

Time: 20 Minutes**OBJECTIVE Code: 8465**

01021074

Marks: 17

Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

1. 1. Period of life cycle of cell between two consecutive divisions is termed as
(A) resting phase (B) interphase (C) G1-phase (D) S-phase
2. Reproduction is necessary for the survival of
(A) individual (B) species (C) community (D) biome
3. Which of the following is a renewable resource?
(A) oil and air (B) water and oil (C) oil and gas (D) air and water
4. The basic functional unit of ecology is
(A) ecosystem (B) population (C) niche (D) community
5. Expression of a trait is termed as
(A) phenotype (B) genotype (C) wild type (D) mutant type
6. A plant adapted to remove the flooding of its cells in fresh water is
(A) xerophyte (B) mesophyte (C) hydrophyte (D) geophyte
7. A group of bacteria that can tolerate temperature upto 120°C .
(A) eubacteria (B) mycoplasma (C) E-Coli (D) archaeobacteria
8. Which bone does provide attachment site for muscle?
(A) spongy bone (B) soft bone (C) cartilage (D) compact bone
9. Recombinant DNA is introduced into the host cell by means of a
(A) phage (B) vector (C) bacterium (D) fungus
10. Which one is not a mesophyte?
(A) cactus (B) mango (C) rose (D) brassica
11. Movement and rearrangement of the cells in the embryo is called
(A) gastrulation (B) cleavage (C) fertilization (D) blastula
12. Bundle caps in sunflower stem are formed by
(A) parenchyma (B) sclerenchyma (C) mesenchyma (D) collenchyma
13. The average rainfall in temperate deciduous forest is between
(A) 600 – 1500 mm (B) 650 – 1500 mm (C) 750 – 1500 mm (D) 700 – 1500 mm
14. For the formation of phragmoplast, the vesicles originate from
(A) endoplasmic reticulum (B) ribosome (C) golgi complex (D) chloroplast
15. Primary growth in plants is caused by
(A) lateral meristem (B) intercalary meristem (C) apical meristem (D) secondary meristem
16. Chromosomes appear inside the nucleus at the time of
(A) cell elongation (B) cell maturation (C) cell differentiation (D) cell division
17. Plant hormones, which are indole acetic acid or its variants are
(A) auxins (B) gibberellins (C) ethene (D) abscisic acid