

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	The simplest form of learning is : (A) Habituation (B) Imprinting (C) Insight learning (D) Latent learning
2	The particular array of chromosomes that an individual possesses is called : (A) Genome (B) Genepool (C) Karyotype (D) DNA-Duplex
3	The change in frequency of alleles at a locus that occurs by chance is called : (A) Genepool (B) Genetic (C) Genetic drift (D) Mutation
4	Upper layer of earth's crust is : (A) Dust (B) Sand (C) Land (D) Soil
5	The malpighian tubules remove nitrogenous wastes from the : (A) Lymph (B) Haemolymph (C) Coelomic fluid (D) Hind gut
6	Hypophosphatemic rickets is an X-linked : (A) Dominant trait (B) Co-dominant trait (C) Over-dominant trait (D) Recessive trait
7	The disease which causes immobility and fusion of vertebral joints is called : (A) Arthritis (B) Rickets (C) Sciatica (D) Spondylosis
8	The pairing of homologous chromosomes is completed in phase of meiosis : (A) Leptotene (B) Zygotene (C) Pachytene (D) Diplotene
9	Which of the following biome is most fragile : (A) Tundra (B) Desert (C) Grassland (D) Forest
10	Discharge of egg from ovary is called : (A) Gametogenesis (B) Oogenesis (C) Ovulation (D) Menstrual cycle
11	Bats and humming birds are called : (A) Ectoderm (B) Endotherms (C) Ecotherms (D) Heterotherms
12	Clear cytoplasm, in an ascidian zygote produces : (A) Muscle cells (B) Larval epidermis (C) Gut (D) Notochord
13	Corpus luteum secretes a hormone called : (A) Progesterone (B) Oestrogen (C) Oxytocin (D) Testosterone
14	Cell death due to tissue damage is called : (A) Apoptosis (B) Necrosis (C) Metastasis (D) Suicide
15	The sclerenchyma cells found in seed coats and nutshells are called : (A) Fibers (B) Sclereides (C) Tracheids (D) Vessels
16	The enzyme luciferase is produced in an insect called : (A) Housefly (B) Firefly (C) Butterfly (D) Tsetsefly
17	Primary succession, which starts in a pond ecosystem is termed as : (A) Derosere (B) Hydrosere (C) Ecosere (D) Xerosere