

NEET BIOLOGY

Topic: Body Fluids & Circulation

1. Which of the following blood vessel in the circulatory system of frog has more deoxygenated blood :-
 - (1) Pulmonary artery
 - (2) Precaval veins
 - (3) Pulmocutaneous artery
 - (4) Pulmocutaneous vein

2. Tachycardia is :-
 - (1) Fast heart rate
 - (2) Slow heart rate
 - (3) Stop heart rate
 - (4) Normal heart rate

3. The cardiac impulses that results into the heart beat is delayed at :-
 - (1) Internodal tract
 - (2) AV node
 - (3) Bundle of His
 - (4) Purkinje fibres

4. Among the following which one is not true about chordae tendinae :-
 - (1) They are strips of muscle fibres
 - (2) They are attached to the valves
 - (3) They regulate opening of valves
 - (4) They prevent backflow of blood

5. The heart keeps on beating throughout the life without fatigue because :
 - (1) It contracts slowly
 - (2) It has a resting or recovery period
 - (3) It can use lactic acid as an extra source of energy
 - (4) None of the above

6. In the animal body blood bank is :-
 - (1) Heart
 - (2) Spleen
 - (3) Lungs
 - (4) Liver

7. Which of the following vessel in Rabbit starts with capillaries and ends in capillaries :-
- (1) Pulmonary artery
 - (2) Renal vein
 - (3) Hepatic portal vein
 - (4) Renal artery
8. Pace-maker in heart is situated :-
- (1) In the wall of left atrium
 - (2) In the wall of right atrium
 - (3) On inter-ventricular septum
 - (4) On inter-auricular septum
9. 72 beat per minute heart beat rate of man is controlled by :-
- (1) SA-node
 - (2) Ventricles
 - (3) Purkinje fibers
 - (4) AV-node
10. Cardiac muscles contract :-
- (1) quickly and they fatigue
 - (2) quickly and unfatigued
 - (3) Slowly and are not fatigued
 - (4) Slowly and they fatigue
11. ECG is a measure of :-
- (1) Rate of heart beat
 - (2) Difference in electric potential
 - (3) Volume of blood pumped
 - (4) Ventricular contraction
12. Heart of elephant is :-
- (1) Neurogenic
 - (2) Myogenic
 - (3) Loop of Henle
 - (4) Bowman's capsule
13. Blood leaving liver and moving to heart will have more concentration of :-
- (1) Bile
 - (2) Urea
 - (3) Glycogen
 - (4) Amino acid
14. The blood circulation which starts and ends into capillaries is :-
- (1) Renal circulation
 - (2) Portal circulation
 - (3) Hepatic circulation
 - (4) Lymphatic circulation

15. Maximum surface area of circulating system is seen in :-
(1) Heart (2) Capillaries
(3) Arterioles (4) Veins
16. "Bundle of His" are :-
(1) Nervous tissue supplied to ventricles
(2) Nervous tissue supplied to heart
(3) Muscular tissue supplied to ventricle
(4) Muscular tissue supplied to heart
17. "Bundle of His" is group of :-
(1) Nerve fibres (2) Ganglia
(3) Connective tissue (4) Muscle fibres
18. Blood pressure is controlled by :-
(1) Pituitary gland (2) Thymus gland
(3) adrenal gland (4) Parathyroid gland
19. Haemoglobin shows maximum affinity with :-
(1) Carbon monoxide (2) Carbon dioxide
(3) Oxygen (4) Ammonia
20. Pace maker of heart is :-
(1) SA node (2) AV node
(3) Purkinje fibre (4) Papillary muscles
21. Bicuspid valve (mitral) guards the opening in mammals between:-
(1) Left atrium and left ventricle
(2) Pulmonary vein and left auricle
(3) Stomach and intestine
(4) Right atrium and right ventricle
22. Cardiac muscle fibres are differ from skeletal muscles because these are :-
(1) Striated, involuntary
(2) Non-striated voluntary
(3) Non striated involuntary
(4) Antagonistic
23. Atherosclerosis refers to the ailment of:
(1) Lungs (2) Heart
(3) Kidney (4) Liver

24. All arteries carry oxygenated blood except
- (1) Hepatic artery (2) Renal artery
(3) Pulmonary artery (4) Cardiac artery
25. Choose the correct pathway of the transmission of impulses in the heart beat :
- (1) AV node → S A node → Bundle of His → Purkinje fibres
(2) SA node → AV node → Bundle of His → Purkinje fibres
(3) SA node → Bundle of His → AV node → Purkinje fibres
(4) AV node → Bundle of His → SA node → Purkinje fibres
26. The structure of which of the following consist of a layer of single cell thickness ?
- (1) Blood capillary (2) Artery
(3) Venule (4) arteriole
27. Which of the following is first to receive lymphatic duct from legs :
- (1) Left subclavian vein
(2) Right subclavian vein
(3) Right lymphatic duct
(4) Thoracic lymphatic duct
28. "Bundle of His" are :
- (1) nervous tissue supplied to ventricles
(2) nervous tissue supplied to heart
(3) muscular tissue supplied to ventricles
(4) muscular tissue supplied to heart
29. "Nucleated RBC" is found in :
- (1) man (2) rat
(3) rabbit (4) frog
30. In which of the following animals Hb is found dissolved in plasma :
- (1) Planaria (2) Cockroach
(3) Sepia (4) Earthworm

ANSWER KEY

Que.	1	2	3	4	5	6	7	8	9	10
Ans.	2	2	1	1	4	2	3	2	2	3
Que.	11	12	13	14	15	16	17	18	19	20
Ans.	3	2	1	2	4	2	2	4	2	4
Que.	21	22	23	24	25	26	27	28	29	30
Ans.	1	2	2	4	2	1	4	1	3	1