



Holiday Homework
Class-VII
Science

Physics

1. Give one word for the following explanations:
 - a) Meter fitted in vehicle to measure the speed.
 - b) Total distance covered by a body in unit interval of time.
 - c) Change in position of a body with time.
 - d) Time interval of 1000 years.
 - e) Watch used to measure exact time taken during the event
2. What is uniform motion? Why speed of a vehicle is not always uniform on roads?
3. Arrange the following slowest to fastest speed.
 - a. Speed of a car.
 - b. Speed of aero plane
 - c. Speed of bicycle
 - d. Speed of walking
 - e. Speed of auto-rickshaw
4. A truck travels 540 km in 4.5 hrs. Find the speed of truck.
5. Name the following
 - a. A repetitive motion which takes place at equal intervals of time.
 - b. Number of vibration per second.
 - c. Time taken to complete one oscillation.
 - d. S.I unit of time.
 - e. Watch that give more accurate time than pendulum clock.

6. Why is mercury used in thermometers?
7. Why people advised to wear white clothes in summer?
8. What is boiling point? What is the boiling point of pure water?
9. Mention the type of heat transfer in following:
 - a. Heating of water
 - b. Reaching of Solar energy to earth
 - c. Heating of iron rod
 - d. Sea breeze in coastal area
 - e. Cooking of food in utensils.
10. Name the following
 - a. Fastest mode of transfer of heat.
 - b. Mode of transfer of heat where no medium is required.
 - c. The metal used in the bulb of thermometer.
 - d. Mode of transfer of heat where the medium does not get heated.

Chemistry

1. Make a table: Symbols and Atomic numbers of first 20 elements in periodic table in A4 sheet with colourful.
2. Write the formula of the following:
 - a. Hydrochloric acid
 - b. Sulphuric acid
 - c. Calcium hydroxide
 - d. Magnium hydroxide
3. (a) How is silk fibre obtained from cocoon?
(b) Name the property of silk which makes it so attractive.
4. Which respiratory diseases are common among the workers of sericulture industry? What is the cause of the disease?

5. How many eggs can a female silk moth lay?
6. Collect different animal pictures from which wool is obtained and paste in one A4 sheet.
7. Name the acids present in the following
 - a. Vinegar
 - b. Curd
 - c. Tamarind
 - d. Citrus fruits
8. When hydrochloric acid is added to sodium hydroxide solution, sodium chloride and water are formed.
 - a. Name this reaction.
 - b. What changes in colour will be observed when
 - i. A strip of blue litmus paper is dipped in it.
 - ii. A strip of red litmus paper is dipped in it.
9. Write any three salts names and formula along with uses in tabular form.
10. Give reason- An antacid tablet is taken when you suffer from acidity.

Biology

1. Name the type asexual reproduction in following organisms.
 - a) Yeast
 - b) Bread mold
 - c) Rose
 - d) Banana
 - e) Bacteria
2. Rearrange the letters to make a word related to reproduction and define it.
 - a) Lofewr
 - b) Amgete

- c) Llipontion
- d) Dbudnig
- e) Yavro

3. Classify the following as monocotyledons and dicotyledonous plants.

Gram, pea, rice, wheat, banana, guava, rose, maize.

4. Rearrange the jumbled words to get word related to human circulatory system and write the Functions in one sentence.

- a) Eaht
- b) Nvenis
- c) Lpsama
- d) Moheabinglo
- e) Tearry

5. What is blood? Write its composition?

6. What are tissues? Name any two complex tissues present in plants

7. Write difference between food chain and food web?

8. List five products that we obtain from forests.

9. Why forest is called as dynamic living entity?

10. What is drip irrigation?