

Note:

Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

- 1.1** Which one is not the result of mitosis in an organism :
- Ⓐ Regeneration Ⓑ Cells replacement
 Ⓒ Development and growth
 Ⓓ Become half no. of chromosomes
- 2** The vitamin which increases the absorption of minerals from intestine and deposition in bones is :
- Ⓐ Vitamin-A Ⓑ Vitamin-B
 Ⓒ Vitamin-C Ⓓ Vitamin-D
- 3** Prions are composed of:
- Ⓐ Carbohydrates Ⓑ Proteins
 Ⓒ Fats Ⓓ Minerals
- 4** The major energy currency of all the cells is :
- Ⓐ ATP Ⓑ FAD
 Ⓒ Sun light Ⓓ NAD
- 5** The cytoplasm of red blood cell is filled with haemoglobin about:
- Ⓐ 85 % Ⓑ 90 %
 Ⓒ 95 % Ⓓ 100 %
- 6** The profession of biology which deals with the development and maintenance of different types of farms:
- Ⓐ Forestry Ⓑ Farming
 Ⓒ Horticulture Ⓓ Animal husbandry
- 7** The membrane-bounded organelles that only occur in the cells of plant and algae are :
- Ⓐ Ribosome Ⓑ Mitochondria
 Ⓒ Plastid Ⓓ Endoplasmic reticulum
- 8** The element which makes 18% of the total mass of living organism is :
- Ⓐ Hydrogen Ⓑ Carbon
 Ⓒ Oxygen Ⓓ Nitrogen
- 9** Which is true about co-factor:
- Ⓐ Bring hydrogen bond in proteins
 Ⓑ Help and facilitate enzyme activity
 Ⓒ Increase activation energy Ⓓ Composed of proteins
- 10** Cells were first described by a British scientist:
- Ⓐ Louis Pasteur Ⓑ Rudolf Virchow
 Ⓒ Robert Brown Ⓓ Robert Hooke
- 11** The most basic step of biological method is :
- Ⓐ Observation Ⓑ Deduction
 Ⓒ Hypothesis Ⓓ Experimentation
- 12** Stomata covers only — % area of the leaf surface is:
- Ⓐ 1 - 2 Ⓑ 1 - 3
 Ⓒ 1 - 4 Ⓓ 1 - 5