

TELANGANA UNIVERSITY
S.S.R. DEGREE COLLEGE, NIZAMABAD (C.C:5029)
III SEMESTER INTERNAL ASSESSMENT I EXAMINATIONS
ZOOLOGY QUESTION BANK
SUB:

I. Choose the correct answer

1. Which cells were the first to reveal Enzyme activity (B)
a) Stem cells b) Yeast cell c) Epithelial cells d) None
2. Who first introduced yeast cells (C)
a) Robert grant b) Robert Brown c) W.Kuhne d) Koshland
3. Allosteric inhibition is also known as (D)
a) Competitive b) Non competitive c) Induced fit d) End product inhibition
4. Lock and key hypothesis was proposed by (A)
a) Emil fisher b) Robert hook c) Koshland d) All the above
5. Cells of Bowman's capsule (B)
a) Glomerular cells b) Podocytes c) Epithelial cells d) Maculadensa
6. Which Hormone is secreted by Adrenal cortex (D)
a) Glucocorticoids b) Mineralocorticoids c) Androgens d) All
7. Molecular weight of Haemoglobin (B)
a) 70,000 daltons b) 68,000 daltons c) 50,000 daltons d) 1,80,000 dalton
8. Inferior venacava is guarded by the value (A)
a) Eustachian valve b) Tricuspid c) Aortic valve d) Mitral valve
9. Name the factor XII in blood clotting (C)
a) Fibrinogen b) Proaccelerin c) Hageman's Factor d) None
10. Thromboplastin + Prothrombin + Ca++ (B)
a) Prothrombin b) Thrombin c) Fibrin d) Accelerin
11. Duration of T-wave (A)
a) 0.2 sec b) 1.5 sec c) 0.06 sec d) 0.7 sec
12. What are the 3 Waves in ECG (C)
a) P,QRS, D b) P,QPS,T c) P,QRS d) T Wave
13. A deep groove in heart is known as (A)
a) Coronary Sulcus b) Myocardium c) a& b d) None
14. Inspiratory cut off Switch is known as (C)
a) Inspiratory centre b) pneumotaxic c) Apneustic d) None

15. The Normal rate of respiration in adult is (D)
 a) 14-15 per min b) 17-18per min c) 18-20 per min d) 14 to 18 per min
16. Normal pH of blood (A)
 a) 7.4 b) 8.4 c) 5 d) 11
17. green coloured pigment is due to (C)
 a) Pinnaglobin b) Haemoglobin c) chlorocruorin d) None
18. pituitary gland Secreates that (B)
 a) Thyroxine b) Antidiuretic c) Adrenaline d) Insuline
19. PH of urine (C)
 a) 7.0 b) 5.0 c) 6.0 d) None
20. Examples of Ligases (B)
 a) Enolase b) DNA&RNA c) Aldolase d) nuclease

II. FILL IN THE BLANKS

1. Koshland Proposed Induced fit hypothesis
2. Lipids are converted to fatty acids, Glycerol.
3. Expand SAD Secondary Active Transport
4. The unique cells of Bowman's Capsule called podocytes
5. 178 or 179 litres of Glomerular filtrate is reabsorbed
6. Expand TMAO Trimethylamine Oxide
7. Adrenal Cortex Secreates the Hormone Glucocorticoids
8. Nasopharynx Opens into larynx through Glottis
9. Venadium pigment is responsible for green colour in blood
10. Molecular weight of Haemoglobin 68,000 daltons
11. Study of Heart is known as Cardiology
12. Blood clotting was proposed by Morawitz
13. Expand ECG Electrocardiogram
14. PH of urine 6.0
15. Examples of Ligase DNA&RNA
16. Normal pH of blood 7.4
17. Duration of T wave 0.2 sec

18. 3 Waves of ECG P,QRS,T

19. Yeast cells were discovered by W.Kuhne

20. Pancrease Secretes the Hormone Called Insulin, Glucagon

III. Answer the following Questions

1. Vasodilation

A. Heat Exchange between the internal Environment and the Skin occurs through blood flow.

2. Counter current multiplier theory.

A. The renal blood flows in the opposite direction, where the system operates in hair pin like loop of Henle

3. Haemoglobin

A. Haemoglobin is a red coloured respiratory pigment, where haem is a non protein Component and Globin is a protein component.

4. Open circulation

A. where the blood flows partially in the blood vessels and partially in the body cavities, so the blood does not stay always in blood vessels.

5. Electrocardiogram

A. The record of electric impulse generated by the Called Electrocardiogram

6. Myogenic heart

A. The heart beat originates in the muscles of the heart by itself is known as myogenic, heart

7. Pinaglobin

A. Brown coloured pigment, where blood consists of manganese pigment in its body fluid.

8. Cellular respiration

A. The oxygen delivered to the cells is used up to oxidize glucose, to produce fatty acids and Amino Acids

9. Types of Nephrons

A. Cortical Nephrons present in cortex and Juxtamedullary nephrons present in the Junction of cortex and medulla.

10. Pathway of DCT

A. Collecting Ducts → duct of Bellini → Renal pelvis → Ureter

IV. Assignment.