Class: Nine   Date:- _____   **Name:-** _____

Subject: English

1. Write a short review on the movie Contagion which became very popular after the Corona outbreak.

2. Make ten sentences using different joining words (conjunctions).

3. Write a few paragraphs describing yourself.

Subject - Social Studies

1: Draw a map of Nepal graphically and insert five national parks.
2: 'Dowry system is a curse for daughters'. Prove this statement.
3: Write a couple of paragraphs on Novel Corona virus/ COVID 19.

HPE

1. Tick (√) the correct alternative from the list.

a. What do you mean by personal hygiene?

      i. Cleanliness for all members of the family

      ii. Cleanliness for the society

      iii. Cleanliness for the school

      iv. Cleanliness for own self

b. What different measures should we follow in order to protect our eyes?

      i. Have eyes checked up frequently

      ii. Always keep eyes clean

      iii. Eat green vegetables and yellowish fruits.

      iv. All of the above

c. What do you mean by regular health check-up?

      i. The check-up to find out the health condition

      ii. The check-up we make when we are sick

      iii. The check-up after getting an accident

      iv. No need of regular health check-up

2. Give short answer to the following questions:

a. What are the things we need to be careful for personal health? Write briefly.

b. What do we need to do to protect our eyes? Prepare a list of such measures.

c. What is the advantage of regular health check-up?

Subject – Science
1. **What is radical? Write the symbol and valency of the following radicals.**
   - a. Hydroxide
   - b. Carbonate
   - c. Sulphate
   - d. Bicarbonate
   - e. Bisulphate
   - f. Nitrate
   - g. Peroxide
   - h. Nitrite
2. **What is molecular formula? Write the molecular formula of the following**
   - a. Sodium chloride
   - b. Calcium carbonate
   - c. Magnesium Oxide
   - d. Hydrogen peroxide
   - e. Aluminium oxide
   - f. Potassium hydroxide
   - g. Calcium sulpate
   - h. Sodium nitrate
   - i. Magnesium bicarbonate
3. **Convert the following word equation into balanced chemical equation.**
   - a. hydrogen + oxygen = water
   - b. Sodium + water = Sodium hydroxide + Hydrogen
   - c. Sodium hydroxide + Hydrochloric acid = Sodium chloride + Water
   - d. Magnesium + oxygen = Magnesium Oxide
4. **What is acid? Write the 3/3 name of organic and inorganic acid.**
5. **Write the change in colour of different indicators (litmus paper, methyl orange and phenolphthalein) with alkali and acid.**

Subject – Mathematics
1. Divide Rs 240 between Rita and Renu in the ratio of 3 : 5**.**
2. What is the ratio of 75 paisa to Rs 3**?**
3. Find the ratio of 20 cm and 25 cm.
4. Find the ratio of Rs 75 and 750 paisa.

Long Questions

1. Divide Rs.315 among Sushma, Renu and Anisha in the ratio of 2: 3: 4**.**
2. Two numbers are in the ratio 2 : 3, if 3 is added to both, the ratio will be 5 : 7. Find the numbers.
3. Two numbers are in the ratio 5 : 7. If 3 is added to both of them, the ratio will be 4 : 5. What are the numbers?

Subject – Opt. Mathematics
1. If $(2x + 2y, 2x - y) = (5, 1)$, find the value of x and y.
2. Find the equation of straight line having point A $(1, 3)$ and B $(2, 5)$.
3. Find the equation of straight line having y – intercept 3 units and slope 5.

Computer
1) What is computer network? Write the advantages of computer network.

2) What is Internet? Write the services of Internet.

3) What is E-mail? Write its advantages.

The End.