

**BIOLOGY (Objective) GROUP - II****8462**

Time: 20 Minutes

Marks: 17

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	Plants respond to cold stress by increasing proportion of:	Proteins	Carbohydrates	Saturated fatty acids	Unsaturated fatty acids
2	Each dark band is called:	I-Band	A-Band	H-Band	Z-Band
3	The growing tip of young stem moves in Zig-Zag fashion due to which mode of growth:	Hyponasty	Epinasty	Nutation	Phototropism
4	MSH is secreted from the:	Anterior lobe of pituitary gland	Median lobe of pituitary gland	Posterior lobe of pituitary gland	Adrenal gland
5	All of these are neurotransmitters except:	Histamine	Acetyl choline	Serotonin	Dopamine
6	Corpus Luteum secretes a hormone called:	FSH	Estrogen	Progesterone	LH
7	Yellow cytoplasm gives rise to:	Epidermis	Gut	Notochord	Muscle cells
8	The genetic code for methionine is:	AUG	GGG	AGA	UAG
9	Okazaki fragments in discontinuous strand are joined by:	DNA Polymerase-I	Topoisomerase	DNA ligase	DNA Helicase
10	Edward syndrome is due to excess of chromosome:	Sex chromosome	Autosome (# 18)	X-chromosome	Y-chromosome
11	Healthy and encouraging social environment promotes:	Intelligence	Height	Skin colour	Ear lobe
12	The enzyme luciferase is produced in an insect called:	House fly	Butterfly	Tsetse fly	Fire fly
13	How many base pairs are present in human genome?	03 billions	05 billions	07 billions	09 billions
14	The flower parts of flowering plants are:	Vestigial	Analogous	Homologous	None of these
15	How much of the total energy from sun is trapped by the producers in an ecosystem?	10 %	01 %	100 %	50 %
16	<u>Cedrous deodara</u> are located in which forests?	Grassland prairies	Temperate deciduous forests	Tropical rain forests	Coniferous alpine and boreal forests
17	Polluted air contains certain pollutants like CO, CFCs, lead compounds and:	SO ₂	CH ₄	Chromium	Hydro carbon

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