

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	Nissl's granules are group of : (A) Mesosomes (B) Lysosomes (C) Ribosomes (D) Chromosomes
2	Morphological characteristics of chromosomes are collectively called : (A) Karyotype (B) Neotype (C) Holotype (D) Phenotype
3	According to endosymbiont hypothesis, the aerobic bacteria developed into : (A) Ribosome (B) Lysosome (C) Mitochondria (D) Plastids
4	Establishment of new forests, where no forests existed before is called : (A) Reforestation (B) Afforestation (C) Deforestation (D) Desertification
5	Contractile vacuoles are found in : (A) Plants (B) Fresh water protozoa (C) Land animals (D) Land plants
6	Locus is : (A) Part of DNA (B) Position of gene (C) Partner of gene (D) Part of gene
7	The process of moulting is controlled by enzyme called : (A) Ecdysone (B) Aldosterone (C) Oxytocin (D) Androgen
8	Full cell cycle in yeast cells has length of : (A) 30 minutes (B) 60 minutes (C) 90 minutes (D) 120 minutes
9	The abiotic component of an ecosystem is : (A) Temperature (B) Producer (C) Consumer (D) Decomposer
10	Immediately after fertilization, the egg under goes some series of mitotic divisions called : (A) Morulla (B) Blastula (C) Gastrulation (D) Cleavage
11	In 1 gm of ammonia nitrogen requires how much water for excretion : (A) 50 ml (B) 100 ml (C) 200 ml (D) 500 ml
12	Hatching period of chick is : (A) 15 days (B) 20 days (C) 21 days (D) 25 days
13	Which one is the type of asexual reproduction : (A) Apomixes (B) Vernalization (C) Fertilization (D) Phototropism
14	DNA synthesis and chromosomal doubling occurs in : (A) G ₁ - phase (B) G ₂ - phase (C) G ₀ - phase (D) S - phase
15	Mature bone cells are called : (A) Osteoblast (B) Osteocytes (C) Osteoclasts (D) Chondrocytes
16	The enzyme which joins the two pieces of DNA is : (A) DNA ligase (B) DNA polymerase (C) Endo nuclease (D) Lipase
17	Which of the following is vestigial organ of whole : (A) Gills (B) Leg bones (C) Lungs (D) Pelvis and leg bones