

Model Paper**Biology Paper – XII**

Name

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

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

Roll No

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