

Objective
Paper Code
8467

Intermediate Part Second
BIOLOGY (Objective) GROUP - I
Time: 20 Minutes Marks: 17

Roll No. : _____



Q.No.1

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

S.#	Questions	A	B	C	D
1	DNA polymerase enzyme which plays a supporting role in DNA replication is:	Polymerase II	Polymerase I	Polymerase III	Polymerase IV
2	The S-phase of cell cycle takes:	9 hours	4.5 hours	1.30 hours	10 hours
3	Pairing of homologous chromosomes called synapsis starts during:	Leptotene	Zygotene	Pachytene	Diakinesis
4	A person having neither antigen A nor B would have blood group:	O	A	B	AB
5	Organisms that have a foreign gene inserted into them are called:	Transduct	Transform	Transgenic organism	Bioreactors
6	Archaeobacteria tolerate temperature up to:	10°C	40°C	120°C	140°C
7	Lithosphere includes:	Air	Water	Gases	Earth, soil
8	In grassland ecosystem, tropical climates have woody trees called:	Savanna	Pampas	Prairies	Alpine
9	The cause of acid rain is:	Oxides of hydrogen	NO ₂ and SO ₂	Oxides of potassium	Oxides of magnesium
10	Removal of salts with water from sweat glands and of sebum seems to be:	Excretory	Protective	Thermo-regulation	Both B & C
11	Kidneys receive what amount of blood supplied with each cardiac beat:	10 %	20 %	1 %	25 %
12	Long tubular structures join end to end to form long water conducting pipes in xylem are known as:	Fibers	Vessels	Sclereids	Trachea
13	Tropomyosin is a complex of how many polypeptide chains?	Single	Double	Triple	None
14	The receptors which have undifferentiated endings and produce sensation of pain are called:	Chemo-receptors	Nociceptors	Mechano-receptors	Thermo-receptors
15	Which is a haploid cell?	Spermatogonia	Primary spermatocyte	Secondary spermatocyte	Germinal epithelium
16	The final size of a given type of a cell is attained during:	Maturation	Differentiation	Growth	Elongation
17	The peripheral part of the blastoderm where the cells lie unseparated from the yolk is called:	Hypoblast	Epiblast	Area pellucida	Area opaca

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