

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 "Scientific knowledge is the common heritage of mankind" is the saying of _____.
- Ⓐ Jabir-bin-Hayan Ⓑ Dr. Abdus Salam
Ⓒ Dr. Samar Mubarik Ⓓ Dr. Abdul Qadeer Khan
- 2 If a scientist is studying the methods of inserting human insulin gene in bacteria, it will be _____ branch of Biology.
- Ⓐ Anatomy Ⓑ Physiology
Ⓒ Pharmacology Ⓓ Biotechnology
- 3 One litre of Ethanol is equal to _____.
- Ⓐ 789 g Ⓑ 1000 g
Ⓒ 950 g Ⓓ 780 g
- 4 Mountain-ebony, an ornamental plant has been given the name _____.
- Ⓐ Bauhinia Veriegata Ⓑ Allium Ceba
Ⓒ Asterias Rubens Ⓓ Pisum Sativum
- 5 Fluid Mosaic Model explains the structure of _____.
- Ⓐ cell wall Ⓑ cell membrane
Ⓒ nucleus Ⓓ plastids
- 6 In an adult human, _____ cells die every day.
- Ⓐ 50-70 billion Ⓑ 50-60 billion
Ⓒ 50-70 million Ⓓ 50-70 thousands
- 7 The concept of metabolism was given by _____.
- Ⓐ Louis Pasteur Ⓑ William
Ⓒ Ibn-e-Nafees Ⓓ Jabir-bin-Hayan
- 8 From _____ Hydrogen comes to reduce 3-Carbon

compounds to form Carbohydrates.

- Ⓐ $C_6H_{12}O_6$ Ⓑ Carbondioxide (CO_2)
Ⓒ C_2H_5OH Ⓓ Water (H_2O)

- 9 Fritz Lipmann was awarded Nobel Prize for _____.
- Ⓐ detailed work on photosynthesis
Ⓑ for details of cellular respiration
Ⓒ proving that ATP is the main energy producing molecule
Ⓓ discovery of ATP
- 10 The Villi are found in _____.
- Ⓐ esophagus Ⓑ stomach
Ⓒ small intestine Ⓓ large intestine
- 11 In stomach, Pepsinogen is converted into _____.
- Ⓐ Peptides Ⓑ Bicarbonates
Ⓒ Gastrine Ⓓ Pepsin.
- 12 All arteries carry Oxygenated Blood except _____.
- Ⓐ Mesenteric artery Ⓑ Pulmonary artery
Ⓒ Femoral artery Ⓓ Celiac artery