Amoeba.
- Q6a. Name the three major divisions of the human nervous system and the three different kinds of neurons. [3]
- b. A person walks clumsy after consuming alcohol. Give reason. [1]
- c. Describe the human male reproductive system [5]
- d. Simple goiter a disease is often found in the people of hilly regions. Why? [1]



**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Chemistry**

**F.M-80**  
**Time: 2 hrs.**

Section A (40 Marks)

All questions are compulsory

1. Name the following [1X5=5]
  - a) Discoverer of Electron.
  - b) Protons & Neutrons collectively known as.
  - c) Total no of electrons in N-Shell.
  - d) Formula of Ammonium Sulphate
  - e) The Formation of gas bubbles in a liquid during a reaction.
  
2. (A) Classify the following reactions as  
Combination, Decomposition, displacement, Precipitation and Neutralisation. [1X5=5]
  - a)  $\text{CaCO}_3 \xrightarrow{\Delta} \text{CaO} + \text{CO}_2$
  - b)  $\text{NH}_3 + \text{HCl} \rightarrow \text{NH}_4\text{Cl}$
  - c)  $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$
  - d)  $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$
  - e)  $\text{NaOH} + \text{HCl} \rightarrow \text{NaCl} + \text{H}_2\text{O}$

(B) Write the molecular formula of the following.

  - a) Potassium Dichromate
  - b) Aluminium Phosphate
  - c) Magnesium Bisulphite
  - d) Iron(II) chloride
  - e) Barium nitride
  
3. Correct the false statement. [1X5=5]
  - a) The number of protons in the nucleus of an atom is called its mass number.
  - b) A balanced equation is called as skeletal equation.
  - c) The substance taking part in a reaction is called Products.
  - d) The chemical reaction in which heat is given out is called endothermic reaction.
  - e) Precipitation is a kind of displacement reaction.
  
4. Balance the following chemical equation: [1X5=5]
  - a)  $\text{Al}_2\text{O}_3 + \text{HCl} \rightarrow \text{AlCl}_3 + \text{H}_2\text{O}$
  - b)  $\text{ZnO} + \text{NaOH} \rightarrow \text{Na}_2\text{ZnO}_2 + \text{H}_2\text{O}$
  - c)  $\text{Na} + \text{O}_2 \rightarrow \text{Na}_2\text{O}$
  - d)  $\text{C}_2\text{H}_6 + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$
  - e)  $\text{K} + \text{H}_2\text{O} \rightarrow \text{KOH} + \text{H}_2$
  
5. Define the following term. [1X5=5]
  - a) Valence shell
  - b) Molecular formula
  - c) Photochemical reaction
  - d) Catalyst
  - e) Synthesis
  
6. a) Differentiate (two Point) [2X2=4]
  - i) Atomic Number & Mass Number.
  - ii) Balanced equation and unbalanced chemical equation.

b) Give two examples of amphoteric oxide [1]

7. a) What do you observe when an acid is added to a basic solution. Give example. [2]  
 b)  $\text{N}_2 + 3\text{H}_2 \xrightarrow[\text{Fe/MnO}_2]{450^\circ\text{C}} 2\text{NH}_3 + \text{Heat}$  [2]  
 What information do you get from this equation.  
 c) Write the colour of Methyl orange indicator in acidic and basic solution. [1]

Section B (Optional)

Attempt only 4

1. a) Draw the atomic structure diagram of oxygen ion. [2]  
 b) Explain the law of conservation of mass with the help of an example. [2]  
 c) What do you observe when dilute sulphuric acid is added to barium chloride solution [2]  
 d) Give one example which illustrates the change of colour of a chemical reaction [2]  
 e) How will you obtain Zinc Chloride from Zinc. [2]
2. a) Define Neutralisation reaction with the help of an example. [2]  
 b) What do you observe when ammonia is brought in contact with hydrogen chloride gas. [2]  
 c) A person suffering from acidity is advised to take an antacid. Give reason. [2]  
 d) Define endothermic and exothermic reactions. Give one example of each. [2]  
 e) what happens when magnesium ribbon is burnt in oxygen. [2]
3. a) How will you obtain silver chloride from silver nitrate. [2]  
 b) What are oxides? give one example of acidic oxides. [2]  
 c) What do you observe when few pieces of iron are dropped in a blue solution of copper sulphate. [2]  
 d) Differentiate chemical reaction and chemical bond. [2]  
 e) Write two limitations of a chemical equation. [2]
- 4.a) What are the ways by which a chemical equation can be made more informative. write any four ways. [2]  
 b) The atoms of an element is made up of 14 protons, 14 electrons & 14 neutrons. what is its mass number and atomic number? [2]  
 c) What do you observe when ferrous sulphate solution is added to an aqueous solution of sodium hydroxide? [2]  
 d) Name two biochemical catalyst found in the human body. [2]  
 e) How do pressure help in bringing about a chemical change. Explain with suitable example. [2]
5. a) Write the reactivity series of metals. [2]  
 b) Write two important applications of neutralization in our daily life. [2]  
 c) How will you obtain Nitrogen Dioxide from lead nitrate. [2]  
 d) what do you observe when phenolphthalein is added to sodium hydroxide solution. [2]  
 e) Write the missing reactants and products. [2]  
 i)  $\text{NaOH} + \text{_____} \rightarrow \text{NaCl} + \text{_____}$  [2]  
 ii)  $\text{_____} + \text{H}_2\text{SO}_4 \rightarrow \text{K}_2\text{SO}_4 + \text{_____}$

**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Computer Applications**

**F.M-60**  
**Time: 2 hrs.**

**General Instructions**

- This question paper is divided into two sections.
- Attempt all questions from Section A and any four questions from section B.
- The intended marks for questions or parts of questions are given in brackets [ ].

**Section A (20 Marks)**  
**Attempt all questions.**

**Question 1 Fill in the blanks: (10x1=10)**

- (a) .....apps do not need web access and run independently on a computer.
- (b) Reddit is a Social Networking site which is also called a ..... app.
- (c) ..... is a networking app specializing in the sharing of business and professional information.
- (d) An algorithm should involve ..... number of steps to reach a solution.
- (e) The ..... box is used for checking or applying any condition in the program.
- (f) In a flowchart, ..... indicate the sequence of steps and the direction of flow.
- (g) Microsoft renamed SkyDrive as One Drive on .....
- (h) Resources are centralized amongst the various branches of an organization in a ..... cloud.
- (i) Microsoft offers ..... free storage space to all its One Drive users.
- (j) By default, One Drive displays the files and folders in the form of .....

**Question 2 State whether the following statements are True or False and also if false then correct the statement. (5x1=5)**

- (a) The general direction of flow in any flowchart is from bottom to top or from right to left.
- (b) An algorithm is a pictorial representation of steps to get the solution of a problem.
- (c) Education app to watch a movie, catch up on your TV serial or sports.
- (d) Cloud computing provides a reliable recovery mechanism to deal with failures.
- (e) In Cloud computing, a consumer has to pay a fixed amount even if the cloud services are not being used.

**Question 3 Define the following terms: (5x1=5)**

- (a) BHIM
- (b) Money Control
- (c) One Drive
- (d) Picasa
- (e) Processing Box

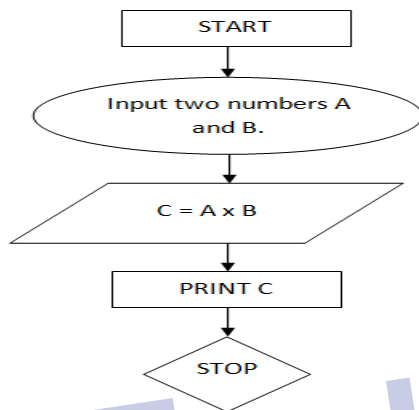
**Section B (40 Marks)**  
**Attempt any four questions from this section.**

**Question 4** **(10)**

- (a) Explain the importance of Educational Apps. [2]  
 (b) Sneha and her parents are planning to go for a movie. She wants to book the tickets online. Which app she can make use of to do the same? [2]  
 (c) What are the difference between Hybrid apps and Native apps? [3]  
 (d) How can you download and install an app from the Google Play Store? [3]

**Question 5** **(10)**

- (a) What is **On Page Connector** and **Off Page Connector**? [2]  
 (b) Correct the given flowchart symbols: [2]



- (c) What is an algorithm? Write any three characteristics of an algorithm. [3]  
 (d) Define the term flowchart and all symbols with their functions. Write any two advantages of a flowchart. [3]

**Question 6** **(10)**

- (a) Write any two advantages and disadvantages of cloud computing. [2]  
 (b) Which type of cloud is provisioned for use by a group of consumers from different organizations who share the same concerns? [2]  
 (c) How can you upload a file on One Drive. [3]  
 (d) Explain the characteristics of cloud computing. [3]

**Question 7** **(5x2=10)**

- (a) Write an algorithm to input three subject marks and find the total marks and average marks.  
 (b) Write a flowchart to input cost price and selling price of an article. And check whether it is profit or loss. If profit than find and print **profit percentage** otherwise find and print **loss percentage**.

**Question 8** **(5x2=10)**

- (a) Write an algorithm to input a year. Check and display whether the given year is **Leap year** or **not a Leap year**.  
 (b) Write a flowchart to input three numbers and find the smallest number among three numbers.





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**Class: VIII**  
**Sub:- English Language**

**F.M-80**  
**Time: 2 hrs.**

- Que. 1. Write a composition of about 250 words on any one of the following topics. (20)
- a. A railway platform provides a wonderful opportunity to study human behaviour. Describe an experience when you were early for a train and had to spend some time on the platform with different kinds of people.
  - b. Write a short story that brings out the truth of the statement 'Failures are our best teachers'.
  - c. The traditional Gurukul system of learning was better than the present education system. Give your views for or against the topic.

Que. 2. Write a letter to your friend describing an important person's visit to your school. (10)

Que. 3 Read the passage given below and answer the questions that follow.

Sita went to her grandfather and sat down beside him. 'When you are hungry, tell me. I will make the bread,' she said. 'Is your grandmother asleep?'

'Yes, but she will wake up soon. The pain is deep.'

The old man stared across the river, at the dark green of the forest at the leaden sky, and said, 'If she is not better by morning, I will take her to the hospital in Shahganj. They will know how to make her well. You may be on your own for two or three days. You have been on your own before.'

Sita nodded gravely- she had been alone before; but not in the middle of the rains with the river so high. But she knew that someone must stay behind. She wanted grandmother to get well and she knew that only grandfather could take the small boat across the river when the current was so strong. Sita was not afraid of being left alone but she did not like the look of the river.

That evening it began to rain again. Big pellets of rain were scarring the surface of the river. But it was warm rain and Sita could move about in it. She was not afraid of getting wet, she rather liked it. In the previous month, when the monsoon shower had arrived, washing the dusty leaves of the tree and bringing up the good smell of the earth, she had exulted in it, had run about shouting for joy. She was used to it now, even a little tired of the rain, but she did not mind getting wet. It was steamy indoors and her thin dress would soon dry in the heat from the kitchen fire. She walked about barefooted, barelegged. She was very sure on her feet. Her toes had grown accustomed to gripping all kinds of rocks, slippery or sharp, and though thin, she was surprisingly strong.

Black hair streaming across her face. Black eyes. Slim brown arms. A scar on her thigh: when she was small, visiting her mother's village, a hyena had entered the house where she was sleeping, fastened on to her leg and tried to drag her away but her screams had roused the villagers and the hyena had run off.

She moved about in the pouring rain, chasing the hens into a shelter behind the hut. A harmless brown snake, flooded out of its hole, was moving across the open ground. Sita took a stick. Picked up the snake with it and dropped it behind a cluster of rocks. She had no quarrel with snakes. They kept down the rats and the frogs. She wondered how the rats had first come to the island-probably in someone's boat or in a sack of grain.

- a. Find words from the passage that mean: (4)
- i. seriously
  - ii. used to something
  - iii. attached
  - iv. holding tightly

b. Describe Sita in your own words. (Your answer must not exceed 50 words.) (5)

- c. Answer the following questions briefly in your own words: (10)
- i. Why was Sita willing to stay alone?
  - ii. What had made Sita enjoy the first monsoon shower?
  - iii. Why did Sita have a scar on her thigh?
  - iv. Which word in the passage tells us that Sita did not need to fear the snake?
  - v. Why did she think that snakes were useful?
- Que. 4. A. Fill in the blanks with the correct form of the verbs given in brackets. (5)
- i. She \_\_\_\_\_ classes to improve her dancing. (attend).
  - ii. These days Madhu \_\_\_\_\_ dress designing at the National Institute of Fashion Technology. (learn)
  - iii. Your eyes are red. \_\_\_\_\_ (cry)
  - iv. The time is almost over. The bell \_\_\_\_\_ (ring)
  - v. If the situation turns violent, the police \_\_\_\_\_. (open fire)
- B. Fill in the blanks with suitable prepositions. (3)
- i. There is a bus stop \_\_\_\_\_ the end of the road.
  - ii. We will be shifting to our new house \_\_\_\_\_ two weeks.
  - iii. \_\_\_\_\_ the storm comes the calm.
  - iv. I like stories \_\_\_\_\_ happy endings.
  - v. What are you thinking \_\_\_\_\_?
  - vi. I sent you that message just \_\_\_\_\_ fun.
- C. Rewrite the following sentences by replacing the underlined words with an infinitive. Make any other changes that are necessary. (5)
- i. I was delighted when I got those Nike shoes.
  - ii. Mrs. Jha was the only member who liked my proposal.
  - iii. I wondered how much I should pay for that old car.
  - iv. Mother promised me that she would bring me some chocolate.
  - v. Johnson was the first person who reached the finishing line.
- D. Join the following pairs of sentences using infinitives or participles as required. (8)
- i. They will get the news. They will be irritated.
  - ii. We lost the match. We were disappointed.
  - iii. The rope was very short. It couldn't reach the bottom.
  - iv. She showed me her paintings. She was happy.
  - v. Jim saw a snake. He began to shout.
  - vi. I felt tired. So I went to bed early.
  - vii. He lifted the receiver. He dialled the number.
  - viii. Sumi was in the hotel. She was having her dinner.
- E. Rewrite the sentences in the passive form. (5)
- i. His friends gave him a present.
  - ii. We informed the police.
  - iii. Somebody picked my pocket yesterday.
  - iv. Somebody is tapping our phone.
  - v. We were renovating the living room.
- F. Rewrite these sentences in the active form. (5)
- i. A picture is being painted by him.
  - ii. A wonderful story was told by him.
  - iii. Let the door be shut.
  - iv. By who are you taught?
  - v. A dentist examined her teeth.



**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- English Literature**

**F.M-80**  
**Time: 2 hrs.**

Q1. Give the meanings of:- (15x1=15)

conscriptions, overwhelmed, reproach, dimensions, murmur, scornfully, staggered, anxiously, primate, console, homing, instinct, tandem, varying, antics, unanimity.

Q2. Explain the sentences: (10x2=20)

- i. It's like a declaration of war.
- ii. And this is my country as much as it is yours.
- iii. No need for Mohan to announce, "Amma, it's the police
- iv. Revealing its rish inner self.
- v. My last class in French.
- vi. The salmon uses its homing instinct.
- vii. I hope our views may reach proximity.
- viii. Our ivory unkuote his hair.
- ix. To quench and spur his appetite.
- x. For we will live or die together.

Q3. Give answers in brief:- (10x1=10)

- i. Which animal shows the remarkable memory?
- ii. Which animal gives evidence of logic?
- iii. Which is the most advanced of all?
- iv. Which animal goes beyond logic to show judgement?
- v. When did Quit India movement begin?
- vi. What things change each day as the beed unfold?
- vii. What is the first reading of a poem compared to?
- viii. When are we actually surprised about the poem?
- ix. What did the letter that mohan and the crowed carried contain?
- x. List some of the qualities of human beings stated by animals.

Q4. Answer the following:- (6x3=18)

- i. What was the aim of the Germans in issuing the order of ruling in France?
- ii. What had actually happened at the school?
- iii. Write the theme of the poem ' Unfolding Bud'.
- iv. What was Amma's reaction on seeing Sub-Inspector, Patil?
- v. Are animals not better thinkers than humans?
- vi. What are the allegations put up by the Elephant against the humans?

Q5. Read the extract and answer the following:-

“From a very young age, these animals learn much faster than human babies.”

- i. Whom are we talking about in this extract? (1)
- ii. What are the other abilities that it can learn? (2)
- iii. Who becomes aggressive and dangerous to humans? (1)
- iv. Who is Kanzi? (1)
- v. What other animals are similar to this animal? (1)
- vi. What are Kanzi’s achievements? (2)

Q6. Answer any three of the following: (3x3=9)

- i. Write a short note on Egyptian Vulture.
- ii. What role did Babu and Manju play in the Lesson ‘ The Narayanpur Incident’?
- iii. Give a character sketch of Mohan.
- iv. Briefly describe Mansievr Hamel.





**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Geography**

**F.M-80**  
**Time: 2 hrs.**

**SECTION: A (30 MARKS)**

**Q1.** In the given world map mark the followings: (10)

- a. Circum- Pacific Belt for earthquakes.
- b. Mid world mt. belt for volcanoes.
- c. Bhuj in Gujarat.
- d. Gulf of Kutch
- e. Himalayan Ranges.
- f. Ring of Fire
- g. Japan
- h. Vesuvius and Etna region.
- i. Mt. Kilimanjaro
- j. Daccan Plateau in India.

**Q2. i.** Draw a labelled self- explanatory diagram of a volcano. (5)

ii. Explain the term folding with the help of a diagram. (3)

iii. With the help of a diagram explain Dykes. (3)

**Q3.** Define the followings: (10)

- i. Weathering
- ii. Metamorphism
- iii. Caldera
- iv. Fossil
- v. Morains

**SECTION: B (50 MARKS)**

**Answer any five sets from this part.**

**Q4. a.** Name the two most abundant chemical elements in the earth's crust? (1)

b. What are the properties of extrusive rocks? (any two) (2)

c. Give reason: Why are igneous rocks also called primary rocks. (2)

d. i. Mention two economic significance of rocks. (2)

ii. What is rock cycle? Explain. (3)

**Q5. a.** What is a rock? (1)

b. Mention any two characteristics of sedimentary rocks. (2)

c. Metamorphic rocks are considered good for use as building stone. Why? (2)

d. i. Distinguish between Acid Igneous rocks and Basic Igneous rocks. (2)

ii. Sedimentary rocks are also called stratified rocks. Why? (3)

- Q6. a. What are volcanoes? (1)  
b. Mention two different types of volcanic eruptions. Explain any one. (2)  
c. What is a fissure volcano? (2)  
d. i. Mention any four products of volcanic eruption. (2)  
ii. Volcanic activity is common in earthquake regions. Why? (3)
- Q7.a. Mention the two major belts of active volcanoes. (1)  
b. Which region is called “ The Ring of Fire “? Why is it called so? (2)  
c. Mention two destructive effects of volcanoes. (2)  
d. i. Distinguish between volcanic cone and volcanic plateau. (2)  
ii. How is a crater formed? Explain. (3)
- Q8.a. What do you mean by earthquake? (1)  
b. Mention any four causes of earthquakes? (2)  
c. What are tectonic earthquakes? (2)  
d. i. Mention any two constructive effects of earthquakes. (2)  
ii. Explain tsunami and its effects. (3)
- Q9.a. Mention one feature of Primary waves. (1)  
b. Explain the anthropogenic factors of an earthquake. (2)  
c. What do you mean by the epicenter and focus of an earthquake. (2)  
d. i. What is flash flood? (2)  
ii. Folding and Faulting is one of the main causes behind earthquakes. Give reasons. (3)



**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Hindi Language**

**F.M-80**  
**Time: 2 hrs.**

1. निम्नलिखित विषयों में से किसी एक पर लगभग 200-250 शब्दों में लिखें।
  - क) बरसात का एक दिन
  - ख) आवश्यकता ही अविष्कार की जननी है।
  - ग) परहित सरिस धर्म नहीं भाई
  
2. निम्नलिखित में से किसी एक विषय पर पत्र लिखें।
  - क) विद्यालय के मुख्य द्वार पर बैठे खोमचेवाले की शिकायत करते हुए प्रधानाचार्य को पत्र लिखें।
  - ख) अपने मित्र को बड़े भाई के विवाह में सम्मिलित होने के लिए निमंत्रण पत्र लिखें।
  
3. निर्देशानुसार वाक्य लिखें :-
  - क) मैंने पत्र लिखा। (रेखांकित शब्द को प्रेरणार्थक क्रिया में बदलें)
  - ख) छात्र पढ़ता है। (अध्यापक शब्द लगा कर प्रेरणार्थक क्रिया बनायें)
  - ग) मैं प्रातः-काल घुमने जाता हूँ। (भविष्यत काल में बदलें)
  - घ) डॉक्टर ने रोगी को लिपवाकर देखना शुरू किया। (प्रेरणार्थक क्रिया के भेद के नाम)
  - ङ) चार दिनों से लगातार वर्षा हो रही थी। (भूतकाल के भेद लिखें)
  - च) कोई छात्र यहाँ रहता है। विशेषण के भेद लिखें।
  - छ) एक नई जीवन शैली अपना वर्चस्व स्थापित कर रही है। (सर्वनाम के भेद लिखें)
  - ज) हाँ, अब मुझे \_\_\_\_\_ याद आ रहा है। (पुनरुक्त सर्वनाम लिखें)
  - झ) उसने \_\_\_\_\_ रूप से कहा। ('मुख' का विशेषण भरें)
  - ञ) जो जैसा करेगा वो वैसा पायेगा। (सर्वनाम के नाम लिखें)
  
4. निम्नलिखित शब्दों के विलोम लिखें :- [5]

श्री गणेश , विधवा , स्वाधीन , शुद्ध , धनी ।
  
5. निम्न वाक्यांश के लिए एक शब्द लिखें :- [5]
  - क) जो शरण में आना चाहता हो
  - ख) जो शास्त्र जनता हो
  - ग) शक्ति के अनुसार
  - घ) राजनीति जानने वाला
  - ङ) जो भूमि उपजाऊ हो
  
6. निम्न शब्दों के अर्थ स्पष्ट करें :- [5]

अपेक्षा –उपेक्षा , अवधि – अवधी , आदि – आदी , आलि – अलि , कृत – क्रीत ।
  
7. निम्न शब्दों के दो-दो पर्यायवाची शब्द लिखें :- [5]

सूरज , कमल , पृथ्वी , तालाब , श्रृंगार ।

8. निम्न मुहावरों में से किन्हीं चार का अर्थ स्पष्ट करते हुए वाक्य निर्माण करें :- [8]  
उड़ती चिड़िया पहचानना , एक लाठी से हांकना , कलेजे पर साँप लोपना , ढो कौड़ी का आपमी , खरी-खोपी सुनाना ।
9. निम्नलिखित वाक्यों से क्रिया-विशेषण छांटकर उनके भेद लिखें :- [4]  
क) वह धीरे-धीरे चल रही है ।  
ख) आज वर्षा हो सकती है ।  
ग) मेरा घर मन्दिर के निकट है ।  
घ) वह अचानक गायब हो गया ।
10. क्रिया-विशेषण किसे कहते हैं ? उदाहरण दें । [2]
11. भविष्यत काल के भेद उदाहरण देकर लिखें । [4]
12. नीचे दिए गये गद्यांश को ध्यान से पढ़िए और दिए गये प्रश्नों के उत्तर अपने शब्दों में लिखें :- 10]

### अपठित गद्यांश

राबर्ट ब्रूस स्कॉटलैंड के नेता थे । उनके देश में अंग्रेज राज्य करते थे और वह अपने देश को उनकी दासता से मुक्त करना चाहते थे । इसलिए वे उनके विरुद्ध लड़े , परन्तु हार खाई । अपनी जान को बचाकर वे युद्ध भूमि से भाग खड़े हुए और एक गुफा में जाकर शरण ली । उस गुफा में वे बहुत दास थे । वे चाहते थे कि लड़ाई का मार्ग छोड़ दें और अंग्रेजों की दासता स्वीकार कर लें । अब वह लड़ाई अपने वश से बाहर की बात समझते थे । जिस समय वे यह बात सोच ही रहे थे कि उसी समय उन्होंने एक मकड़ी को गुफा की छत से नीचे गिरते हुए देखा । साथ ही यह भी देखा कि मकड़ी के जाल से नीचे तक एक सुंदर सा चमकीला धागा भी लटक रहा था । मकड़ी पीवार के सहारे, ऊपर अपने जाल तक पहुँचने का बार-बार प्रयास कर रही थी । परन्तु बार-बार उसे असफलता का मुँह देखना पड़ता था । इस पर भी उसने हिम्मत नहीं हारी और बार-बार प्रयत्न करती रही ।

राबर्ट ने यह समझा कि मकड़ी अब प्रयत्न करना छोड़ देगी , क्योंकि बार-बार की असफलता ने उसे थका दिया था । परन्तु उनके आश्चर्य की सीमा न रही जब उन्होंने देखा कि मकड़ी ने साहस नहीं छोड़ा और वह बार-बार ऊपर चढ़ने का प्रयास अब भी कर रही थी । अंत में वह सफल हुई और छत पर अपने जाल तक पहुँच गई । इस बात का राबर्ट पर बड़ा प्रभाव पड़ा । उनका हृदय उत्साह और साहस से भर गया । उन्होंने सोचा कि मकड़ी के समान वह एक बार फिर अपने देश को स्वतंत्र करने का भरपूर यत्न करेंगे । उन्होंने फिर सेना इकट्ठी की और अंग्रेजों के विरुद्ध लड़े । इस बार वे जीत गये और अपने देश को स्वतंत्र कर ही लिया ।

एक नन्हे से कीड़े से उनको मिली शिक्षा 'बार-बार करो' से उनके जीवन और देश के भाग्य को बदल दिया ।

### प्रश्न :-

- क) राबर्ट ब्रूस कौन थे?  
ख) उस समय उनके देश पर किनका राज्य था और राबर्ट ब्रूस अपने देश के लिए क्या करना चाहते थे?  
ग) युद्ध क्षेत्र से वह क्यों भागे और कहाँ जा छिपे?  
घ) गुफा में उन्होंने क्या देखा?  
ङ) उस दृश्य को देखकर उनके मन पर क्या प्रभाव पड़ा?

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नीचे दिए गये प्रश्न- समूह से आठ प्रश्नों के उत्तर देना □ निवार्य है ।

1. गुरूदेव ने □ गर कह न दिया होता तो मुझे उसका करुण भाव एकदम नहीं दिखता । मेरा □ नुमान था कि मैना करुण भाव दिखाने वाला पक्षी है ही नहीं । [10]
  - i. मैना दंपति □ पना घोंसला बनाने के लिए क्या-क्या करते थे ?
  - ii. मैना के मुख पर छाए करुण भाव के बारे में लेखक ने क्या □ नुमान लगाया ?
  - iii. गुरूदेव ने मैना के बारे में क्या कहा ?
  - iv. घोंसला बनाने की प्रक्रिया में मैना दंपति किस प्रकार □ पनी खुशी प्रकट करते हैं ?
  - v. संधि-विच्छेद करें :- सहानुभूति , □ धिकांश ।
2. गुरूदेव ने हम लोगों की ओर देखकर कहा, “ देखा तुमने, ये आ गये ! कैसे इन्हें मालूम हुआ कि मैं यहाँ हूँ, आश्चर्य है! और देखो , इनके चेहरे कैसी शांति दिखाई दे रही है ।” [10]
  - i. गुरूदेव ने ये शब्द किसके लिए और क्यों कहे ? देखा तुमने , ये आ गये ?
  - ii. कुत्ता गुरूदेव के पास कैसे पहुँच गया ?
  - iii. कविवर द्वारा लिखित कुत्ते से सम्बन्धित कविता का भाव क्या था ?
  - iv. कुत्ते के विषय में किस आश्चर्यजनक प्रसंग का वर्णन लेखक ने किया है ?
  - v □ र्थ लिखें :- स्तब्ध , आश्चर्य ।
3. तुम सोचोगी – बाप रे, इतना बड़ा नाम ! चलो, इनका छोटा नाम याद कर लो –  
सी. एफ. सी। [2+2+3+3=10]
  - i. पराबैगनी किरणें कैसे लाभदायक हैं और कैसे हानिकारक ?
  - ii. ओजोन की परत को सुरक्षा-कवच क्यों कहा जाता है ?
  - iii. वायुमंडल में कितनी परतें हैं ? इनके नाम लिखें ।
  - iv. वैज्ञानिक किस बात की चेतावनी दे रहे हैं ?
4. तुम सोच रही होगी , ये सी.एफ.सी.रसायन आखिर क्या है और ये आते कहाँ से हैं ? [10]
  - i. वायुमंडल में मुख्य रूप से कौन सी दो गैसें होती हैं और उनका प्रतिशत कितना है ?
  - ii. ओजोन दिवस कब मनाया जाता है ? पल्लवी को ओजोन दिवस की याद क्यों आई ?
  - iii. धरती के बढ़ते तापमान का क्या कारण है ?
  - iv. सी.एफ.सी.रसायन क्या है और ये कहाँ से आते हैं ?
  - v. इस पाठ के लेखक कौन हैं तथा यह किस विधा में लिखी गई है ?
5. रोना और मचल जाना भी,  
क्या आनंद दिखाते थे ,  
बड़े-बड़े मोती-से आँसू  
जयमाला पहनाते थे ? [10]
  - i. रोते समय निकले आँसुओं की तुलना किससे की गई है ? रोना शब्द का प्रयोग किसके लिए किया गया है ?
  - ii. कवयित्री के बच्ची बन जाने का क्या □ र्थ है ?
  - iii. कवयित्री ने □ पना खोया बचपन किस प्रकार पाया ?
  - iv. कवयित्री को □ पना बचपन क्यों याद आ रहा है ?
  - v. □ र्थ लिखें :- शांति , हर्ष ।

6. मैंने पूछा – यह क्या लाई ?  
बोल उठी वह – माँ काओ,  
हुआ प्रफुल्लित हृदय खुशी से  
मैंने कहा – तुम ही काओ।

[10]

- ‘माँ काओ’ से बच्चों की किस आदत का पता चलता है ?
- माँ को बच्चों के साथ बच्चा बनना क्यों  च्छा लगता है ?
- कवयित्री ने बचपन को  तुलित आनंद देने वाला क्यों कहा है ?
- कवयित्री ने बचपन की किन विशेषताओं का वर्णन किया है ?
- दो-दो पर्यायवाची शब्द लिखें :- व्यथा , माँ ।

7. दिग्विजय मनु-सुत निश्चय  
कितना महत्वपूर्ण यह क्षण,  
भेद-भाव विरोध शांत कर  
निकट आये सब देशों के जान।

[2+3+3+2]

- मानव के लिए कौन से क्षण को महत्वपूर्ण कहा गया है ? क्यों ?
- मानव ने किन बंधनों को तोड़ा है और  पनी पहचान कहाँ-कहाँ बनाई है ?
- मानव युगों-युगों से क्या स्वप्न देख रहा है ? वह किस प्रकार पूर्ण हुआ ?
- जीवन पद्धतियों के भेद कैसे एक हो सकते हैं ?

8. नीचे दिए गये पंक्तियों को पाठ के आधार पर पूर्ण करें :-

[10]

- सुबह-सुबह सूरज की धूप सेंकनी चाहिए इससे हमारे शरीर में \_\_\_\_\_ बनता है।
- सबसे  अधिक नुकसान \_\_\_\_\_ रसायनों से हो रहा है।
- ओजोन पृथ्वी से ऊपर करीब \_\_\_\_\_ ऊँची परत में पाई जाती है।
- \_\_\_\_\_  गर धरती पर आ जाँएँ तो जीव-जन्तु तड़पकर मर जायेंगे।
- बचपन बीत जाने से जीवन में \_\_\_\_\_ कमी  नुभव होती है।
- कवयित्री बचपन से \_\_\_\_\_ मांग रही है।
- \_\_\_\_\_ कवयित्री की कुटिया नंदनवन-सी फूल उठी है।
- गुरुदेव \_\_\_\_\_ के सबसे ऊपर के तल्ले में रहने लगे।
- मैना दंपति नियमित रूप से यहाँ \_\_\_\_\_ जमाया करते थे।
- गुरुदेव कुरसी पर बैठे \_\_\_\_\_ की ओर देख रहे थे।

9. निम्नलिखित प्रश्नों के उत्तर दें :-

[10]

- प्रकृति  नुशासन सिखानेवाली सर्वोत्तम पाठशाला है, कैसे ?
- पर्यावरण-संरक्षण के  भाव से होने वाली किन्हीं पांच हानियों का उल्लेख करें।

10. निम्नलिखित के लेखक या कवि परिचय के साथ आशय स्पष्ट करें :-

[10]

- नंदनवन सी फूल उठी  
यह छोटी सी कुटिया मेरी
- ‘जब मैं इस कविता को पढ़ता हूँ तो उस मैना की करुण मूर्ति  त्यंत स्पष्ट रूप में मेरे सामने आ जाती है।’

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**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- History & Civics**

**F.M-80**  
**Time: 2 hrs.**

SECTION –A (HIS)

INSTRUCTIONS –All questions are mandatory.

Mark the Key Words.

- 1) Name the following - 5
1. The Congress leader who was known as the Grand old Man of India.
  2. The nationalist leader who was imprisoned for his explosive articles in KESARI
  3. Ali brothers –
  4. The Rowlatt Act was passed in the year –
  5. Two extremist leaders –
- 2) Explain the following terms – (copy the questions ) - 6
1. The Khilafat Issue
  2. Partition of Bengal
  3. Immediate cause of revolt of 1857
- 3) Write short notes IN 40-50 WORDS – (copy the questions) 6
- a) Simon Commission
  - b) Jallianwala Bagh Massacre
- 4) Identify the picture and answer the following questions – 3

- a) Name the leader.
- b) Name the movement started by him .
- c) Why was it called off ? Explain.

5) Answer in detail –

- Q1. Which movements may be called as Mahatma Gandhi's first experiments with the philosophy of Satyagraha? 4
- Q2. Explain any four reasons for the rise of Assertive Nationalism. 4
- Q3. With references to the causes of the Revolt of 1857, explain– 4
- a) Any two political causes
  - b) Any two economic causes

- Q4. Who is called as the Political Guru of Mahatma Gandhi?  
Mention his two contributions for the freedom struggle. 4
- Q5) Explain any four causes responsible for the rise of Nationalism in India. 4

### SECTION –B (CIVICS)

- 1) Define the following terms – (copy the questions) 5

1. Parliament
2. Impeachment
3. Executive
4. Cabinet
5. Quorum

- 2) Name the following - 4

1. Money bill is only introduced in –
2. First Citizen of the state –
3. Present President of India
4. Active head of the country is called –

- 3) State True/False – (copy the questions)– 3

1. The President is the supreme commander of the defence forces.
2. Dr. Rajendra Prasad was the First President of India.
3. The Vice President holds office for a term of five years.

- 4) Answer the following questions briefly - 12

- Q1. Explain the term ‘collective responsibility ‘.
- Q2. Who has the power to dissolve Lok Sabha?
- Q3. Mention any one Emergency power of President.
- Q4. What happens when a non-confidence motion is passed against the Council of Ministers?
- Q5. Name the three categories of Council of Ministers.
- Q6. Mention one judicial power of the President.

- 5) Answer in detail (any FOUR) –

- Q1. With reference to the President of India, explain –
  - a) Election of president 2
  - b) Two financial powers of President. 2
- Q2. Explain any two methods by which the Parliament ensures ministerial responsibility. 4
- Q3. Prime Minister is the Key Stone of the Cabinet Arch. With this reference explain, any FOUR functions of Prime Minister. 4
- Q4. What qualifications should an individual have, to be the President of India? 4
- Q5. On what grounds the Vice President takes over the office of the President. Explain. 4



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**F.M-80**  
**Time: 2 hrs.**

Question 1.

If you have a handicapped student in your class would you accept him/her readily in your group.  
Does the student have any hesitation to mingle with others in the class? (5+5)

Question 2.

Make a resolution to treat all people equally. What can you do in similar circumstances in future?  
Can you foresee and plan ahead for this? (2+4+4)

Question 3.

What stops you from studying or doing your best? List a few problems that you face in your studies?  
(5+5)

Question 4.

We often ask God to help us to get better results in our exams. Do we sometime expect miracles  
without putting any effort ourselves? (2+8)

Question 5.

Decide on one area regarding your studies that you are going to work on and how you would go about  
it? (5+5)

Question 6.

Who is God to you? Write what you feel about it. (5+5)

Question 7.

Which attitude according to you make (i) studies enjoyable (ii) studies boring and frustrating.  
(5+5)

Question 8.

Complete the following verses:-

- (i) I do not know ..... you are. (2)
- (ii) Birds posses ..... God is their giver. (2)
- (iii) whatever in this world..... Glory. (2)
- (iV) He need only..... is. (2)
- (v) I am the atma ..... of all. (2)



**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Mathematics**

**F.M-80**  
**Time: 2 hrs.**

Section: I is compulsory. Attempt any Four Question from Section II.  
The intended marks for questions or part of questions are given in brackets.

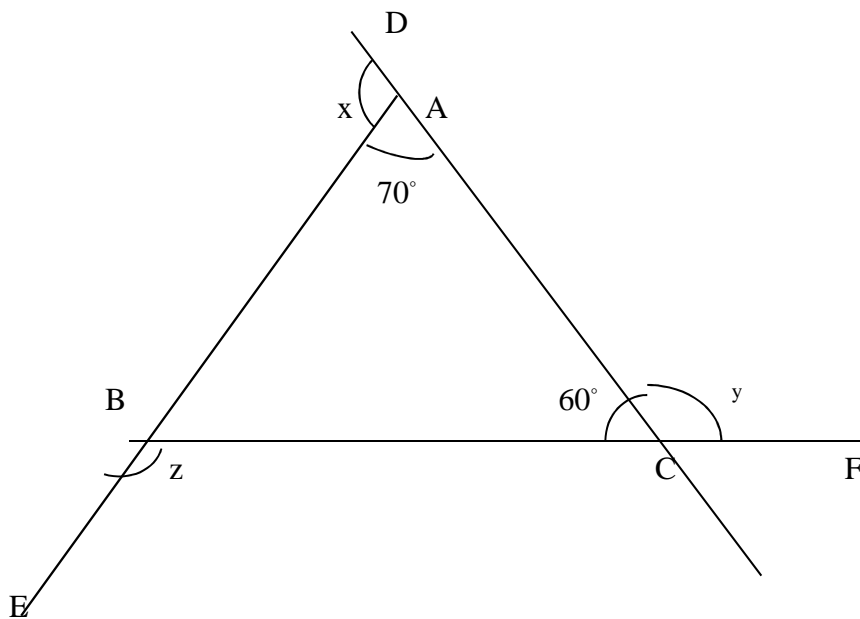
**Section: A (40 Marks)**  
**Attempt All Questions from this Section.**

I) Find:- (2x8=16)

1. The compound interest on Rs. 10,000 at 10% per annum for 2 years.
2. The total rainfall in the month of June if it rained 80mm in first 20 days of June.
3. The product of  $(x + 1)$  and  $(x + 2)$ .
4. The Sum of  $5p^2q^2 + 4pq + 7$  and  $3 + 9pq - 2p^2q^2$ .
5. The length of adjacent sides if the area of a rectangle is  $8x^2 - 45y^2 + 18xy$  and one of its sides is  $4x + 5y$
6. The sum of all interior angles of a 11-sided polygon.
7. The numbers of sides of polygon if each interior angle of a regular polygon is 144.
8. The measure of each angle of the parallelogram if the measures of two adjacent angles of a parallelogram are in the ratio 2:3.

II) Calculate:- (3x8=24)

1. x If the angles of a pentagon are  $x$ ,  $(x-10)$ ,  $(x + 20)$ ,  $(2x - 44)$  and  $(2x - 70)$ .
2. The value of  $97 \times 105$  using a suitable identity.
3. The value of  $a^2 + b^2$  if  $a + b = 7$  and  $ab = 10$ .
4. How long will 5 pipes take to fill the same tank if 8 pipes can fill a tank in 2 hours?
5. The amount and compound interest on Rs. 100000 for 9 months at 4% per annum compounded quarterly.
6. The value of  $x, y$  and  $z$  from this adjoining figure.



7. The cost of 3, 5 and 9 meters of same type of cloth, if the cost of 7 meters of a cloth is Rs. 322.
8. The sum of money when simple interest at  $7\frac{1}{4}\%$  p.a for  $2\frac{1}{2}$  years is Rs. 2356.25.

**Section: B (40 Marks)**

Attempt any Four Question from Section II

I) Using the suitable identities, find the value of the following:-

(2x5=10)

1.  $(98)^2$
2.  $195 \times 205$
3.  $10.3 \times 9.7$
4.  $(3y - 5)(3y - 5)$
5.  $(\sqrt{2}x + \sqrt{3}y)^2$

II)

1. Find the difference between the compound interest and simple interest of Rs.5000 for 2 years at 8% per annum payable yearly. (3)
2. Subtract  $6x(x - y + z) - 3y(x + y - z)$  from  $2z(-x + y + z)$  (3)

3. Explain how a square is-. (4)

- (i) A quadrilateral
- (ii) A rhombus
- (iii) A parallelogram
- (iv) A rectangle

III) 1. In the adjoining figure, ABCD is a rhombus and  $\angle ABC = 50^\circ$ . Find: (3)

- (i)  $\angle CAB$
- (ii)  $\angle BCD$ , and
- (iii)  $\angle ADC$

2. If  $x - \frac{1}{x} = 3$ , then evaluate (i)  $x^2 + \frac{1}{x^2}$  (ii)  $x^4 + \frac{1}{x^4}$  (3)

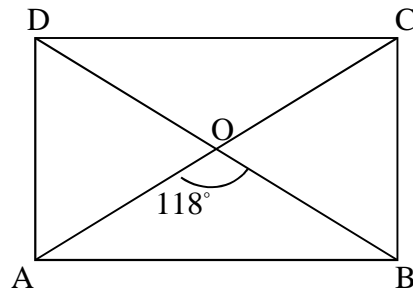
3. A hostel has food for 150 students for 60 days. After 12 days, 30 more student Joined the hostel. How long will the remaining food last? (3)

IV)

1. Divide  $3x^5 + 7x^4 - 11x^3 + 8x^2 - 32x + 5$  by  $2 + 3x + x^2$ . (3)

2. In this adjoining figure, ABCD is a rectangle and diagonals intersect at O. if  $\angle AOB = 118^\circ$ , then calculate the value of :-

- (i)  $\angle ABO$
- (ii)  $\angle ADO$ , and
- (iii)  $\angle OCB$  (3)



3. Kalpana invests Rs. 12000 for 3 years at 10% per annum. Compound interest in H.D.F.C bank Calculate: - (Without using formulae)

- (a) The C.I for the 2<sup>nd</sup> Year.  
 (b) The C.I for the 3<sup>rd</sup> Year.

(4)

V) Simplify:

(2½ x 4=10)

1.  $(\frac{7}{3}a - \frac{5}{3}b)^2 - (\frac{5}{3}a - \frac{7}{3}b)^2$ .

2.  $(5x - 8y)(9x + 4y)$

3.  $4p(2 - p^2) + 8p^3 - 3p$

4.  $(2x + 5y)^2 + (2x - 5y)^2$

**XAVIER SCHOOL, GAMHARIA**  
**2<sup>nd</sup> Term Exam-2018**

**Class: VIII**  
**Sub:- Physics**

**F.M-80**  
**Time: 2 hrs.**

**Section A (40 marks)**  
**Answer all questions.**

**Ques 1** (2x3+4=10) {2+2+2+4}

- a) State two conditions when no work is done by a force. (2)
- b) In which of the following cases work is being done (2)
- i) A boy climbing up the stairs.
  - ii) A boy pushing a heavy rock.
  - iii) A boy running on the road.
  - iv) A boy moves perpendicularly to the direction of force.
- c) State the energy changes in the following while in use (2)
- i) A loud speaker      ii) An electric speaker
  - iii) An electric      iv) A torch light
- d) What is the refraction of light? State the laws of refraction. (2+2)

**Ques 2** (2x3+4= 10)

- a) State two uses of concave mirror. (2)
- b) State two uses of convex lens. (2)
- c) A ray of light travels from a rarer medium to a denser medium.  
How will it bend and why? (2)
- d) Name the kind of mirror used to obtain :-
- i) a real and enlarged image (1)
  - ii) a virtual and enlarged image (1)
  - iii) a real and diminished image (1)
  - iv) a virtual and diminished image (1)

**Ques 3** (2x3+4=10)

- a) Two iron rods-one 10 cm and the other 20cm are heated to the same rise in temperature. Which will expand more? (2)
- b) Water is heated from 0 degree Centigrade to 4 degree Centigrade. Will it expand? (2)
- c) Name two ways of changing liquid to vapour state. (2)
- d) An iron washer is heated. State the effect on it's i)mass ii)internal diameter iii)external diameter iv)density. (1x4=4)

**Ques 4** (2x3+4=10)

- a) State the energy changes that occur in a watch spring while it unwinds. (2)
- b) Which is optically denser water or oil? Give reason. (2)
- c) Why is cooling produced when a liquid evaporates? (2)
- d) Explain the following terms:- (1x4=4)
- i)Pole ii)Radius of Curvature iii)Principal Axis iv)Focus

**Section B (40 marks)****Answer any four****Ques 5 (3x2+4)**

a) Complete the ray diagram by drawing the refracted ray in each case.

- b) What do you mean by anomalous behaviour of water? (3)
- c) Name the mirror which forms an erect, virtual and enlarged image of an object. What is the position of the object relative to the mirror? Draw a ray diagram for your answer. (1+1+2)

**Ques 6 (3x2+4)**

- a) State the differences between work and power. (3)
- b) A coolie raises a box of mass 40 kg to a vertical height of 2.5 cm. Calculate the work done by the coolie if force of gravity on 1 kg is 10 N. (3)
- c) A driver uses a convex mirror as a rear view mirror. Explain the reason with the help of a ray diagram. (2+2)

**Ques 7 (3+3+4)**

- a) State the factor on which the increase in the length of a metal rod on heating depends. (3)
- b) State three differences between real and virtual image. (3)
- c) A pump is used to lift 200 kg of water from a well 40 m deep in 20s. If the force of gravity on 1 kg is 10N, find
- work done by the pump (1)
  - potential energy stored in the water (1)
  - power spent by the pump (1)
  - power rating of the pump (1)

**Ques 8 (3+3+4)**

- a) A body of mass 10 kg is taken from a height from a height of 5 m to 8 m. Find the increase in potential energy of the body (Take  $g=9.8 \text{ m/s}^2$ ). (3)
- b) Explain with a ray diagram the depth of water in a vessel when seen from air appears to less. (3)
- c) State four differences between boiling and evaporation. (4)

**Ques 9 (2x5=10)**

Explain the following:- (2x5=10)

- a) A dog and a horse are running with the same speed. Which one has more kinetic energy and why? (2)
- b) The sun is seen before the sunrise and after the sunset. (2)
- c) A straight stick is partly dipped in water obliquely appears to be bent at the surface of the water. (2)
- d) The telephone wires break in winter. (2)
- e) Gaps are left between the successive rails on a railway track. (2)

