

Std : VIII  
Date : 9/10/2023

GUARDIAN SCHOOL  
TERMINAL EXAMINATION 2023-2024  
Subject: MATHS

Time : 2 Hrs 30 Min  
Marks : 80

- Answers to this paper must be written on the paper, provided separately.
- You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- Answer all questions in Section I and any four questions from Section II
- The intended marks for questions or parts of questions are given in brackets [ ].
- This paper consists of 6 number of pages.

SECTION - A

Question 1

Choose the correct option.

(1x 15)

- 1) The value of  $\sqrt[3]{0.125} + 3$
- (a) 8      (b)  3.5      (c) 35      (d) 0.35
- 2) Cards are marked with numbers 1 to 16, are placed in the box and mixed thoroughly. One card is drawn at random from the box. What is the probability of getting an even number?
- (a) 10/16      (b) 7/16      (c)  1/2      (d) 1/16
- 3) The square of 0.9 is
- (a) 8100      (b) 0.081      (c)  0.81      (d) 0.0081
- 4) The value of  $\frac{-16}{21} \div \frac{-4}{3}$  is \_\_\_\_\_
- (a)  $\frac{-3}{10}$       (b)  $\frac{-7}{21}$       (c)   $\frac{4}{7}$       (d)  $\frac{-7}{6}$
- 5) What will be the value of 'x' in Pythagorean triplet (5, 12, x)?
- (a) 10      (b)  13      (c) 17      (d) 7
- 6)  $\sqrt{25} \times \sqrt{1.44} = ?$
- (a) 0.06      (b) 0.6      (c)  6      (d) 60
- 7) Find the cube root of 0.008.
- (a) 2      (b)  0.2      (c) 0.02      (d) 0.002

8)  $-50x^3y^2z^2 \div -5xyz =$  \_\_\_\_\_

- (a)  $10xyz$     (b)  $10x^2yz$     (c)  $-10x^2y^2z$     (d)  $-10x^2yz$

9) Value of  $(2a - 5b)^2$  is

- (a)  $4a^2 - 25b^2$     (b)  $2a^2 - 5b^2 + 10ab$     (c)  $4a^2 - 25b^2 - 20ab$     (d)  $4a^2 + 25b^2 - 20ab$

10) If  $xy = 15$  and  $x + y = 7$  then the value of  $(x^2 + y^2)$  is

- (a) 8    (b) 19    (c) 22    (d) 73

11) The sum of the rational numbers  $\frac{8}{19}$  and  $\frac{-4}{57}$  is \_\_\_\_\_

- (a)  $\frac{-5}{57}$     (b)  $\frac{7}{22}$     (c)  $\frac{20}{57}$     (d)  $\frac{4}{27}$

12) Point  $(7, -2)$  lies in the quadrant:

- (a) I    (b) II    (c) III    (d) IV

13) From the word 'MATHEMATICS', a letter is chosen at random. The probability of getting a vowel is :

- (a)  $\frac{3}{11}$     (b)  $\frac{5}{11}$     (c)  $\frac{4}{11}$     (d)  $\frac{1}{11}$

14) Find the smallest number by which the number 250 must be divided to obtain a perfect cube.

- (a) 2    (b) 3    (c) 4    (d) 5

15) The range of the data: 32, 41, 28, 54, 35, 26, 23, 33, 38, 40 is

- (a) 24    (b) 31    (c) 15    (d) 30

### Question.2

(a) 30 slips of paper containing numbers 1 to 30 are placed in a bag. One slip is taken out at random. What is the probability of the number of being :

- i) a perfect square    ii) a multiple of 5

(b) Find the square root of 7056 by prime factorization. [2]

(c) Subtract  $3x + 2y - 4z$  from the sum of  $7x + 4y - 3z + 2$  and  $2x - 3y + 5z - 3$ . [3]

(d) Divide :  $30x^3y^2 - 20xy^3 + 25x^2y + 45xy$  by  $-5xy$  [2]

(e) Find cube root of 5832 by prime factorization. [3]

### Question.3

- (a) Find five rational numbers between  $-4/5$  and  $-2/3$  [2]  
(b) If  $a - b = 5$ ,  $a^2 + b^2 = 37$ , find the value of  $ab$  [2]  
(c) For equation :  $y = 3x + 2$ , Complete the given table to find co-ordinates: [2]

X	-2	-1	0	2
Y				

- (d) Arrange given rational numbers in descending order: [3]  
 $1/2, 2/3, 3/4, 4/5$   
(e) The following data shows the number of student in various hobby classes in a School. Represent the given data by a Pie Chart. [4]

Hobby	Computer	Painting	Pottery	Handicraft	Glasswork
No. Of students	180	150	27	75	108

### SECTION - B [40] [Attempt any four questions]

### Question.4

- (a) Find the square root of 18.4041 using long division method. [3]  
(b) Ramesh cut a  $21\frac{1}{4}$  m long rope into pieces of  $4\frac{1}{4}$  m length each. Find the number of pieces he got. [3]  
(c) Solve using identity:  
1)  $98^2$  [2]  
2)  $(3x + 5y)(3x - 5y)(9x^2 + 25y^2)$  [2]

### Question. 5

- (a) Subtract:  $(6xy + 9yz - 7xz + 17) - (8xy - 5yz + 3xz + 21)$  [2]  
(b) Solve:  $\frac{7}{5} + \frac{-3}{10} + \frac{-7}{8}$  [2]  
(c) From a well shuffled pack of 52 playing cards, one card is selected at random. [3]  
Find the Probability of getting-  
I) a heart II) a card whose no. Is 8. III) a card whose no. Is odd.  
(d) Draw the graph for given equation :  $3x + y = 12$  [3]

Question. 6

- (a) Simplify:  $\frac{-5}{8} + \frac{8}{9} + \frac{-11}{12}$  [2]
- (b) Evaluate:  $\sqrt{108 \times 75}$  [2]
- (c) What is the smallest number by which 4116 must be multiplied so the product obtained is a perfect cube? Find the cube root of the perfect cube so obtained. [3]
- (d) Divide:  $(14x^3 - 5x^2 + 9x - 1) / (2x - 1)$  [3]

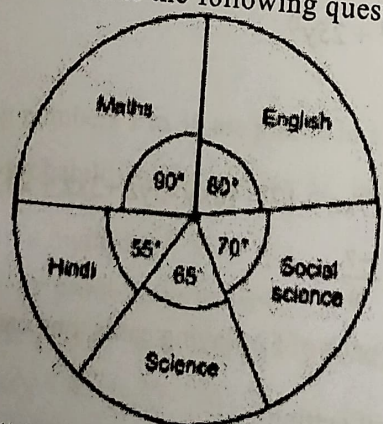
Question. 7

- (a) Simplify:  $\frac{3}{5} \times (\frac{35}{24} + \frac{10}{27})$  [3]
- (b) Find the square root of 544.7556 by long division method. [3]
- (c) What is the probability when two dice are rolled, of getting [4]
  - i) Same number on both.    ii) both are even number
  - iii) sum is equal to 10.    iv) product of numbers is 12.

Question. 8

(a) If  $A = 5x + 11y - 15z$ ;  $B = 12x - 13y + 19z$ ;  $C = 7x - 6y + 21z$   
 Find:  $A + B - C$  [3]

(a) The following pie-chart represents the marks scored by a student. If he obtained 540 as total marks, answer the following questions: [3]

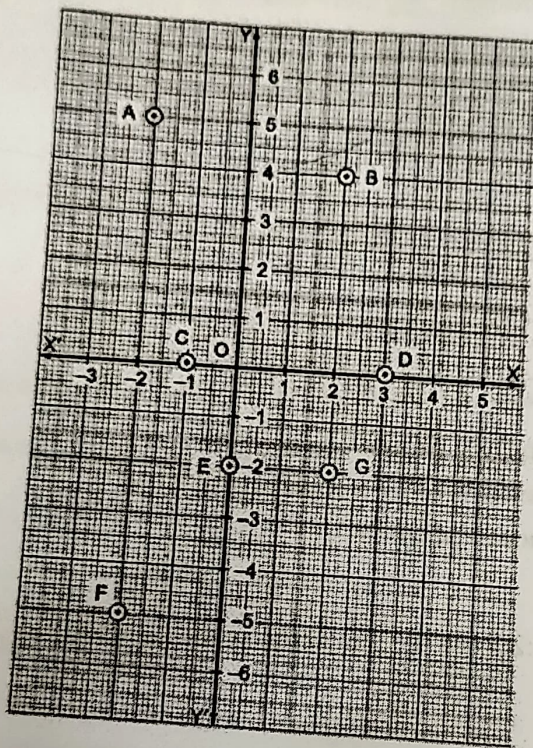


- (i) In which subject did the student score 120 marks?
- (ii) What is the difference in the marks obtained in Maths and English?
- (iii) In which subject did he get minimum marks?

- (c) Draw the graph of following pairs of lines and find the point of intersection. [4]  
 $x - y = -1$  ;  $x + y = 5$

Question. 9

- (a) Mention the co-ordinates of points A, B, C, D, E, F by observing graph. [3]



(b) Solve :

$$x + \frac{1}{x} = 5; \text{ find } x^2 + \frac{1}{x^2} \quad [3]$$

(c) Solve :

$$1) a^2(b^2 - c^2) + b^2(c^2 - a^2) + c^2(a^2 - b^2) \quad [4]$$

$$2) \sqrt{50x72}$$

Question. 10

- (a) Out of 45 students in a class 30 are boys and remaining are girls. If chosen randomly what is the probability that the student is a - [2]  
 (a) boy (b) girl ?

(b)

What must be added to  $\frac{-3}{8}$  to get  $\frac{5}{16}$ ?

[2]

(b) Solve -

Four friends had a competition to see how far could they hop on one foot. The table given shows the distance covered by each.

[3]

Name	Distance covered (km)
Seema	$\frac{1}{25}$
Nancy	$\frac{1}{32}$
Megha	$\frac{1}{40}$
Soni	$\frac{1}{20}$

(a) How farther did Soni hop than Nancy?

(b) What is the total distance covered by Seema and Megha?

(c) Who walked farther, Nancy or Megha?

(c) Three numbers are in the ratio 1:2:3 and the sum of their cubes is 4500.  
Find the numbers.

[3]

# GUARDIAN SCHOOL

Std: VIII  
Date: 18/10/2023

TERMINAL EXAMINATION 2023-2024  
Sub: ENGLISH - II

Time: 2 Hrs  
Marks: 80

- Answers to this paper must be written on the paper, provided separately.
- You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- Answers all the questions.
- The intended marks for questions one part of questions are given in brackets [ ].
- This questions paper consists of [4] pages

## SECTION - A [COURSEBOOK]

### Question 1)

A) Choose the correct answer to fill in the blanks:

[4]

- i) Twenty years ago, the narrator was living in \_\_\_\_\_.  
a) France  
b) Spain  
c) Paris  
d) England
- ii) The cheapest dish which the narrator ordered for himself was \_\_\_\_\_.  
a) cavier  
b) mutton chop  
c) salmon  
d) asparagus
- iii) Michelangelo heard \_\_\_\_\_ voice in the Old Testament.  
a) Judas  
b) Virgin Mary  
c) Jesus  
d) Angel Gabriel
- iv) \_\_\_\_\_ proclaimed that he created faces from his imagination.  
a) Bramante  
b) elm  
c) Michelangelo  
d) citrus

B) Complete the following sentences:

[4]

- i) The horse thought that it was strange as \_\_\_\_\_.  
a) The poet started laughing  
b) The poet admired the beauty of the nature  
c) The poet stopped suddenly  
d) The poet was busy talking
- ii) The message given by the lesson "Michelangelo" is \_\_\_\_\_.  
a) Your efforts are always wasted  
b) Your deeds should be sinful  
c) You should aim for the sky  
d) Your deeds decide your character
- iii) If the narrator's friend didn't eat asparagus \_\_\_\_\_.  
a) She would be sorry to leave Paris without having some of them.  
b) The narrator would be angry with her.  
c) She will starve.  
d) She will have to come there again to eat.

iv) The storm feels sore as \_\_\_\_\_.

- a) It always asks for a favour.
- b) Hope is always sleeping
- c) It never tells lie.
- d) It cannot embarrass Hope.

C) Give meanings for the following words and frame sentences with minimum of ten words [10]

- a) Vividly
- b) eccentric
- c) startled
- d) sauntered
- e) forlorn

**Question 2)**

A) Answer the following in one sentence:

[4]

- i) What is referred as the storm that could abash Hope?
- ii) Why was the narrator not able to drink champagne?
- iii) Why was the narrator not able to take his friend for the luncheon earlier?
- iv) With whom did Michelangelo compared the face of the Pope?

B) Answer the following:

[8]

- i) What was the only thing narrator would do if he or his friend would not able to pay the bill?
- ii) Why do Michelangelo love stone and not canvas and colours?
- iii) What special task did the Pope assign to Michelangelo?
- iv) What did the narrator's friend eat at the restaurant?

**Question 3)**

Refer the context and answer the following questions:

a) "I've heard it in the chillest land – And on the strangest Sea –  
Yet – never – in Extremity, It asked a crumb – of me."

- i) Where is the tune heard? What does it do to the people who hear it? [2]
- ii) What does it mean by- Yet – never – in Extremity, It asked a crumb – of me? [2]

b) "I couldn't possibly eat anything more – unless they had some those great asparagus."

- i) Why did the narrator panic when the asparagus was ordered? [1]
- ii) What did the narrator think about the bill? [2]

c) "It will make you immortal, I promise"

- i) Explain any two characteristics which made Michelangelo think that Marsolini is the right choice for the face of Judas? [2]
- ii) Make sentence of your own using the word: - immortal [1]



SECTION – B [ Reading Ventures]

Question 4)

A) Choose the correct answer to fill in the blanks:

[4]

- i) The last man died because of his \_\_\_\_\_.
- a) Anger  
b) selfishness  
c) poverty  
d) racial discrimination
- ii) The author had his first lesson in \_\_\_\_\_.
- a) hand grenade  
b) rifle training  
c) musketry  
d) cooking
- iii) After coming out of prison, Jimmy went to the café of \_\_\_\_\_.
- a) Mike Dolan  
b) Billy  
c) Ben Price  
d) Mr Adams
- iv) Unobserved by the elders, in a spirit of play, \_\_\_\_\_ was shut in the vault.
- a) May  
b) Annabel  
c) Ralph  
d) Agatha

B) Identify the characters with the help of their qualities:

[4]

- i) Long jumps, quick get-aways, no confederates, a taste for good society
- a) Jimmy Valentine  
b) Mike Dolan  
c) Ben Price  
d) Annabel
- ii) Lanky, stooping, badgering, condescending
- a) Sergeant  
b) Corporal Turnbull  
c) Platoon Officer  
d) Private Quelch
- iii) Eminent, rogue catcher, overpowered, clever
- a) Billy  
b) Warden  
c) Ben Price  
d) Jimmy Valentine
- iv) Regular, plodding, common, banker
- a) Ralph Spencer  
b) Mr Adams  
c) Agatha  
d) Clerk

Question 5)

A) Answer the following in one sentence:

[5]

- i) Where did Jimmy plan to meet his old friend Billy?  
ii) Why was the fire dying?  
iii) What did the narrator and his friends hear one day?  
iv) What do the rich and the poor think about each other?  
v) Corporal Turnball was taking a lesson on which subject?

B) Answer the following:

[8]

- i) Why did the Sergeant put so many questions to the Professor?  
ii) Explain the phrase- "cold within."  
iii) Why was Private Quelch nicknamed as "Professor"?  
iv) Why did Jimmy think that there is a good opening in the shoe line?

Question 6)

A) Refer to the context and answer the questions given below:

a) "She will die of fright! Open the door! Oh, break it open! ....."

i) Why couldn't the door be opened?

ii) What door is referred here?

iii) Why would Mr Spencer decide to locate in Elmore?

[2]

[2]

[2]

b) "The logs held tight in death's still hands  
Was proof of human sin.

They didn't die from the cold without,  
They died from the cold within."

i) Explain the phrase- cold without

ii) Write any two "human sin" referred in the poem?

iii) Make a sentence using the word: proof

[2]

[2]

[1]

c) "I've decided that Private Quelch is just the man for the job."

i) Who is the speaker?

ii) Which job is the speaker referring?

[1]

[1]

B) Write the character sketch on: (Any two)

i) Private Quelch

ii) Jimmy Valentine

iii) Seargent

iv) Ben Price

[6]

STD: VIII

Date: 06/10/2023

GUARDIAN SCHOOL

TERMINAL EXAMINATION 2023-2024

Sub: Chemistry

Time: 2 Hrs

Marks: 80

- Answers to this Paper must be written on the paper provided separately.
- You will **not** be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- Section I is compulsory. Attempt any four questions from Section II.
- The intended marks for questions or parts of questions are given in brackets [ ].
- This paper consists of 5 number of pages.

### SECTION A

(Attempt ALL questions from this section)

#### Question 1:

Choose one correct answer to the questions from the given options:

[15]

- i) Formation of a compound is
- a) temporary change    b) physical change    c) chemical change    d) reversible change
- ii) Which of the following is a man-made, chemical, desirable and fast change?
- a) Rusting    b) Burning of a candle    c) Fermentation    d) Curdling
- iii) Which is true regarding the solid model?
- a) There are strong forces of attraction between the particles.  
b) The particles move around freely.  
c) There are great open spaces between the particles.  
d) The particles move great distances before they collide.
- iv) Particle with positive charge is known as
- a) anion    b) cation    c) anode    d) cathode
- v) According to kinetic theory, particles of matter are in motion in
- a) liquids only    b) liquids and gases only    c) gases only    d) solids, liquids, gases
- vi) Which of the following methods is used to separate common salt from sea water?
- a) Sieving    b) Evaporation    c) Sedimentation    d) Winnowing
- vii) The symbol of Phosphorus is
- a) P    b) Ph    c) K    d) Po
- viii) The physical state in which diffusion does not take place is
- a) solid    b) liquid    c) gas    d) all of these
- ix) Separating funnel is used to separate
- a) sand and water    b) components of air    c) sugar from sugar solution    d) oil and water.

- x) The smallest unit of matter that can take part in chemical reaction  
a) element                      b) molecule                      c) atom                      d) compound
- xi) In chemical change,  
a) change is reversible                      b) molecules of substance change  
c) molecules of substance do not change                      d) substance remain same
- xii) Freezing is a process of converting  
a) solid to gas                      b) liquid to solid                      c) solid to liquid                      d) liquid to gas
- xiii) Which of the following method is used to separate ammonium chloride from mixture of ammonium chloride and sodium chloride?  
a) Sublimation                      b) Evaporation                      c) Dissolution                      d) Decantation
- xiv) Law of conservation of mass states that during a chemical reaction,  
a) mass remains unchanged                      b) volume remains unchanged  
c) temperature remains unchanged                      d) pressure remains unchanged
- xv) Protons and neutrons together are called  
a) nucleus                      b) atomic number                      c) atomic mass                      d) nucleons

**Question 2:**

i) Give scientific reason:

[5]

- a) Liquids evaporate on heating.
- b) Atom is electrically neutral.
- c) Copper is a metal.
- d) Kinetic energy of particles is least in solids.
- e) Inflating of balloon is a physical change.

ii) State whether the following statements are true or false. Correct the false statement:

[4]

- a) A pure substance has fixed melting and boiling point.
- b) The extra nuclear part of an atom comprises of orbits.
- c) Liquids are denser than the solids.
- d) Cutting of cloth is an irreversible chemical change.

iii) Find the odd one out. Give reason for your answer:

[2]

- a) Copper, magnesium, lead, magnesium oxide
- b) proton, atom, electron, neutron

iv) Define the following:

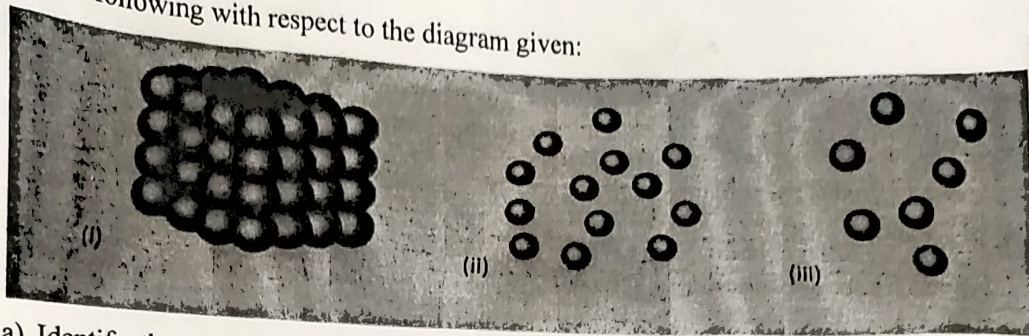
[3]

- a) Exothermic change                      b) Fusion                      c) Alloy

[2]

v) Answer the following with respect to the diagram given:

[4]



- a) Identify the states of matter ii) \_\_\_\_\_ iii) \_\_\_\_\_ on the basis of arrangement of particles.  
 b) Arrange these states of matter in descending order on the basis of intermolecular force of attraction.  
 c) Which of the following substances has minimum intermolecular force of attraction: air, table, water?

vi) Solve the following numerical:

- a) The number of electrons in an element is 13 and neutrons are 14. Find the number of protons and its mass number. [2]  
 b) If 19 g of magnesium on burning using oxygen forms 27 g of magnesium oxide, calculate the amount of oxygen consumed. Also state the law of conservation of mass. [3]  
 vii) Name the separation technique involved to separate the following mixture: [2]  
 a) Iron filings, sand  
 b) Salt, sand, rice grain

### SECTION B

(Attempt Any Four questions)

#### Question 3:

i) Distinguish between:

[4]

a) Atomic number and Mass number based on-

1) Definition

2) Letter by which it is denoted

b) Solid and Gas using parameter –

1) Fluidity

2) Compressibility

ii) Answer the questions to the situation when a candle is burnt,

[2]

a) While burning a candle, some wax melts. What type of change is this?

b) Burning of candle is endothermic or exothermic change?

iii) Give one example each of:

a) Slow change

b) Desirable change

[2]

iv) Define:

a) Compound

b) Liquefaction

[2]

[3]

**Question 4:**

i) What is the need to separate components of a mixture? [Give 2 points] [2]

ii) If an element is represented as  $^{16}\text{X}_8$  : [5]

- a) Which element is mentioned in the question?
- b) Write its number of protons.
- c) What is the mass number of this element?
- d) What is the number of electrons present in this atom?
- e) Give the symbol of this element.

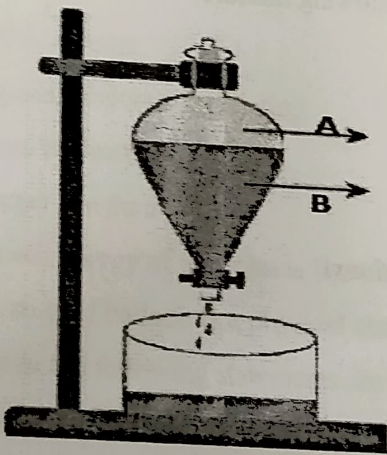
iii) Answer the following: [3]

- a) Ammonia gas is formed by combination of two gases: \_\_\_\_\_ and \_\_\_\_\_.
- b) Fermentation of dough can be classified into how many types of changes? (minimum 2)
- c) What is melting point?

**Question 5:**

i) Give difference between inter particle collision and elastic collision. [2]

ii) 'A' and 'B' are two liquids. Answer the following questions based on the given diagram: [5]



- a) In the diagram, which liquid 'A' or 'B' has low density and high density?
- b) Which liquid will be collected second in the beaker?
- c) What is the principle of this separation technique?
- d) What part of the apparatus controls the flow of liquids?

ii) State the difference between metal and non-metal with one example. [3]

**Question 6:**

i) What is the charge of the following in an atom:

- a) Nucleus
- b) Neutrons

[2]

ii) What is evaporation? Describe any two factors affecting evaporation. [3]

iii) When an atom gains electrons it forms \_\_\_\_\_ (positive / negative) ion called as \_\_\_\_\_ (cation/anion). [2]

iv) Match the techniques with their principle: [3]

Technique	Principle
a) Evaporation	1) Difference in physical appearance
b) Handpicking	2) Difference in magnetic property
c) Sedimentation and decantation	3) Difference in volatility of components
	4) Difference in weight and solubility

**Question 7:**

i) Why burning of candle is both physical and chemical change? [2]

ii) Fill in the blanks: [3]

a) Ripening of fruit is anirreversible \_\_\_\_\_ (slow / fast) change, whereas bursting of crackers is \_\_\_\_\_ (slow / fast) change.

b) Different solids have \_\_\_\_\_ forces of attraction. (same / different)

c) Toothpaste is an example of \_\_\_\_\_ (suspension / colloid).

iii) Which sub-atomic particle helps in identification of an element? Why? [2]

iv) State the type of mixture for the following examples from the help box: [3]

[solid-solid, gas-liquid, solid-gas, gas-gas]

- a) Carbon dioxide in soft drinks
- b) Air
- c) Smoke

**Question 8:**

Occurrence of thunder is \_\_\_\_\_ change. (periodic/non-periodic). Why? [2]

) In sedimentation and decantation, the component that settles down is called \_\_\_\_\_ and the liquid above the sediment is called the \_\_\_\_\_. [2]

) Distinguish between homogeneous and heterogeneous mixture. [2]

) Which of the following properties belong to pure substance and mixture? [4]

- a) It can be separated by physical means.
- b) They are always homogeneous.
- c) It can be represented by chemical formula.
- d) Their components retain their identity.

GUARDIAN SCHOOL

TERMINAL EXAMINATION 2023-2024

STD: VIII

Time: 2 Hrs

Date: 16/10/2023

Sub: Physics

Marks: 80

- Answers to this Paper must be written on the paper provided separately.
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- Section I is compulsory. Attempt any four questions from Section II.
- The intended marks for questions or parts of questions are given in brackets [ ].
- Section I is of 40 M, Section II is of 40 M.
- This paper consists of [7] number of pages.

SECTION I

(Attempt ALL questions from this section)

Question 1. Choose the correct answers to the questions from the given options.

[15]

(Do not copy the question, write the correct answers only.)

(i) Force can cause a:

- (a) Stationary object to start moving
- (b) Moving object to change its speed
- (c) Moving object to change direction
- (d) All of these

(ii) What does weight measure:

- (a) Size
- (b) Mass
- (c) Force
- (d) Volume

(iii) Jony has mass of 50kg. What is his weight on earth?

- (a) 5 N
- (b) 50 N
- (c) 500 N
- (d) 5000 N

(iv) The pressure exerted on the object increases when surface area

- a) increases
- b) decreases
- c) either increases or decreases
- d) none



(v) Unit of density is:

- (a) kg-m/s
- (b) N-m
- (c) J/s
- (d) None of these

(vi) A body of density  $\rho$  sinks in a liquid of density  $\rho_L$ . The densities  $\rho$  and  $\rho_L$  are related as:

- (a)  $\rho = \rho_L$
- (b)  $\rho < \rho_L$
- (c)  $\rho > \rho_L$
- (d) Nothing can be said.

(vii) Kinetic energy of a moving object is 100 J. If its speed is doubled, then its kinetic energy will become

- a) 200 J
- b) 400 J
- c) 50 J
- d) 25 J

(viii) Two balls, one of iron and other of aluminium experience same up thrust when dipped in water if:

- (a) Both have equal volume
- (b) Both have equal weight in air
- (c) Both have equal density
- (d) Nothing definite can be said

(ix) Which one of the following is correct expression for pressure exerted by a liquid column?

- a)  $P = hdg$
- b)  $P = hg$
- c)  $P = hd$
- d)  $P = mgh$

(x) Eight or more wheels are provided in a heavy truck. This is done

- a) to increase the pressure on the road
- b) to reduce the pressure on the road
- c) to increase the thrust on the road
- d) to decrease the thrust on the road

(xi) Which is true about liquid pressure?

- a) liquid exerts a lateral pressure
- b) liquid pressure is independent of shape and size of the container
- c) liquid pressure depends on density of liquid
- d) All the above

(xii) Atmospheric pressure is maximum at,

- a) poles
- b) Mount Everest
- c) equator
- d) sea level

iii) Assertion: A man could swim in sea water easily than in fresh water

Reason: As sea water is salty it provides more upthrust and hence swimming is easy

- (a) both assertion and reason are true and reason is correct explanation of assertion.
- (b) both assertion and reason are false and reason is not at all correct explanation for assertion.
- (c) assertion is false but reason is true but reason is correct explanation of assertion.
- (d) assertion is true reason is false and it is not correct explanation of assertion.



(xiv) Energy that acts on rock climber is \_\_\_\_\_.

- a) kinetic energy
- b) potential energy
- c) gravitational potential energy
- d) no energy

(xv) Boiling point of any liquid changes with,

- a) impurity
- b) atmospheric pressure
- c) type of liquid
- d) All of these

## Question 2

(i) Differentiate between,

[4]

(a) Gravitational Potential Energy and Elastic Potential Energy

(b) Cohesive force and Adhesive force

(ii) Which physical quantities are represented by the SI units (a) Nm and (b) Joule?

[2]



(iii) Why this saline bottles or blood transfusion bottles are always hung up on a height?

Why this saline bottles or blood transfusion bottles are always

[2]

(iv) Write two principles on which a refrigerator works?

[2]

(v) Draw and explain how does a rubber sucker work?

[3]

(vi) With the help of flow chart tell us from where does the energy to run a car come?

[2]

### Question 3

- (i) (a) Arrange the following in increasing order of their relative densities: Iron, air, water
- (b) The relative density of a substance is greater than 1. What does it signify?

[2]

(ii) Solve,

(a) A woman does 500 J work for 5 minutes. Calculate her power.

[2]

(b) Calculate the work done by a porter holding a suitcase weighing 5 kg in his hand. Support your answer by giving suitable reason.

[2]

(c) A moving body of 40 kg has 180 J of KE. Calculate the speed.

[2]

(d) A child opens a 1.5-metre-wide length door by applying a minimum force of 2 N. What is the moment of force required to open the door?

[2]

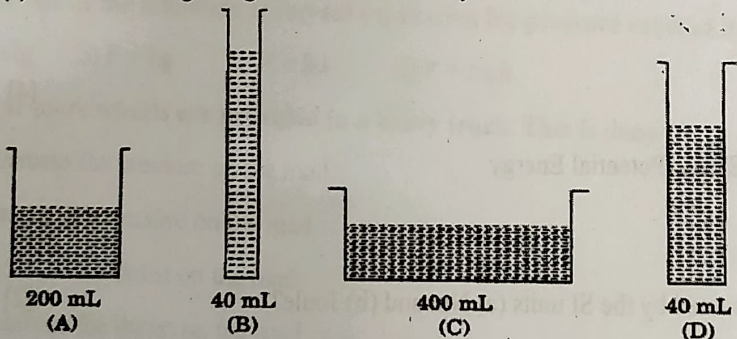
### SECTION II

(Attempt any four questions)

### Question 4

(i) (a) Observe the figures given below carefully.

[2+1]



Volume of water in each vessel is shown above. Arrange them in order of decreasing pressure at the base of each vessel. Explain the reason.

(b) Liquids exert same force in \_\_\_\_\_ direction

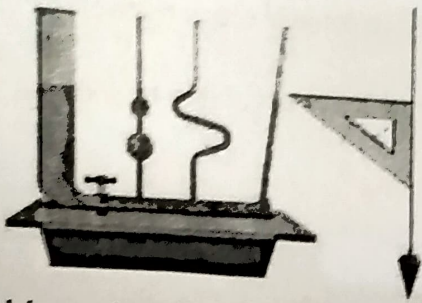
(ii) (a) You can fill bucket from a down stairs tap quicker than from an upstairs tap. Why?

[2+1]

(b) Write two factors on which Liquid pressure is dependent on.

(iii) (a) If you swim beneath the surface in salt water, will the pressure be greater than in fresh water at the same depth? Give reason for your answer.

[4]



- (b) Observe the diagram given and answer, whether pressure of liquid is same in each tube, or no? Give reason to support your answer.

**Question 5**

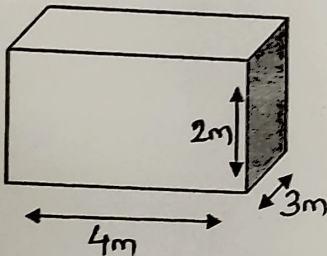
(i) Explain,

- (a) Why fountain pen start leaking on high altitude?  
 (b) Why the pressure of the atmosphere does not break glass windows?  
 (c) The foundation of high-rise buildings are kept wide.

[1+1+1]

(ii) (a) Calculate the pressure exerted by block on the table.  $Weight = 400N$

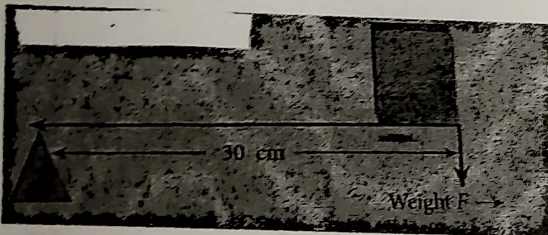
[2+1]



(b) Enlist factors affecting moment of force.

(iii) Solve.

[4]



(a) A box weighs 150 N and the distance from the box to the pivot is 30 cm, calculate the moment of force about the pivot.

(b) An elephant weighs 25,000 N stands on ground of area 4000 cm<sup>2</sup>. How much pressure would it exert on the ground?

**Question 6**

(i) (a) Define the law of conservation of energy.

(b) An electric kettle of power 2 kW is used for 1 minute. Find the energy supplied by the kettle.

(c) If the work done in pushing a trolley by applying a force of 850 N is 1275 J, calculate the distance moved by the trolley.

[3]

(ii) (a) Define Mechanical energy.

[1]

(b) Difference between: Work and Power for parameters SI unit and storage.

[2]

(iii) Solve.

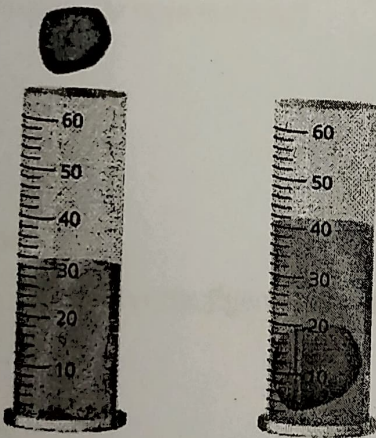
[4]

- (a) A box of books weighing 80 kg is on a table 75 cm high. What is its potential energy relative to the floor?
- (b) The kinetic energy of a car is calculated to be 1250000 J. If the car has a mass of 1000 kg, with what speed is it moving?

### Question 7

- (i) (a) What do you mean by force of Cohesion? Give one example of it. [2+2]  
 (b) Soft drinks are cooled by placing them in ice rather than water at 0°C. Why? [2]
- (ii) Find odd one out and provide reason to your answer. [4]  
 (a) Moth ball, Iodine, Dry ice, Ice  
 (b) Plasma, EBC, Cohesion, liquid
- (iii) Explain why?  
 (a) When the rivers and lakes start freezing, the weather becomes warm.  
 (b) Mercury does not wet wood, whereas water does.

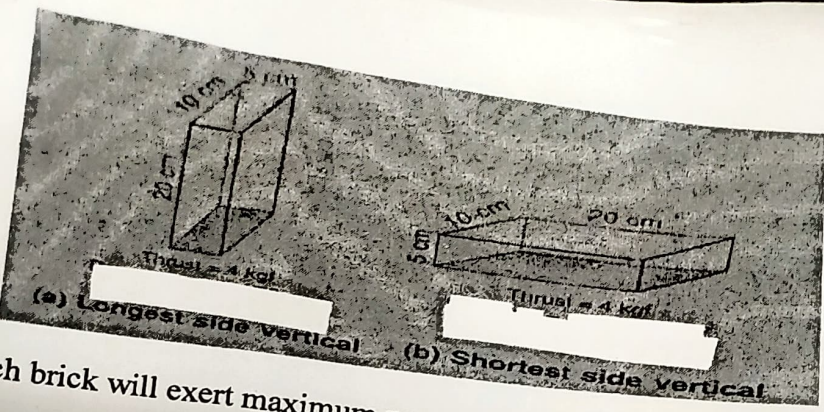
### Question 8



- (i) (a) A stone of a mass 80 g totally immersed in water contained in a measuring cylinder of 30mL. With the help of given information and picture provided find the density of stone. [2]  
 (b) Relative density of substance remains the same in both SI and CGS units. Why? [1]
- (ii) What do you mean by convection? Explain how hot air balloon works on this principle? [3]
- (iii) (a) Do you think different volumes of water always have the same density? Why or why not? [2]  
 (b) Calculate the relative density of iron, If the density of iron is 8500 kg/m<sup>3</sup> and of water is 1000 kg/m<sup>3</sup>. [2]

### Question 9

- (i) Explain the conversion of energy in the oscillation of a simple pendulum using a diagram. [3]
- (ii) (a) There are two geysers of ratings 2kW and 4kW. Which one will you use if you want 15 litres of water to get heated fast? Why? [2+1]  
 (b) What kind of energy does a tightly drawn bow and arrow have?



(iii)

Which brick will exert maximum pressure on ground with longest side or shortest side? Explain by solving it.

[4]

गार्डियन स्कूल  
प्रथम सत्र परीक्षा २०२३-२४  
विषय : हिंदी

कक्षा : आठवीं  
दिनांक : १२/१०/२०२३

समय : ३ घंटे  
अंक : ८०

1. Answers to this paper must be written on the paper, provided separately.
2. You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
3. This paper consists of 6 pages.
4. The intended marks for questions or parts of questions are given in brackets [].

(विभाग अ)

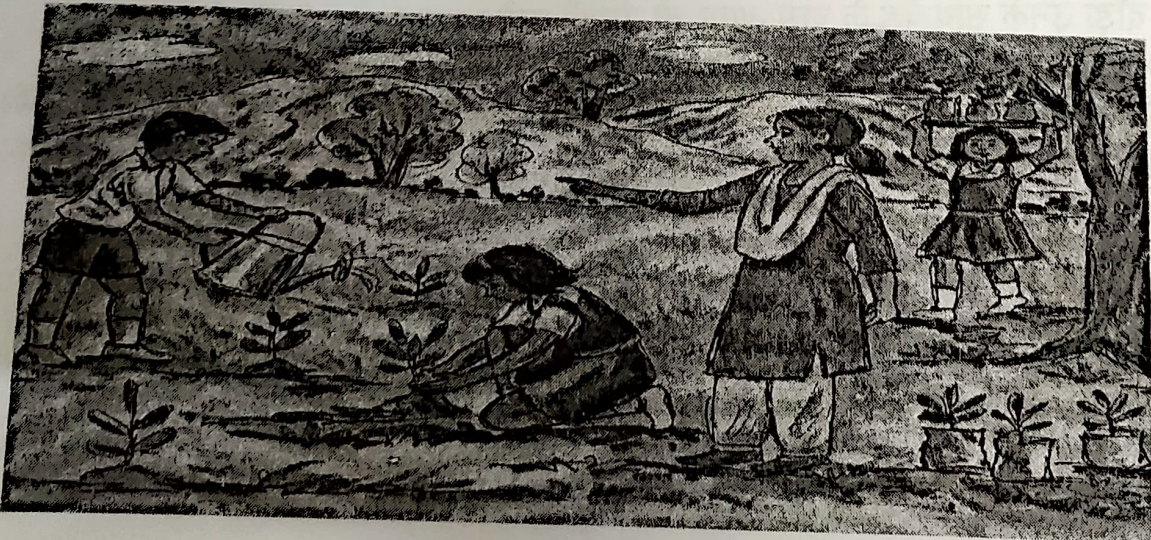
Question 1.

Write a short composition in Hindi of approximately 250 words on any one of the following topics:

[15]

निम्नलिखित विषयों में से किसी एक विषय पर हिंदी में लगभग २५० शब्दों में संक्षिप्त लेख लिखिए।

- (i) "पर्यटन हमारे ज्ञान और अनुभव वृद्धि में सहायक होता है।"- इस पर अपने विचार लिखते हुए स्कूल - पिकनिक का वर्णन कीजिए।
- (ii) "स्वास्थ्य ही धन है" - इसपर अपने विचार लिखते हुए स्वास्थ्य लाभ के कुछ उपाय बताइए।
- (iii) किसी मैच का आँखों देखा वर्णन अपने शब्दों में कीजिए।
- (iv) एक मौलिक कहानी लिखिए, जिसका आधार निम्न उक्ति है - "बिना विचारे जो करे, सो पाछे पछताए।"
- (v) नीचे दिए चित्र को ध्यान से देखिए और मन में उभरते विचार कहानी अथवा लेख के रूप में लिखिए। आपकी कहानी या लेख का सीधा संबंध चित्र से होना आवश्यक है।



## Question 2.

Write a letter Hindi of approximately 120 words on any one of the topics given below: [7]

निम्नलिखित में से किसी एक विषय पर हिंदी में लगभग १२० शब्दों में पत्र लिखिए।

- (i) एक दिन पूर्व आपके बड़े भाई का दायाँ पैर सड़क दुर्घटना के कारण बुरी तरह जख्मी हो गया है। घटना का पूर्ण विवरण देते हुए अपने मित्र को एक पत्र लिखिए।
- (ii) आँखों पर नजर का चश्मा होने के बाद भी आजकल आप पढ़ते समय आँखों में दर्द का अनुभव कर रहे हैं। अपने नेत्र - चिकित्सक को पत्र लिखकर नेत्र परीक्षण का समय निर्धारित कीजिए।

## Question 3.

Read the passage given below and answer in Hindi the questions that follow, in your own words as far as possible: [10]

निम्नलिखित गद्यांश को ध्यानपूर्वक पढ़िए तथा उसके नीचे लिखे प्रश्नों के उत्तर हिंदी में लिखिए। उत्तर यथासंभव आपके अपने शब्दों में होने चाहिए।

आत्मविश्वास का सबसे बड़ा दुश्मन है- दुविधा, क्योंकि दुविधा एकाग्रता की नष्ट कर देती है और आदमी की शक्ति को बाँट देती है। बस, वह आधा इधर और आधा उधर, इस तरह खंडित हो जाता है।

मेरे एक मित्र अपनी पत्नी के साथ जंगल में एक पेड़ के नीचे बैठे बात कर रहे थे। बात करते-करते पत्नी सो गई, वह उपन्यास पढ़ने लगे। अचानक उन्हें लगा कि सामने से भेडिया चला आ रहा है उन्हीं की तरफ। भेडिया एक खूँखार जानवर है। वह इतने घबरा गए कि पत्नी को सोता छोड़कर ही भाग खड़े हुए। भाग्य से कुछ दूरी पर ही उन्हें एक बंदूकधारी सज्जन मिल गए। वह उनके पैरों में गिर पड़े। "मेरी पत्नी को बचाइए, भेडिया उसे खा रहा है।" वह गिडगिडाए!

शिकारी दौड़ा-दौड़ा उनके साथ पेड़ के पास आया, तो उनकी पत्नी यथापूर्व सो रही थीं और 'भेडिया' उसके पास रखी टोकरी में मुँह डाले पूरियाँ खा रहा था। "कहाँ है भेडिया?" शिकारी ने बंदूक साधते हुए पूछा, तो काँपते हुए वह बोले- "वह तो है सामने।" शिकारी बहुत जोर से हँस पड़ा- "भले मानस, वह बेचारा कुत्ता है।" क्या बात हुई यह? वही कि भय ने उन्हें आत्मविश्वासहीन कर दिया।

कृष्ण ने महाभारत में सर्वोत्तम काम यहीं किया कि पांडवों की उन्होंने आत्मविश्वास से भर दिया। वह अपने कार्य के महत्त्व को समझते थे, तभी तो पूरे आत्मविश्वास के साथ उन्होंने अर्जुन से कहा था- "परेशान मत हो, युद्ध कर, तू निश्चित रूप से युद्ध में अपने शत्रुओं पर विजय पाएगा।"



नेता जी सुभाषचंद्र बोस जब आई.सी.एस. की प्रतियोगिता में बैठे, तो अंग्रेजी परीक्षक ने पूरी तेजी से घूमते हुए बिजली के पंखे की ओर इशारा कर उनसे पूछा, "क्या इसकी पंखुडियाँ गिनी जा सकती हैं?" सुभाष बाबू ने झट से पंखा बंद कर दिया और बोले, "जी हाँ, सुगमता के साथ।" परीक्षक प्रसन्न हो गया, पर उसने उन्हें एक बार और कसौटी पर कसा। उन्होंने अपनी अंगुठी उनके सामने रखकर पूछा, "क्या इसमें से सुभाषचंद्र बोस पार ही सकता है?" सुभाष बाबू अपने नाम का विजिटिंग कार्ड निकाला और मोडकर उसमें से पार करते हुए कहा, "जी इस तरह।" यह है अटुट आत्मविश्वास। उसके अभाव में यदि वह घबरा जाते और ऊट-पटांग जवाब देते, तो फेल हो जाते।

दुसरे हमारी क्षमता का विश्वास करें और हमारी सफलता को निश्चित मानें, इसके लिए आवश्यक शर्त यह है कि हमारा अपनी क्षमता और सफलता में अखंड विश्वास हो।

- (i) आत्मविश्वास का सबसे बड़ा दुश्मन क्या है और क्यों? [2]
- (ii) मित्र ने कुत्ते को भेडिया समझकर क्या किया? उनके साथ ऐसी घटना क्यों घटी? [2]
- (iii) श्री सुभाषचंद्र बोस पहली बार अपने परीक्षक की कसौटी पर कैसे खरे उतरे? दुसरी बार परीक्षक ने उनसे क्या पूछा और सुभाषचंद्र बोस ने क्या किया? [2]
- (iv) कृष्ण ने महाभारत में सबसे बड़ा कार्य क्या किया था? उन्होंने अर्जुन से क्या कहा था? [2]
- (v) इस गद्यांश से आपको क्या शिक्षा मिलती है? [2]

#### Question 4.

निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार लिखिए।

[8]

1. दिए गए शब्दों के सही बहुवचन रूप चुनिए।

• गाथा

- (क) गाथायें (ख) गाथाएँ  
(ग) गाथाओं (घ) गाथाओं

2. दिए गए शब्द के सही पर्यायवाची-शब्द छाँटिए।

• पुत्र

- (क) आत्मज सुत (ख) आत्मजा सुत  
(ग) आत्मज (घ) तनय तनुजा

3. दिए गए शब्दों की सही भाववाचक संज्ञाएँ छाँटिए।

• अच्छा

- (क) अच्छाई (ख) अच्छापन  
(ग) अच्छी (घ) अच्छत्व

4. दिए गए मुहावरे का सही चयन किजिए।

- लाल-पीला होना का -अर्थ है  
(क) मन ही मन प्रसन्न होना (ख) क्रोध करना  
(ग) बहुत खुश होना (घ) रंग बदलना

5. जो असफलता से नहीं घबराता, वही \_\_\_\_\_ का स्वाद चख पाता है।  
रेखांकित शब्द के विलोम शब्द को चुने।

- (क) कामयाब (ख) लायक (ग) सफलता (घ) यशस्वी

6. दिए गए वाक्य के प्रकार का सही चयन किजिए।

- उनका खून खौल गया और उन्होंने उस अपराधी को सज़ा दिलाने की ठान ली।  
(क) सरल वाक्य (ख) मिश्र वाक्य (ग) संयुक्त वाक्य

7. "राधिका ने डंडे की सहायता से अमरुद तोड़े।" इस वाक्य के रेखांकित शब्द में कौन-सा कारक है?

- (क) कर्ता कारक (ख) कर्म कारक  
(ग) करण कारक (घ) अपादान कारक

8. प्रतिकूल शब्द में कौन सा उपसर्ग प्रयुक्त है?

- (क) प्रति (ख) परि (ग) परा (घ) प्र

(विभाग - ब)

मधुबन सरल

**Question 5.**

(a) निम्नलिखित प्रश्नों के उत्तर लिखिए। (कोई 3)

1. आकाशीय पिंड किसकी परिक्रमा करते हैं? उनके नाम लिखें।
2. बंकिमचंद्र को 'वंदे मातरम्' लिखने का विचार कब और कहाँ आया?
3. 'रथचक्र' शब्द से लेखक का क्या तात्पर्य है?
4. अंग्रेज शासक होने के अपने अधिकार का लाभ कैसे उठाते थे ?

[6]

Std : VI

Date :

(b) एक एक वाक्य में उत्तर लिखिए ।

[4]

1. बड़े भैया की मृत्यु कैसे हुई?
2. बंकिमचंद्र चट्टोपाध्याय कौन थे?
3. दिन का मालिक किसे कहा गया है?
4. कानून की धजियाँ कौन उड़ाता था?

Question 6.

(a) सोचों और लिखो। (कोई 3)

[6]

- i) नागरिकों का देशप्रेम, देश की प्रगति और सुरक्षा में कैसे सहायक होता है?
- ii) अगर बड़े भाई की मृत्यु न हुई होती तो कहानी का अंत क्या होता है?
- iii) आकाश को देखकर आपके मन में क्या-क्या आता है? सोचकर लिखें।
- iv) स्वतंत्रता संग्राम में कवि, कहानीकार, नाटककारों की क्या भूमिका रही होगी ? सोचकर लिखिए।

(b) आशय स्पष्ट करें ।

[4]

- i) "इस कविता के शब्द तो आज़ादी के द्वार पर लगे ताले को खोलनेवाली चाबी हैं।"
- ii) जबकि शेष तारों से किरणें,  
कई वर्ष में हैं आ पातीं।

अमृत संचय

Question 7.

(a) निम्नांकित शब्दों के अर्थ लिखे :-

[4]

1. वलय-
2. बाहुल्य -
3. शैशवावस्था -
4. भूटिया-

(b) निम्नलिखित प्रश्नों के उत्तर एक वाक्य में लिखे:-

[6]

1. श्यामा ने लिखिका को गाय पालने की प्रेरणा क्यों दी?
2. गौरा को किस फल का रस पिलाया जाता था?
3. सोना को छोटे बच्चे क्यों अच्छे लगते थे?

4. शावक का नाम सोना क्यों रखा गया?
5. लूसी कौन थी?
6. नीलू के बैठने का स्थान कौन सा था?

(c) निम्नलिखित प्रश्नों के उत्तर संक्षिप्त में लिखिए: (कोई 3)

1. लूसी लोगों की मदद किस प्रकार करती थी?
2. गौरा की मृत्यु कैसे हुई?
3. सोना की शारीरिक विशेषता लिखो?
4. नीलू किसका नाम था, नीलू का पालन-न-पोषण किसने किया?

[6]

(d) चरित्र - चित्रण करें :-

(क) गौरा

(ख) नीलू

[4]

Std : VIII  
Date : 17/10/2023

GUARDIAN SCHOOL  
TERMINAL EXAMINATION 2023-2024  
Subject: COMPUTER

Time : 2 Hrs  
Marks : 80

- Answers to this paper must be written on the paper, provided separately.
- You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- Answer all questions in Section I and any four questions from Section II
- The intended marks for questions or parts of questions are given in brackets [ ].
- This paper consists of [4] pages.

SECTION I

[40 Mks.]

Q. 1] A] Fill in the blanks.

[5]

1. A programming language has its own set of rules that is referred to as \_\_\_\_\_.
2. In Excel addition of two or more text (string) value is called \_\_\_\_\_.
3. \_\_\_\_\_ depicts the colours, pattern and symbols assigned to a data series.
4. Formula can be entered either in \_\_\_\_\_ bar or in a cell for calculating values.
5. Computer works with an interaction of \_\_\_\_\_ and software.

B] Multiple choice questions.

[15]

1. JAVA programming creates small application modules, which can be embedded into web pages. These modules are called Applets that enable a user to interact with the web pages.  
(a) bootstrap                      (b) Applets  
(c) Application software        (d) Utility system
2. Which is the Valid formula?  
(a) = A + B2                      (b) A2 + B2  
(c) = A2 + 2B2                  (d) =A2+B2
3. The \_\_\_\_\_ loader is a small program that loads the Operating system into memory.  
(a) bootstrap                      (b) BIOS  
(c) RAM                              (d) AIX
4. \_\_\_\_\_ are mini charts that fit into a single worksheet cell to provide visual representation of the data.  
(a) Pie charts                      (b) Area Charts  
(c) Bar Charts                      (d) Sparklines charts
5. \_\_\_\_\_ requires more RAM to run.  
(a) GUI                              (b) CUI                              (c) CLI                              (d) Interface
6. It generally displays three dimensions of data in the form of a disk plotted on an XY graph.  
(a) Bar Chart                      (b) Line Chart                      (c) Radar chart                      (d) Bubble Chart

7. \_\_\_\_\_ are user-defined instructions that are used for carrying out calculations.  
 (a) Data (b) Reference (c) Functions (d) Formulas
8. The built-in security \_\_\_\_\_ of any O.S. protect the resources and the information stored on a computer system from the unauthorised access.  
 (a) modules (b) data (c) Interface (d) code
9. It describe the purpose and contents of the chart.  
 (a) Legend (b) Chart Title (c) Chart axis (d) Plot Area
10. \_\_\_\_\_ type of chart is widely used in statistical and engineering data.  
 (a) Line chart (b) XY (Scatter) Chart (c) Area chart (d) Pie chart
11. \_\_\_\_\_ is a window within the chart area, which contains actual chart.  
 (a) Legend (b) Plot area (c) Table (d) Category axis
12. The operating system ensure that every process or application receives enough process time to function properly, is known as \_\_\_\_\_.  
 (a) Memory Management (b) Process Management  
 (c) Device Management (d) File Management
13. \_\_\_\_\_ are real world entities or items. It can be either non-living entities or living entities.  
 (a) Objects (b) Class (c) Keywords (d) Applets
14. To get the total of the adjacent cells, press the \_\_\_\_\_ key combination.  
 (a) Alt + F4 (b) Ctrl + F2 (c) Ctrl + A (d) Alt += (equal)
15. An \_\_\_\_\_ software is used to perform specific types of jobs.  
 (a) System (b) OS (c) Application (d) Utility

**Q. 2] A] Define.**

[5]

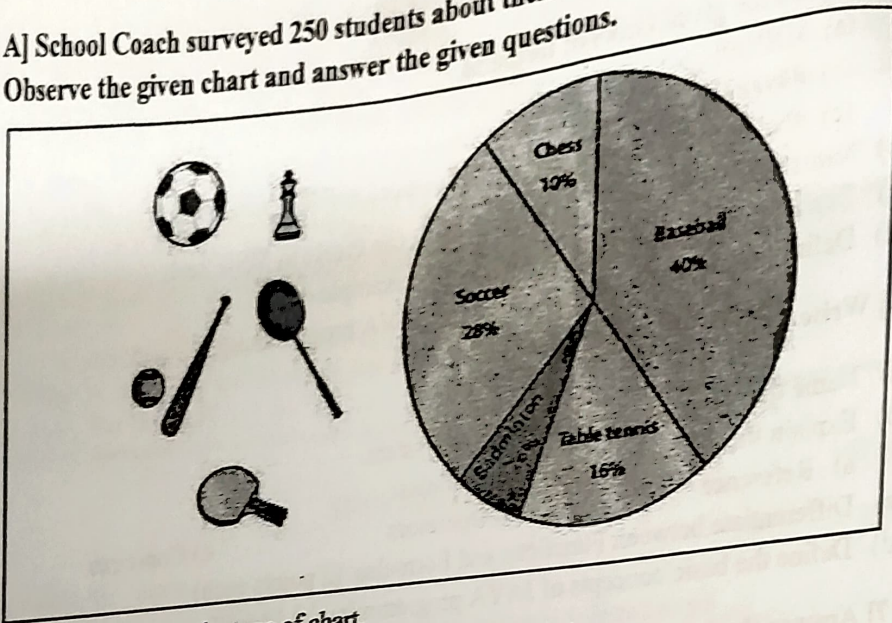
1. AVERAGE
2. Software
3. Hardware
4. Mixed Reference
5. Inheritance

**B] Write a full form of the given.**

[5]

1. MS-DOS
2. OOPs
3. I/O
4. VMS
5. CLI

Q. 3] A] School Coach surveyed 250 students about their favourite sport and recorded the data. Observe the given chart and answer the given questions. [3]



1. Identify and name the type of chart.
2. How many students chose a sport other than baseball?
3. Which sport was the most favourite among the students?

[2]

B] Application based questions.

1. Imagine you are managing a small business and have a spreadsheet with a list of products, their prices, and the quantity sold. Which function you will use to calculate the total sales for each product and the overall total sales for the month?
2. You are a student tasked with setting up a computer lab for your school. The computer lab will serve students of all grades, from elementary to high school, and will be used for various purposes, including research, programming, and multimedia projects. Which operating system you will choose for the lab and justify your choice.

[5]

C] Answer the following.

1. What do you understand by the term Polymorphism?
2. Explain – Relative reference.
3. What is a full form of BIOS?
4. Give examples of Single user & multi-tasking operating system.
5. Which chart is used for plotting data values related to stocks and shares?

SECTION II (Attempt any 4 Questions)

[40 Mks.]

Q. 4] Answer the following question.

- a) Write any 3 rules to enter a function in worksheet. [3]
- b) What is meant by object in JAVA, give one example with its state and behaviour. [3]
- c) Write steps to rename a sheet in worksheet. [2]
- d) What is the difference between pie chart and doughnut chart. (2 points each) [2]

Q. 5] Answer the given question. -

- a) Explain the given errors of formulas. [3]
  - (a) #DIV/0!
  - (b) #####
  - (c) #NAME?
- b) Name the different types of charts which can create in MS-Excel. [3]
- c) Explain Absolute reference and give one example of it. [2]
- d) Define State & Behaviour of Object of JAVA programming. [2]

Q. 6] Write answer for the given question.

- a) Name the different types of Operating system. [3]
- b) Explain the different elements of formulas. [3]
  - a) Reference
  - b) Operators
  - c) Constants
- c) Differentiate between Functions and Formulas. (2 points each) [2]
- d) Define the basic concepts of JAVA programming: a) Identifier b) Keywords [2]

Q. 7] Answer the following questions.

- a) Name different the functions of operating system. [3]
- b) Explain the given functions of Excel - : [3]
  - i) =AVERAGE ( )
  - ii) =CONCAT ( )
  - iii) =PRODUCT ( )
- c) Differentiate between- System Software and Application software. (2 points each) [2]
- d) Define the basic concepts of JAVA programming: a) Token b) Constant [2]

Q. 8] Write answer for the given question.

- a) Explain the term Source code and Object Code. [2]
- b) What do you mean by polymorphism and give one example of it. [2]
- c) Write a short note on Real Time OS. [2]
- d) Differentiate between column chart and bar chart. (2 points each) [2]
- e) Write use of given function keys - a) F2 b) F11 [2]

Q. 9] Write answer for the given question.

- a) Define the term Abstraction and Encapsulation. [2]
- b) Write advantages of CUI and GUI. (2 each) [2]
- c) Write any one method to format the chart in MS-Excel. [2]
- d) Name the different features of an Operating system? [2]
- e) What is use of =COUNT ( ) and =PRODUCT ( ) functions. [2]

.....



गार्डियन स्कूल

इयत्ता : आठवी (८ वी)

सहामाही परीक्षा २०२३ -२४

वेळ : १ तास

दिनांक : २०/१०/२०२३

विषय : मराठी

गुण : ४०

- Answers to this paper must be written on the paper, provided separately.
- You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- The intended marks for questions or parts of questions are given in brackets [ ].
- This Paper consists of 3 printed pages.

प्रश्न १ अ] प्रश्नांची एका वाक्यात उत्तरे लिहा.

(५)

- १) ज्येष्ठ महिना लागला की कशाचे वेध लागतात ?
- २) पुण्याहुन महाडकडे जाताना कोणता घाट लागतो ?
- ३) वरंधा घाटात कोणता किल्ला आहे ?
- ४) काळी माती आपली कोण आहे ?
- ५) बळकट हातांनी कोणता रथ ओढायचा आहे ?

ब] कोण ते लिहा.

(३)

- १) पावसात भिजल्याबद्दल मार देणारे =
- २) आम्ही यांची लेकरे आहोत =
- ३) कागदी होडया करायला शिकवणारे =

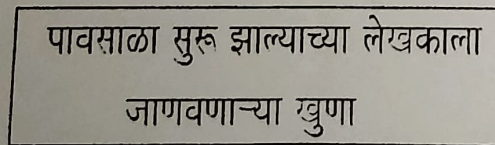
प्रश्न २ अ] खालील प्रश्नांची थोडक्यात उत्तरे लिहा.

(६)

- १) 'माणुसकीचे अभंग नाते आम्हीच आमचे भाग्यविधाते' या काव्यपंक्तीचा अर्थ तुमच्या शब्दांत लिहा.
- २) वरंधा घाटाचे पाठात केलेले वर्णन लिहा.
- ३) 'आभाळाची आम्ही लेकरे' या कवितेतुन आपल्याला काय शिकवण मिळते?

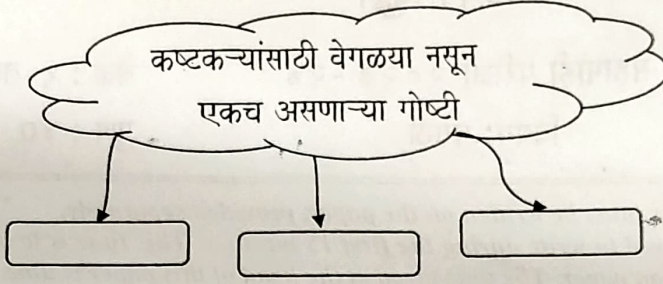
ब] आकृती पूर्ण करा.

१)



(२)

२)



(३)

ब] खालील शब्दांचे अर्थ लिहा.

(३)

१) विहंगम =

२) इमान =

३) आस =

प्रश्न ३ अ] विशेषण व विशेष्य यांच्या जोड्या जुळवा.

(३)

‘अ’ गट

‘ब’ गट

१) गरमागरम

माती

२) घोंघावणारा

नाते

३) काली

वाग

कांदाभजी

ब] अचुक शब्द ओळखून लिहा.

(३)

१) जगन्नाथ

जगनाथ

जागन्नाथ

२) डेयरींग

डेअरिंग

डेरिंग

३) हारट डिस्क

हार्ड डिसक

हार्ट डिस्क

क] वचन बदला.

(२)

१) वारा =

२) होडया =

३) नाती =

४) वेगळा =

प्रश्न ३ उतारा वाचुन त्या खालील प्रश्नांची उत्तरे लिहा.

महाराष्ट्रात सार्वजनिक गणेशोत्सवाची सुरुवात लोकमान्य टिळक यांनी केली होती. गणेश चतुर्थीला लोक आपापल्या घरात भगवान गणेशांची मूर्ती स्थापित करतात. गणेशोत्सवाच्या काही दिवसां आधीच बाजारांमध्ये तयारी सुरू होते. वेगवेगळ्या माती पासून बनवण्यात आलेली भगवान गणेशाची मूर्ती खरेदी केली जाते. यासोबतच पूजेचे सामान, फुले व मूर्तीच्या सजावटीसाठी वेगवेगळ्या सजावटीच्या वस्तू बाजारातून खरेदी केल्या जातात. गणेश चतुर्थी नंतर सर्व लोक पुढील दहा दिवस आपल्या घरात आणि मंदिरात भगवान गणेशांची पूजा अर्चना करतात. गणपती हे लहान मुलांचे आवडते देवता आहेत. श्री गणेशाची पूजा केल्याने बुद्धी समृद्धी आणि संपत्तीचे वरदान मिळते. म्हणूनच जेव्हाही कोणते नवीन कार्य सुरू केले होते तेव्हा श्री गणेशाचे स्मरण अवश्य होते. गणेश उत्सवाची समाप्ती अनंतचतुर्दशीच्या दिवशी होते.

प्रश्न :

- १) महाराष्ट्रात सार्वजनिक गणेशोत्सवाची सुरुवात कोणी केली ? (१)
- २) गणेश चतुर्थीला कोणाची मुर्ती स्थापन करतात ? (१)
- ३) बाजारातून कोण कोणत्या वस्तू खरेदी केल्या जातात ? (१)
- ४) गणपती कोणाचे आवडते देवता आहेत ? (१)
- ५) उताऱ्याला योग्य शीर्षक लिहा. (१)

प्रश्न ४ कोणत्याही एका विषयावर निबंध लिहा.

- १) भारताची अवकाश मोहिम
- २) निसर्गाशी मैत्री करू
- ३) माझे स्वप्न

(५)

# GUARDIAN SCHOOL

Std: VIII  
Date: 10/10/2023

TERMINAL EXAMINATION 2023-2024  
Sub: ENGLISH - I

Time: 2 Hrs  
Marks: 80

- Answers to this paper must be written on the paper, provided separately.
- You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- Answers all the questions. For questions one parts of questions are given in brackets [].
- The intended marks for questions one part of questions are given in brackets [].
- This paper consists of 4 pages

**Question 1. Write a composition (250-300) words on any of the following:**

[10] / 8

- a. My inspiring friend or family member
- b. A book that impacted your life.
- c. Role of technology in the field of education
- d. Illustrate the truth of a saying "You learn more from failure than from success "
- e. Study the picture given below. Write a story, description, or an account of what the picture suggests you. Your composition may be about the subject of the picture or you may take suggestions from it, however, there must be a clear connection between the picture and your composition.



**Question 2. Select one of the following:**

[10] / 7 or 8

- a) Write a letter to the Police Officer to seek action against the blaring loudspeakers that have disturbed the studies and sleep of the residents of your area.
- b) Write a letter to your brother who has been falling ill very frequently. Advise him to engage in outdoor activities and avoid playing too much of computer games.

**Question 3. Read the passage given below and then answer the questions:**

[20] / 20

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.



9. Give one word from the passage for the person who offer support and instruction to people as they exercise. [1] / 1

10. Make a sentence in using the word: **preserve** [1] / 1

**Question 4. a) Rewrite the following sentences putting the indirect object before the direct object :**

i) Riya gifted a watch to her mother. [3] / 3

ii) The Minister awarded a trophy to the winning team.

iii) The teacher organized an excursion trip for the students.

**a) Complete the sentences using suitable noun phrase:**

i) The lawyer knows \_\_\_\_\_.

ii) Jasmine thinks \_\_\_\_\_.

iii) Tell us \_\_\_\_\_.

[3] / 3

**c) Rewrite this advertisement using the given adverbs in the correct places:**

(reasonably, interestingly, amazingly, comfortably)

We have an \_\_\_\_\_ (i) \_\_\_\_\_ new collection of shoes for all occasions. They are designed to \_\_\_\_\_ (ii) \_\_\_\_\_ carry you around. \_\_\_\_\_ (iii) \_\_\_\_\_, they are \_\_\_\_\_ (iv) \_\_\_\_\_ priced too. [4] / 4

**d) Fill in the blanks with appropriate form of adverbs given in the brackets:**

[5] / 5

i) Akbar ruled his empire \_\_\_\_\_ than any other ruler. (wisely)

ii) Among all the players who participated in the tournament, Ronnie played the \_\_\_\_\_. (good)

iii) He will \_\_\_\_\_ do his work. (hardly)

iv) Of Rita and Neha, who lives \_\_\_\_\_ to the market? (near)

v) He rode the horse \_\_\_\_\_ than the other knight. (swiftly)

**Question 5. a) Underline the noun clauses and state the type:**

[5] / 3 or 4

i) I hope that the experiment would be successful.

ii) You should listen to what he is saying.

iii) Where you went yesterday is still a mystery for us.

iv) Jack wants to know how many people are invited for the party.

v) He did not go for the movie thinking that it would rain very heavily.

**b) Do as directed:**

[3] / 2

i) The Times is the most powerful newspaper in England. (Make it Positive)

ii) Very few countries are as rich as America. (Make it Superlative)

iii) Akbar was one of the greatest kings. (Make it Comparative)

**b) Tick the correct option:**

[2] / 2

i) This is the happiest day of my life. (Make it Positive)

a) This was the happy day of my life.

- b) No other day is as happy as this of my life.
- c) This is more happier than any other day of my life.

ii) Football is a popular sport. (Make it Comparative)

- a) Football is more popular than any other sport.
- b) Football is the most popular than any other sport.
- c) Football is more popular in all.

d) Change the tenses of sentences as per the instructions:

[5] / 6

- i) He \_\_\_\_\_ (complete) the work on time. (Make it Present Perfect Tense)
- ii) The children \_\_\_\_\_ (go) for a movie this Sunday. (Make it Present Continuous Tense)
- iii) The magician \_\_\_\_\_ (show) us some amazing tricks. (Make it Simple Past Tense)
- iv) He \_\_\_\_\_ (swim) for two hours. (Make it Future perfect continuous Tense)
- v) Jenny \_\_\_\_\_ (bake) a delicious cake. (Make it Past Perfect Tense)

Question 6. a) Rewrite the following sentences using Infinitive:

[3] / 3

- i) They were happy when they heard the good news.
- ii) She writes short stories and poems. It is her hobby.
- iii) You can borrow the paint box. You need the artist's permission.

b) Rewrite the following sentences using Gerund:

[2] / 1

- i) He plays the guitar. It is his new hobby.
- ii) She saw the injured puppy. She rushed to pick it up.

c) Identify the underlined group of words are Phrase or Clause:

[3] / 3

- i) The cat hid under the table.
- ii) Mona was studying when mother called her.
- iii) He saw a boy who was wearing a black hat.

d) Identify the given sentence as Finite or Non-Finite:

[2] / 2

- i) He wakes up early in the morning.
- ii) She saw the dog sleeping in front of the house.

STD: VIII  
Date: 11/10/2023

GUARDIAN SCHOOL  
TERMINAL EXAMINATION 2023-2024  
Sub: HISTORY/CIVICS

Time: 2 Hrs.  
Marks: 80

- Answers to this Paper must be written on the paper provided separately.
- You will **not** be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is time allotted for writing the answers.
- **Section I is compulsory.** Attempt **any four** questions from **Section II**.
- The intended marks for questions or parts of questions are given in brackets [ ].
- This paper consists of 4 pages

SECTION I

(Attempt ALL questions from this section)

Question 1:

Choose the correct answers to the questions from the given options.

(Do not copy the question, write the correct answers only)

[15]

1. Martin Luther was \_\_\_\_\_ Christian monk.  
a. British b. French c. German d. American
2. Modern age in India begins with the conquest of India by the \_\_\_\_\_.  
a. British b. Portuguese c. French d. Maratha
3. Characteristic features of Renaissance period are humanism, \_\_\_\_\_ & industrialisation.  
a. Rationalism b. Freedom c. Religion d. Revolution
4. Socialism was reaction to evils of \_\_\_\_\_.  
a. Imperium b. Capitalism c. Rationalism d. None of this
5. The first phase of industrial revolution was based on \_\_\_\_\_.  
a. Agriculture b. Mechanization c. Colonization d. Slavery
6. Colonies were used as \_\_\_\_\_ of cheap material.  
a. Supplier b. Capital c. Buyer d. Market
7. The American war of independence was the first \_\_\_\_\_ political revolution in the world.  
a. Most chaotic b. critical c. organised d. all the above.



8. \_\_\_\_\_ was chosen as commander of American troops in war against the British.  
 a. Abraham Lincoln    b. Napoleon Bonaparte    c. George Washington    d. Voltaire
9. \_\_\_\_\_ become new emperor of France after French revolution.  
 a. Louis the fifth    b. Napoleon Bonaparte    c. Martin Luther    d. None of these.
10. Guiding principles of French revolution are Liberty, equality and \_\_\_\_\_.  
 a. Fraternity    b. Socialism    c. Freedom of religion    d. Free will.
11. The invention of the \_\_\_\_\_ helped to spread the ideas of the Renaissance thinkers far and wide  
 a. Printing press    b. Telegraph    c. Telephone    d. Letters
12. Education, labour, matter of regional importance comes under \_\_\_\_\_.  
 a. Concurrent list    b. State list    c. National list    d. Union list.
13. \_\_\_\_\_ is constitutional head of Government of India.  
 a. President    b. Prime minister    c. Vice president    d. Governor.
14. The President carries out his/her functions on advice of the \_\_\_\_\_.  
 a. Rajya Sabha    b. Lok Sabha    c. Vice president    d. Prime minister
15. \_\_\_\_\_ can be dissolve by President.  
 a. Parliament    b. Lok Sabha    c. Rajya Sabha    d. Vidhan Sabha
16. The \_\_\_\_\_ organized themselves as trade unions to fight for their rights.  
 a. capitalists    b. landlords    c. workers    d. All of the above

## Question 2

1. Mention any four characteristic features of the modern period. [2] / 2
2. Why were trade unions formed? [2] / 2
3. Mention any two (a) primary and (b) secondary source material of modern period. [2] / 2
4. Why was Raw cotton from Southern state in America send to Lancashire in London? [2] / 2
5. Explain the term domestic system [2] / 2
6. What effect did American revolution had on French people? [2] / 2
7. What is basic qualification of member of Lok Sabha? [2] / 2

**PART II**

**SECTION A**

*Attempt any two questions from this Section.*

**Question 3**

With reference to functions of parliament, explain the following:

- i) Law Making Functions [4]
- ii) Control over the Executive [3]
- iii) Judicial Functions. [3]

**Question 4**

Discuss power and position of Prime Minister with reference to his relationship with the following:

- i) Parliament. [3]
- ii) The President [3]
- iii) The Council of Ministers [4]

**Question 5**

Supreme court is the highest judicial body in the country. In this context explain:

- i) Original jurisdiction. [4] 1/1
- ii) Appellate jurisdiction [3] 1/2
- iii) Why it is called Guardian of Constitution. [3] 1/2

**SECTION B**

*Attempt any three questions from this Section.*

**Question 6**

The capture of Constantinople by the Ottoman Turks led to the beginnings of Renaissance in Europe. With reference to this statement answer the following questions:

- i) How did it lead to revival of classical Greek and Roman learnings in Europe [3]
- ii) What effect did it have on trade? [3]
- iii) What effect did it have on Outlook and attitude of the people of Europe? [4]

### Question 7

With reference to following points, explain the social effects of industrial revolution:

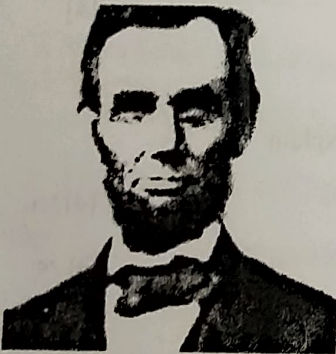
- i) Social Inequality. [3]/3
- ii) Harsh living condition of workers. [4]/4
- iii) Exploitation of workers. [3]/3

### Question 8

American war of independence was first organised political revolution in history of the world in this context answer the following questions:

- i) How was an American colony governed? Why were colonist resentful [3]/3
- ii) How did the American colonies differ from British? [3]/3
- iii) Why did American colonist refuse to pay taxes impose by British parliament in London? Give an account of Boston tea party incidence [4]/4

Question 9 Look at the picture given and answer the following questions:



- i) Identify the person given in picture. [1]/1
- ii) Discuss his views on slavery. [2]/2
- iii) How did he define democracy. [3]/3
- iv) Why did he not want the southern States to secede? What did he do to prevent it? [4]/4

### Question 10

With reference to American civil war answer the following questions:

- i) Explain briefly the nature and fundamental cause of the civil war. [3]
- ii) Give brief account of the course of the civil war. [3]
- iii) State positive and negative effect of the war [4]

Std : VIII

Date : 19/10/2023

GUARDIAN SCHOOL

TERMINAL EXAMINATION 2023-2024

Subject : Biology

Time : 2 Hrs

Marks : 80

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- **Section A is compulsory. Attempt any four questions from Section B.**
- The intended marks for questions or parts of questions are given in brackets [ ].
- This paper consists of 6 number of pages.

### SECTION A

(Attempt all questions from this section)

#### Question 1

Select the correct answers to the questions from the given options.

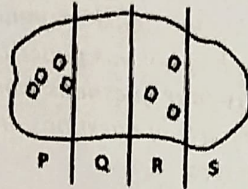
[15]

- i) Which of the following flowers mentioned below bear either the stamen or the pistil.  
A) Cucumber      B) Hibiscus      C) Papaya      D) Mustard  
a) Only A      b) Both B and D      c) Only C      d) Both A and C
- ii) In a food chain, frog is eaten by the snake. Here, snake is called –  
a) Primary consumer      b) Secondary consumer      c) Tertiary consumer      d) Any of these
- iii) In plants, pale spotted leaves occur due to the deficiency of -  
a) iron      b) manganese      c) magnesium      d) potassium
- iv) The exchange of oxygen and carbon dioxide into and out of leaf cells takes place by -  
a) Diffusion      b) Osmosis      c) Active transport      d) Transpiration
- v) Which of the following is produced by the ovaries (humans)?  
a) Oestrogen      b) Progesterone      c) Testosterone      d) Both a and b
- vi) Spongy pollen grains are a feature of flowers, pollinated by –  
a) wind      b) water      c) insects      d) all of these
- vii) Which of the following statements is incorrect?  
a) Organisms that reproduce asexually have identical offspring's.  
b) Plants obtain the energy for transport of substances through photosynthesis.  
c) The spinal cord controls the reflex actions.  
d) Grasslands are an example of a self-sustaining unit.

viii) Which of the following is a rhizome?

- a) Potato                      b) Ginger                      c) Radish                      d) Sweet potato

ix) Abhi cut the potato into sections as shown below. Which section(s) will NOT produce new plants?



- a) P                      b) Q and R                      c) Q and S                      d) P and R

x) Which of the following plants can be grown by the technique, in which a stem from one plant is inserted onto the lower part of another rooted plant?

- a) mangoes                      b) roses                      c) lemons                      d) all of these

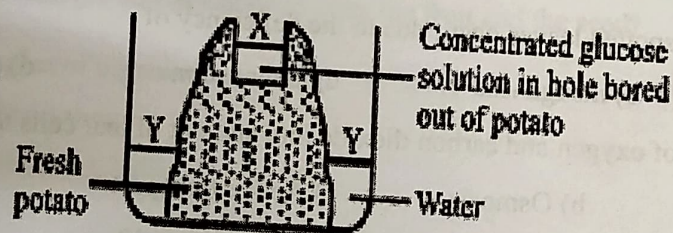
xi) Electrical messages are transmitted from one nerve cell to the other in \_\_\_\_\_ direction.

- a) two                      b) many                      c) one                      d) three

xii) Which of the following organism, does not feed on small fragments of dead materials?

- a) slugs                      b) hyenas                      c) earthworm                      d) mites

xiii) Refer the experiment given below. After a few days, which of the following will have occurred?



- (a) A rise in level X and a drop in level Y                      (b) A drop in level X and a drop in level Y

- (c) A rise in level X and a rise in level Y                      (d) A drop in level X and a rise in level Y.

xiv) In Amoeba, reproduction takes place by -

- a) Multiple fission                      b) Binary fission                      c) Both a and b                      d) None of these

xv) When we hear a noise, we turn our head in that direction. Here, noise represents -

- a) the response                      b) the stimulus                      c) both response and stimulus                      d) none of these

### Question 2

i) Name the following:

- a) A relationship between two organisms such that one organism hunts down the other for food.

[5]

- b) The fluid which protects the brain from mechanical shocks and injuries.
- c) The site where fertilization between the egg and the sperm occurs, in humans.
- d) Animals that feed on remains of dead animals.
- e) The junction between two nerve cells.
- ii) Choose the odd one out from the following terms and name the category to which the others belong. [5]
- a) Hydrilla, Maize, Vallisneria, Pondweed
- b) Stomata, Lenticel, Fibres, Cuticle
- c) Plant, Lion, Human, Water
- d) ANS, ATP, CNS, PNS
- e) Leaf, Stem, Flower, Root
- iii) Give reasons for the following. [5]
- a) Injury to medulla causes death.
- b) One organism may occupy positions in more than one food chain.
- c) Transpiration helps in the upward movement of water.
- d) The surface of cerebrum is folded.
- e) The testes are the primary reproductive organs of the male body.
- iv] State the exact location of the following structures. [4]
- a) Xylem      b) Cuticle      c) Spinal cord      d) Vas deferens
- v] Complete the analogy. [2]
- a) Tapeworm and man : Parasitism : : Honey bee and flowers : \_\_\_\_\_
- b) Sugarcane : Cutting : : Jasmine : \_\_\_\_\_
- vi] Arrange the sets given below and rewrite each set in a correct logical sequence. [2]
- a) Pericycle, Epidermis, Endodermis, Cortex, Root hair
- b) Lions, Giraffes, Jackals, Leaves, Fungi
- vii] Draw neat and labelled diagram of the following. [2]
- a) Parts of a nerve cell

### SECTION B

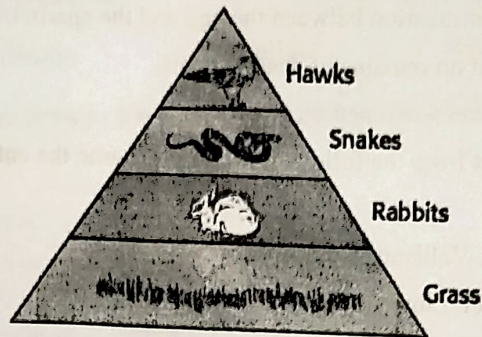
*(Attempt any four questions from this Section)*

#### Question 3

- i] State any two disadvantages of vegetative propagation. [2]
- ii] Distinguish between cerebrum and cerebellum based on location and function. [2]

iii] Study the diagram given below and answer the questions that follow:

[5]



- Identify the given figure and define it.
- Represent the organisms shown in the figure in the form of a food chain.
- Name the organism that will have the least amount of the total energy available.
- Rabbits receive only 10 % of the total energy available. Why?

iv] Define : Diffusion

[1]

**Question 4**

- State the modes of reproduction and define them.
- State difference between axon and dendrite (function)
- Define transpiration. Describe any two factors affecting transpiration.

[2]

[1]

[3]

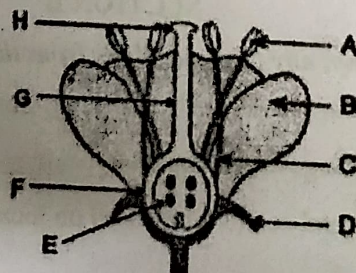
[4]

iv] Match the following:

- |             |                                                   |
|-------------|---------------------------------------------------|
| a) Soil     | 1) Dispersal of pollen grains and seeds of plants |
| b) Humidity | 2) Useful for domestic purposes                   |
| c) Air      | 3) Favourable environment for bacteria to grow    |
| d) Water    | 4) Dwelling place for a large number of animals   |
|             | 5) Flowering and fruiting cycles of plants        |

**Question 5**

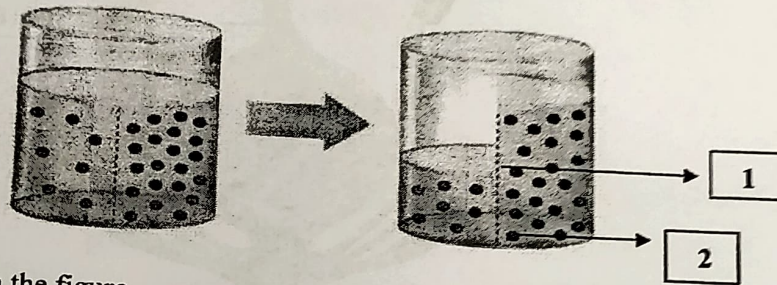
i) Observe the figure and answer the following questions.



- a) State the function of the part labelled as D and B respectively. [2]
- b) Which letters represent the parts of stamen and pistil respectively? [2]
- ii) How is the brain and the spinal cord protected? [2]
- iii) Define : a) Food chain      b) Decomposers [2]
- iv) Differentiate between : Stomata and Lenticel (location and rate of transpiration) [2]

**Question 6**

- i) Differentiate between – Biotic and Abiotic components [2]
- ii) Given below is an experimental set up of a certain process. Study the same and answer the following questions. [3]



- a) Label part 1 in the figure.
- b) Define the process occurring in the experimental set up.
- c) State the reason for the difference in the water level observed in the figure.

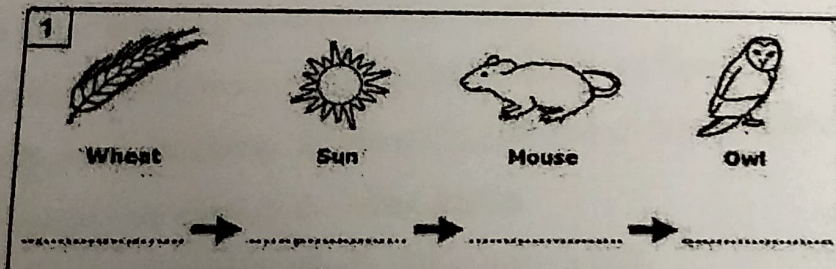
- iii) State the functions of - a) Urethra      b) Spores [2]

- iv) Correct the false statements. [3]

- a) A nerve is the structural and functional unit of the nervous system.
- b) Consumers help keep the environment clean and bring about recycling of nutrients.
- c) Spirogyra reproduces by binary fission.

**Question 7**

- i) Observe the figure and write the given components of the food chain in the correct order. Also write the components representing the prey and predator in the given food chain. [3]



- ii) State any two advantages of vegetative propagation. [2]



iii) How does transpiration help in – Cooling effect and water cycle? [2]

iv) Define: a) Response b) Stimulus c) Pollination [3]

**Question 8**

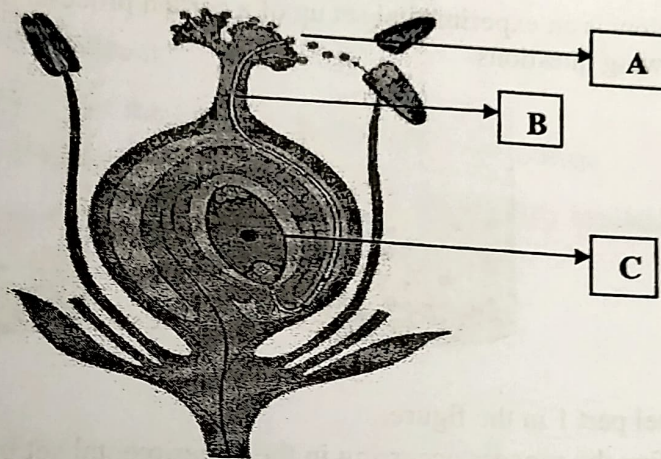
i) Distinguish between:

- a) Cranial nerves and Spinal nerves based on – 1) Origin 2) No. of pairs
- b) Xylem and Phloem using parameter - 1) Function 2) Main elements

[4]

ii) Study the given figure and answer the following questions.

[3]



a) Identify the process shown.

b) State the role of the part labelled as B in the above process.

c) Which part changes and develops to form the fruit and the seed?

iii) State two examples of organisms for each: a) Spore formation b) Budding [2]

iv) Define: a) Ecosystem [1]

[2]

[1]

Std: VIII

Date: 13-10-23

— GUARDIAN SCHOOL

TERMINAL EXAMINATION 2023-2024

Subject: GEOGRAPHY

Time: 2 Hrs.  
Marks: 80

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- Answer all questions in Part I
- A total of five questions to be attempted from Part II
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### PART I

(Attempt all the questions from this section)

#### Question 1

[15]

Choose the correct answer to the questions from the given options.  
(Do not copy the questions write the correct answers only)

1. \_\_\_\_\_ means to treat somebody in a cruel and unfair way, especially because of their race or religion.  
a] Persecute    b] Concession    c] Prerogative    d] Dispensation
2. \_\_\_\_\_ is a narrow open passage that is dug through high ground for road, railway or canal.  
a] Col    b] Gap    c] Cutting    d] Hill
3. The process of leaving one country to go and live permanently in another country is known as \_\_\_\_\_.  
a] Immigration b] Demographic c] Population Density d] Emigration
4. \_\_\_\_\_ is the North-west flowing river of Asia.  
a] Syr-Darya b] Ganga c] Salween d] Lena
5. In \_\_\_\_\_ Migration people have the choice to either stay or move.  
a] Free    b] Forced    c] Legal    d] Illegal
6. In the contour lines every fifth contour line which is more bolder and darker is known as \_\_\_\_\_.  
a] Contour Station b] Contour Interval c] Contour lines d] Contour Index
7. \_\_\_\_\_ has the largest population in the world.  
a] India    b] China    c] Bangladesh    d] Indonesia

8. \_\_\_\_\_ means a sum of money that is sent to somebody in order to pay for something.  
 a] Repression b] Persecute c] Remittance d] Debit
9. \_\_\_\_\_ Settlements are built by people engaged in hunting and gathering.  
 a] Permanent b] Linear c] Temporary d] Dispersed
10. Urban areas generally have \_\_\_\_\_ population density.  
 a] Lower b] Moderate c] Higher d] point a & c
11. The Longest Strait of Asia is-\_\_\_\_\_.  
 a] South China Sea b] Strait of Malacca c] Palk Strait d] Sunda strait
12. Which is the Deepest Sea of Asia?  
 a] Andaman Sea b] Red Sea c] Arabian Sea d] South China Sea
13. The pyramid depicting \_\_\_\_\_ has a narrow base, a bulging middle that reflects low birth and death rates and a slight narrow apex.  
 a] Declining Population b] Constant Population c] Expanding Population d] Rising Population.
14. The capital of Turkey is \_\_\_\_\_  
 a] Doha b] Muscat c] Male d] Ankara
15. On the topographical map \_\_\_\_\_ is shown in black colour.  
 a] Dry Streams b] River c] Lake d] Settlements

### Question 2

[5]

Give geographical reasons for the following.

1. The Plateau of Tibet is an inter-montane plateau.
2. Forced migration is an involuntary action.
3. The Pamir's is known as the Pamir knot. Why?
4. The human settlements to a particular place can be temporary and permanent both.
5. Overpopulation is a very undesirable condition

### Question 3

Observe the given maps and answer the following questions.

[5]

#### MAP READING

Refer the map of Asia and answer the following.

1. Name two countries through which the Tropic of Cancer passes.
2. What is the capital of Taiwan?
3. Name any two countries from the East Asia.
4. Which Sea is located in the Eastern direction of City Shanghai?
5. Name any two cities of Iran.

## MAP MARKING

Mark the following features on the map of India by using the appropriate colours. [5]

1. Pacific Ocean
2. Strait of Malacca
3. Persian Gulf
4. River Ob
5. Urals Mountain range

## PART II

(A total of five questions to be attempted)

### Question 4

With reference to the Topographical Maps answer the following questions.

1. Mention any three features of the Grid System. [3]
2. In what ways are the map's legend or keys important and what might happen if you don't know how to read the map legend or key? [3]
3. Describe what is a four figure and a six figure grid reference and how are they useful? [4]

### Question 5

With reference to world Population answer the following questions.

1. What is Under Population and list in detail the positive impact of Under population. [3]
2. How does immigration and emigration affect the population of a place? Explain with example. [3]
3. Give a detail note on the following: [2]
  - a. Rural & urban composition of population. [2]
  - b. Age and Sex composition of population. [2]

### Question 6

With reference to Migration in world answer the following.

1. Describe the following in one sentence each: [3]
  - a. Urban to rural migration
  - b. Free migration
  - c. Rural to rural migration
2. Explain in brief any three push factors of Migration. [3]
3. A large number of Indians migrate to USA & other countries, what do you think, is brain drain affecting the economic growth of the country? Mention two negative and one positive impact of Brain Drain. [4]

### Question 7

With reference to Location and regional divisions of Asia answer the following.

1. What is the location and extent of Asia? [3]
2. Give a detail note on the Specialities of the Central Asia. Name any two countries of Central Asia. [3]
3. Describe the following: [2]
  - a. East Asia [2]
  - b. North Asia [2]

### Question 8

With reference to the type of settlements shown on a topographical map answer the following questions.

1. Describe Nucleated Settlements and explain why they have well- knit communities? [3]
2. What are Linear Settlements and which places do these settlements gradually develop? [3]
3. Define Scattered Settlement. . [2]
4. Describe why scattered settlement has sparse population and what is another name of scattered settlements? [2]

### Question 9

With reference to physical features of Asia answer the following.

1. Asia has wide varieties of Mountain ranges; explain how these mountains are useful to us? [3]
2. There are many fertile river valley and plains in Asia, the earliest civilizations developed along the river banks of Asia, why do you think this happened? [3]
3. Write briefly about:
  - a. The Arabian Plateau [2]
  - b. The Deccan Plateau. [2]

### Question 10

With reference to Topographical Maps answer the following questions.

1. What is Triangulated Stations? [3]
2. What is a sheet number and where is it found on the Topo map? [3]
3. Describe the following: [2]
  - a. Contour Interval. [2]
  - b. Spot height.