

**Model Paper****Biology Paper – XII**

Name

1- ہر سوال کے سامنے چار دائرے دئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

Roll No

2- دائروں کو شیڈ (بھرنے) کے لئے نیلے یا کالے رنگ کا مارکر استعمال کریں۔

3- جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time Allowed: 20 Minutes

SECTION – A

Marks : 18

1	In human respiratory system which organ is coming after larynx?	<input type="radio"/> Bronchi	<input type="radio"/> Pharynx	<input type="radio"/> Alveoli	<input type="radio"/> Bronchioles
2	If the arterial blood is 97% saturated with oxygen then the oxygen carrying capacity by 100 ml blood will be .....	<input type="radio"/> 20 ml	<input type="radio"/> 19.4 ml	<input type="radio"/> 4.4 ml	<input type="radio"/> 97 ml
3	During infection raised body temperature is helpful because it .....	<input type="radio"/> Kills pathogen	<input type="radio"/> Stimulates defense system	<input type="radio"/> Activates body organ	<input type="radio"/> Increases number of WBC
4	What happens during muscle relaxation?	<input type="radio"/> Calcium ions re-accumulate in sarcoplasmic reticulum	<input type="radio"/> Calcium ions secreted by calcium vesicles	<input type="radio"/> Allow actin to bind with myosin	<input type="radio"/> Stop nerve impulse
5	Resting membrane potential is caused by .....	<input type="radio"/> Greater concentration of K <sup>+</sup> ions on inside	<input type="radio"/> Less concentration of K <sup>+</sup> ions on inside	<input type="radio"/> Greater concentration of Na <sup>+</sup> ions on out side	<input type="radio"/> Both A & B are correct
6	All are signs of diabetes mellitus except one.....	<input type="radio"/> Polyuria	<input type="radio"/> Polydipria	<input type="radio"/> Polyphagia	<input type="radio"/> Phenylketunaria
7	Behaviors performed in the same way each time by each individual is related to.....	<input type="radio"/> Heritable	<input type="radio"/> Stereotypic	<input type="radio"/> Intrinsic	<input type="radio"/> Inflexible
8	Secondary oocyte after penetration by sperm through meiosis-II gives.....	<input type="radio"/> One ovum & second polar body	<input type="radio"/> Two polar bodies	<input type="radio"/> Two ovum	<input type="radio"/> Four polar bodies
9	Fraternal twins result from fertilization of .....	<input type="radio"/> One ovum by one sperm	<input type="radio"/> Two ova by two sperms	<input type="radio"/> One voum by two sperms	<input type="radio"/> Two ova by one sperm
10	When F <sub>1</sub> pink flower plants of 4,0, clock are crossed the F <sub>2</sub> phenotypic ratio will be.....	<input type="radio"/> 3 : 1	<input type="radio"/> 2 : 2	<input type="radio"/> 4 : 0	<input type="radio"/> None of these
11	The possible genotype of blood group 'A' will be .....	<input type="radio"/> I <sup>A</sup> I <sup>A</sup> or I <sup>A</sup> i	<input type="radio"/> I <sup>B</sup> I <sup>B</sup> or I <sup>A</sup> i	<input type="radio"/> I <sup>A</sup> I <sup>B</sup>	<input type="radio"/> ii
12	A chromosome having centromere position at unequal distance is called.....	<input type="radio"/> Acrocentric	<input type="radio"/> Metacentric	<input type="radio"/> Telocentric	<input type="radio"/> Sub metacentric
13	The genetic code AGA specifies arginine in bacteria, human and other organism, it show.	<input type="radio"/> Universality	<input type="radio"/> Redundancy	<input type="radio"/> Ambiguity	<input type="radio"/> Degeneracy
14	Sometime in small population by chance the frequency of alleles change, the condition is called...	<input type="radio"/> Genetic variation	<input type="radio"/> Mutation	<input type="radio"/> Genetic drift	<input type="radio"/> Gene flow
15	The most efficient nitrogen fixation is .....	<input type="radio"/> Atmospheric	<input type="radio"/> Industrial	<input type="radio"/> Biological	<input type="radio"/> All
16	Which one do the function of glue in field of genetic engineering?	<input type="radio"/> Endonuclease	<input type="radio"/> Ligase	<input type="radio"/> Restriction enzyme	<input type="radio"/> Polymerase
17	The concept of vaccine is .....	<input type="radio"/> To produce antibodies	<input type="radio"/> To kill germs	<input type="radio"/> To healthy the body	<input type="radio"/> Catalytic
18	The total number of vertebrae in human vertebral column is.....	<input type="radio"/> 30	<input type="radio"/> 33	<input type="radio"/> 26	<input type="radio"/> 12