

Roll No

Name

1۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں، صرف صحیح جواب والا دائرہ بھر دیں۔

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

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



Time Allowed: 20 Minutes

SECTION – A

Marks : 18

Pituitary gland is located in the	<input type="radio"/> Lungs	<input type="radio"/> Liver	<input type="radio"/> Kidney	<input checked="" type="radio"/> Brain
The mammalian forebrain is differentiated in to the thalamus, limbic system and	<input type="radio"/> Hypothalamus	<input type="radio"/> Hippocampus	<input checked="" type="radio"/> Cerebrum	<input type="radio"/> Cerebellum
Which Blood group has no Antigen?	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> AB	<input checked="" type="radio"/> O
Chemoreceptors are found in.....	<input type="radio"/> Ear	<input type="radio"/> Skin	<input type="radio"/> Stomach	<input checked="" type="radio"/> Tongue
Hamburger phenomenon is also called.....	<input type="radio"/> K - shift	<input checked="" type="radio"/> Chloride shift	<input type="radio"/> Sodium shift	<input type="radio"/> CO ₂ shift
Biological fixation of Nitrogen occurred through	<input type="radio"/> Virus	<input checked="" type="radio"/> Bacteria	<input type="radio"/> Algae	<input type="radio"/> None of these
The process during which potassium and hydrogen ions and some toxic substances are put into urine is called.....	<input type="radio"/> Countercurrent multiplication	<input type="radio"/> Filtration	<input type="radio"/> Reabsorption	<input checked="" type="radio"/> Tubular Secretion
In skeletal muscle, calcium facilitates contraction by binding to	<input type="radio"/> Myosin	<input checked="" type="radio"/> Troponin	<input checked="" type="radio"/> Actin	<input type="radio"/> Tropomyosin
Increased amount of uric acid in blood is called.....	<input type="radio"/> Hyperurea	<input checked="" type="radio"/> Hyper urecimia	<input type="radio"/> Hyperoxaluria	<input type="radio"/> All
Which one is an example of Negative feedback?	<input checked="" type="radio"/> Blood Glucose	<input type="radio"/> Baby birth	<input type="radio"/> Blood clotting	<input type="radio"/> None of these
The process of emptying bladder is called.....	<input type="radio"/> Urination	<input checked="" type="radio"/> Micturition	<input type="radio"/> Defecation	<input type="radio"/> Sensization
Thyroxin is also called	<input type="radio"/> T ₃	<input checked="" type="radio"/> T ₄	<input type="radio"/> T ₁	<input type="radio"/> T ₂
The residual volume is equal to.....	<input type="radio"/> 1 L	<input type="radio"/> 2.5 L	<input checked="" type="radio"/> 1.5 L	<input type="radio"/> 5 L
All papillae contain taste buds except.....	<input checked="" type="radio"/> Filiform	<input type="radio"/> Fungiform	<input type="radio"/> Foliate	<input type="radio"/> Circumvillate
Three layers of embryo are formed by the process of	<input type="radio"/> Neurulation	<input checked="" type="radio"/> Gastrulation	<input type="radio"/> Implantation	<input type="radio"/> None of these
The corpus Luteum is formed at the site of	<input type="radio"/> Menstruation	<input type="radio"/> Implantation	<input type="radio"/> Fertilization	<input checked="" type="radio"/> Ovulation
Human lungs are spongy due to the presence of millions of	<input type="radio"/> Trachea	<input type="radio"/> Bronchioles	<input checked="" type="radio"/> Alveoli	<input type="radio"/> Bronchi
Trial and error learning has no role in.....	<input type="radio"/> Imprinting	<input checked="" type="radio"/> Insight	<input type="radio"/> Classical conditioning	<input type="radio"/> Operant learning

Note: Time allowed for Section – B and Section – C is 2 Hours and 40 minutes.

Section – B

Marks: 40

Q-II Answer any TEN parts. Each part carries FOUR marks.

1. Briefly discuss any two evidences of Evolution.
2. What is Denitrification?
3. Write short note on Synapse and its types.
4. Name Cranial and Facial Bones.
5. Write short note on the role of Microbe in energy generation.
6. What is Biogas?
7. Why Pancreas is known as double gland?
8. Write different causes of Renal Failure.
9. Write down symptoms of Otitis Media.
10. Write properties of Respiratory Surfaces.
11. Describe mechanism of Ultra Filtration.
12. What is Tetanus? Discuss briefly.
13. Write functions of Insulin.

Section – C

Marks: 27

Note : Attempt any THREE questions. All questions carry equal marks.

- Q-III Compare the structure and function of three types of Neuron.
- Q-IV Give a brief view of the work done by Hans Spemann in the discovery of embryonic induction.
- Q-V Discuss the events of the process of DNA replication.
- Q-VI Write note on the following.
- (a) Mutation
 - (b) RNA Splicing.