

NAT I Medical Biology

Sr	Questions	Answers Choice
1	Which of the following substances provide energy to the body	A. Carbohydrates B. Fats C. Amino acids D. All of above
2	Any substance that supplies the body with elements necessary for metabolism is called	A. Nutrition B. Excretion C. Respiratory substance D. Circulatory substance
3	The instrument that is used to measure the relative abilities of different pigments to absorb different wavelengths of light is	A. Viscometer B. Thermometer C. Spectrophotometer D. Electrometer
4	Chloroplasts is a	A. Single membrane structure B. Double membrane structure C. Triple membrane structure D. None
5	Chloroplasts are present mainly in	A. Epidermis B. Mesophyll tissues C. Stoma D. Vascular bundle
6	Photosynthesis occurs only during	A. Day B. Night C. Day and night D. Evening
7	Respiration in plants occurs only	A. Day B. Night C. Day and night D. Day & evening
8	During the photosynthetic reactions what are the products	A. Water and light B. Carbon-dioxide & light C. Glucose and oxygen D. All of above
9	The process of photosynthesis in green plants in	A. $\text{CO}_2 + \text{O}_2 \xrightarrow{\text{light}} \text{CHO} + 6\text{O}_2 + 6\text{H}_2\text{O}$ B. $6\text{CO}_2 + 12\text{H}_2\text{O} \xrightarrow{\text{light}} \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2 + 6\text{H}_2\text{O}$ C. $6\text{CO}_2 + 12\text{H}_2\text{O} \xrightarrow{\text{light}} \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$ D. None
10	The process in which energy-poor inorganic oxidized compounds of carbon and hydrogen are reduced to energy rich carbohydrates using the light energy is called	A. Evaporation B. Transpiration C. Respiration D. Photosynthesis
11	Which organelle of the plants capture light energy coming from sun	A. Mitochondria B. Cell wall C. Chloroplasts D. Ribosomes
12	The quantitative study of energy relationships and energy conversions in biological system is called	A. Bioenergetics B. Biotechnology C. Biochemistry D. Molecular biology
13	In porifera the food enters the spongocoel cavity through the	A. Osculum B. Outer wall C. Ostia D. None
14	Which of the following statement about Porifera is not true	A. There are respiratory and circulatory organs B. Pores are present in the body wall

- C. Water enters the body through ostia
- D. Water leaves the body through osculum