Q. 1 Choose the correct alternative.

(I.) By which instrument is blood pressure measured ?

(a) sphygmomanometer   (b)Barometer

(II.) Haemoglobin contains?

(a)Iron   (b) Iodine

(III.) Which part of flower forms fruits?

(a)Ovary   (b) Stamen

(IV.) The filament of an electric bulb is made up of a thin wire of ?

(a)Tungsten   (b)Nicrome

(V.) This is level of ground water?

(a)Water table   (b)Aquifer

Q.2 Answer the following

(I.) Without touching a mirror, how can you know whether it is concave or Convex?

(II.) Name the factors affecting the depletion of water table

(III.) Describe the steps in getting clarify water from waste water.

(IV.) What are different uses of forest

(V.) Draw a diagram to show the splitting of white light into seven color on passing through prism

(VI.) What are the components of blood?

(VII.) Diagrammatically represent fertilization in plant

(VIII.) Why should air coolers be kept higher up in the room and not down like the heater?

Q.3 Long Answer type questions

(I.) How are seeds dispersed by animals ? Give two example of such seed

(II.) What are different reasons of deforestation

(III.) Poor sanitation leads to disease. Justify

(IV.) Explain how respiration occurs in plant

(V.) Give an experiment to demonstrate the role of diaphragm in breathing

[History]

Q.1. Answer in very short.

(a) What do you mean by culture?

(b) Name the major patrons of Kathak.

(c) Who was the last Mughal Emperor of India?

(d) Delhi was invaded by which Mughal Emperor in AD 1739?

Q.2. Answer in short.

(a) What were the offices held by Saadat Khan?

(b) What was the importance of merchants and bankers in the 18th century AD?

(c) What is Manipravalam? Name a book written in this language.

(d) What do you understand by the Kangra School of painting?

Q.3. Long answer.

(a)The Marathas were wanted to expand beyond the Deccan. Give reasons.

(b) Describe the development of music during the medieval period.

[Civics]

Q.1.Very Short answer.

(a) Mention some work that a women is expected to do within her family.

(b) What does our Constitution say about gender inequality?

(c) What do you mean by a market?

(d) Define neighbourhood market.

Q.2.Short answer.

(a) What is the gender division of labour within the family?

(b) Explain the various features of a shopping complex.

[Geography]

Q.1. Draw the flow chart of Types of Natural Vegetation.

Q.2. What do you know about the flora and fauna?

Q.3. Differentiate between the tropical evergreen and tropical deciduous forests.

Q.4. Mass media plays a significant role in our life. How?

Q1. Answer the following:

(1) Convert the following into fraction.

   (a) 4,607.075   (b) 924.275

(2) Which is greater?

   (a) 39.880 or 39.088   (b) 11.23 or 11.99

(3) Solve the following.

   (a) 1,475.125 + 3,807.0125 + 7.0175   (b) 65.008 – 42.987

(4) Write decimals for each of the following

   (a) 5 hundreds + 5 hundredths

   (b) 5 ones + 6 tenths + 4 hundredths + 2 thousandths

(5) Express using decimal:

   (a) 90 Paisa as rupees (b) 450 cm as metres

   (c) 2,150 g as kg   (d) 6,758 m as km

(6) What is the difference between the sum and difference of 37.46 and 12.78?

(7) What should be added to 875.67 to get the smallest 4-digit number?

(8) A car travels 47.25 km in15 L of petrol. Find the distance travelled by the car in 1L petrol.

(9) Aakash bought vegetables weighing 10 kg. Out of this, 3 kg 500 g is onions, 2 kg 75 g is tomatoes and the rest is potatoes. Find the weight of potatoes .

(10) What are like decimals ? Give one example.

(11) Naresh walked 2 km 35 m in the morning and 1 km 7 m in the evening. How much distance did he walk in all?

(12)Find the perimeter of rectangle whose length is 5.65 cm and breadth is 2.05 cm.

Q2. Solve the following:

1. Write any 5 rational numbers between $\frac{3}{7}$ and $\frac{6}{11}$.

2. Simplify: $\left(\frac{-4}{18} \times \frac{18}{-3}\right) - \left(4 \times \frac{3}{8}\right) + \left(\frac{3}{4} \times \frac{8}{9}\right)$

3. Simplify: $\left(-3\frac{1}{4} \div \frac{5}{6}\right) \times \frac{5}{-13}$

4. Divide the sum of $\frac{3}{8}$ and $\frac{-2}{5}$ by their difference.

5. Find the value of : $\frac{7}{15} \times \frac{-8}{91} \times \frac{91}{-16} \times \frac{15}{4} \times 0$

6. By what rational number should $\frac{-8}{19}$ be divided to obtain $\frac{-2}{19}$?

7. By taking a = $\frac{2}{3}$ and b = $\frac{-4}{5}$,verify the following

   (a) |a + b| $\leq$ |a| + |b| (b) |ab| = |a| |b|

(Q1) Rewrite the passage, correcting all capitalization and punctuation mistakes.

I am so happy that rescue teams are on alert at all times to come to the aid of stranded or lost hikers i recently attended one of the classes teams hold to help campers think ahead about unexpected situations what if someone in my group became ill or injured what kind of weather conditions might I expect do I have the skills necessary to safely complete the trip I plan to make these questions never occurred to me

(Q2) Correct the capitalization or punctuation of each sentence. Then identify the sentence type in the space provided.

(a) Talk to Tiana about food to bring on the trip?

(b) What a beautiful sight Mohonk Mountain is!

(c) Why must he always complain about his aching back!

(d) TheShawangunk Mountains are in New York state.

(e) Bring your cell phone on the trip tomorrow?

(f) hiking is great exercise.

(g) How long will we be gone.

(h) Don't expect to be home before 8:00 P.M.!

(i) go to sleep early the night before the hike!

(j) We will be leaving at 5:00 A.M.?

- निम्नलिखित प्रश्नों के उत्तर लिखो

1. शब्द किसे कहते है ? उदहारण सहित लिखो |

2. खोत के आधार पर शब्द के कितने भेद होते है ? भेदों की परिभाषा उदहारण सहित लिखो |

3. प्रयोग के आधार पर शब्द के कौन कौन से भेद होते है | परिभाषा व उदहारण सहित लिखो |

4. अर्थ के आधार पर शब्द के भेद व उनकी परिभाषा उदहारण सहित लिखो |

5. समश्रुत भिन्नार्थक शब्द लिखो |

6. एकार्थी प्रतीत होने वाले शब्द कौन कौन से होते है ?

7. तत्सम, तद्भव शब्दो के दस दस उदहारण लिखो |

8. देशज, विदेशी शब्दो के पाच पाच उदहारण लिखो |

9. दिए गए शब्दो के दो दो अर्थ लिखो :-

कर, अंक, कला, पूर्व, पानी, अंबर

10. दिए गए शब्दो के वाक्यांश करो :-

अविश्वसनीय, अद्वितीय, प्रत्यन

11. निम्नलिखित शब्दो के विलोम लिखो :-

सार्थक, एक, हर्ष, जय, पराधीन

12. पर्ययवती लिखो :- दूध, आँख, वायु, बादल