

# Revision Questions for Yearly Examination,2017-18

## Science

### Class-5

- 1) How would you classify non luminous materials on the basis of passage of light through them? Give example for each type.
- 2) Is mirror a transparent object? Justify your answer.
- 3) What are the basic things required for formation of shadow?
- 4) State the characteristics of a shadow.
- 5) In which part of the day the shadow of an object formed by the sun is the longest and when is it the shortest?
- 6) Differentiate between atoms and molecules.
- 7) Draw a) an oxygen molecule b) a water molecule. Point out one difference between the two molecules.
- 8) Differentiate between solid, liquid and gas on the bases of: a) shape b)intermolecular space
- 9) Differentiate between: (with examples wherever possible)
  - a)evaporation and condensation
  - b)freezing and melting
  - c)expansion and contraction
  - d)physical change and chemical change
- 10) Give reasons:
  - a)wet clothes dry after sometime
  - b)a metal ball which just passes through a ring would not do so when heated
  - c)water droplets form on the outer surface of a glass of cold water
  - d)cooking is a chemical change.
- 11) State the importance of atmosphere. Which layer of atmosphere affects our daily life?
- 12) Give one importance each of the following gases:
  - a) Nitrogen
  - b) Oxygen
  - c) Carbon-dioxide
  - d) Water
- 13) State the property of air which helps in the following:
  - a) Using of vaccum cleaner.
  - b) Filling up of injection syringes.
  - c) Burning of candle.
- 14) What is potable water? How can you purify drinking water?
- 15) What is filtration? How does it affect our daily life?
- 16) Define the terms: a) pollutants and b ) pollution.
- 17)Mention any three ways how the air can be polluted.
- 18)What is greenhouse effect? What is its result?
- 19)What is soil erosion?
- 20)How can you save our environment? ( Give any three points)
- 21) State the effects of force.
- 22) Name the force by which any two substances in the universe attract each other.
- 23) How is frictional force advantageous in our daily life?
- 24) What is mechanical energy? What are its types?
- 25) What are the different types of simple machines? Give an example for each.