



**SNS COLLEGE OF NURSING
APPLIED ANATOMY AND PHYSIOLOGY
OBJECTIVE TYPE QUESTIONS**

UNIT -2 CARDIO VASCULAR SYSTEM

1. The first branch of the human aorta is

- 1) Left subclavian artery
- 2) Brachiocephalic artery
- 3) Coronary artery
- 4) Left common carotid artery

2. Hepatic portal system originates from

- 1) Kidney
- 2) Diaphragm
- 3) Liver
- 4) Different parts of the alimentary canal

3. Least blood pressure is present in

- 1) Aorte
- 2) Capillary
- 3) Vein
- 4) Vena Cava

4. The function of the spleen in adults is

- 1) Phagocytosis of old RBCs
- 2) Secretion of hormones
- 3) Formation of blood
- 4) Development of macrophage

5. A person has blood group A means he/she has

- 1) A antigen in RBC
- 2) A antigen in plasma



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- 3) B antigen in RBC
- 4) B antigen in plasma

6. A person has blood group B means he/she has

- 1) A antigen in RBC
- 2) A antigen in plasma
- 3) B antigen in RBC
- 4) B antigen in plasma

7. Extracellular fluids are rich in the following except

- 1) K⁺
- 2) HCO₃⁻
- 3) Na⁺
- 4) Ca²⁺

8. The velocity of flow in blood vessels is determined by

- 1) Caliber of blood vessel
- 2) Viscosity of blood
- 3) Pressure difference between two ends of blood vessels
- 4) All listed

9. The left border of the heart is formed by

- 1) Right ventricle
- 2) left Atrium
- 3) Left Atrium and left ventricle
- 4) Left ventricle

10. Immunoglobulin which crosses Placenta is

- 1) IgG
- 2) IgD



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- 3) IgM
- 4) IgE

11. For blood clotting fibrinogen is changed into fibrin with the help of

- 1) Thrombin
- 2) Platelets
- 3) Vitamin K
- 4) Antithrombin

12. A blood clot inside a blood vessel is known as

- 1) Thrombus
- 2) Fibrinolysis
- 3) Thrombosis
- 4) Clot

13. The thickest layer in the heart is

- 1) Endocardium
- 2) Myocardium
- 3) Epicardium
- 4) Pericardium

14. Does not open in the right Atrium

- 1) Middle cardiac vein
- 2) Anterior cardiac vein
- 3) Superior Vena cava
- 4) Coronary sinus

15. Albumin is one of the plasma proteins is synthesized in

- 1) Liver
- 2) Adrenal gland



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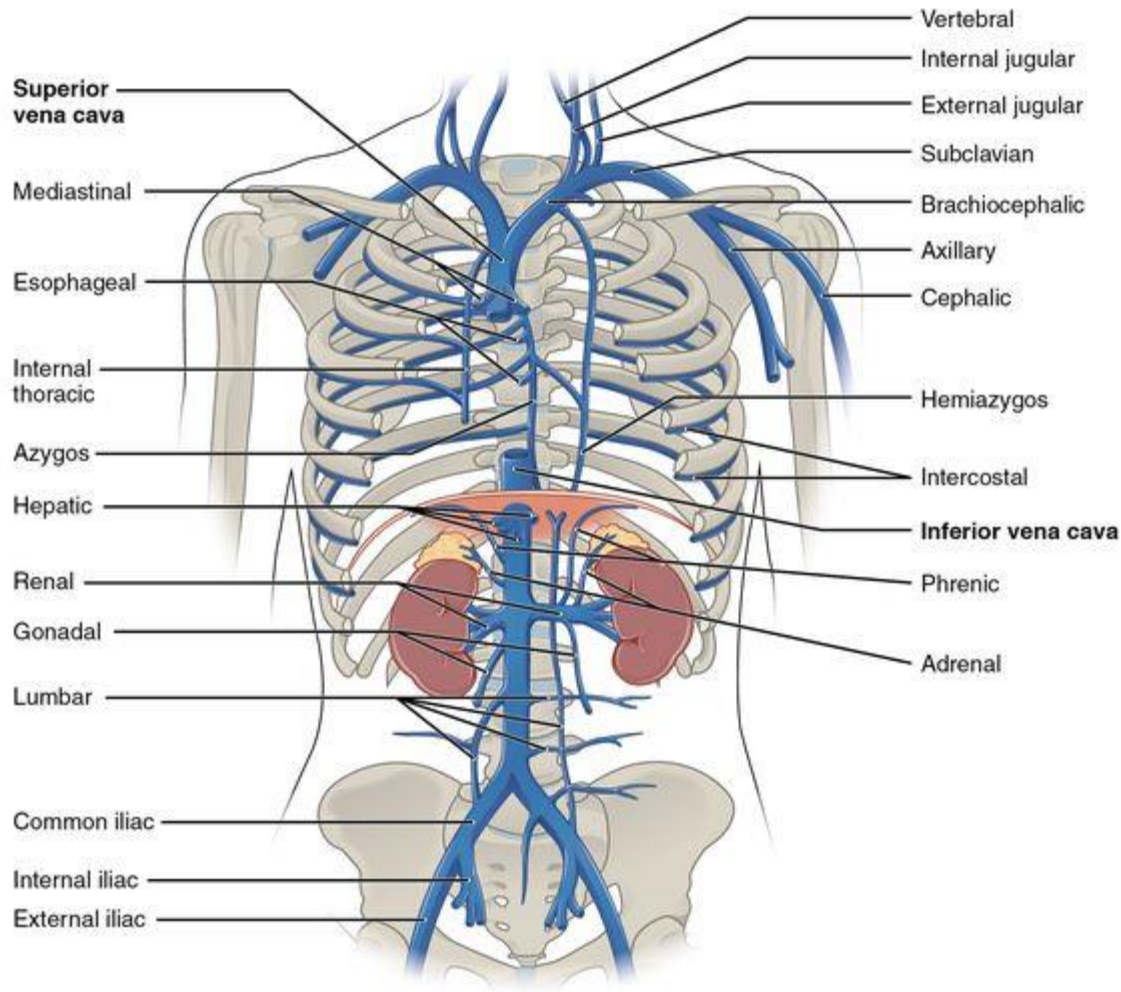
- 3) Pancreas
- 4) Screen

16. What is the function of blood platelets

- 1) Aid in coagulation of blood
- 2) Ingest bacteria
- 3) Carry hemoglobin
- 4) Transport co₂

Low Back Pain (LBP)

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17. The uterine artery is a branch of

- 1) Common iliac artery
- 2) External iliac artery
- 3) Internal iliac artery
- 4) Descending aorta



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18. Which of the following vitamins has the closest relationship with blood

- 1) A
- 2) D
- 3) K
- 4) E

19. Which of the following is the correct pathway for the propagation of the cardiac impulse

- 1) AV node – Bundle of His – SA node-Purkinje fibers
- 2) SA node-Purkinje fibers- AV node- Bundle of His
- 3) SA node – AV node – Bundle of His – Purkinje fibers
- 4) Purkinje fibers – AV node – SA node – Bundle of His

20. Bleeding can be due to all of the following causes except

- 1) Deficiency of white blood cells
- 2) Decrease in calcium
- 3) Thrombocytopenia
- 4) Deficiency of coagulation factor

21. Hey Pathak portal system originates from

- 1) Diaphragm
- 2) Kidney

- 3) Liver
- 4) Different parts alimentary canal

22. The blood in the mammalian heart pumped by the right ventricle pass out of the orifice which is guarded by.



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- 1) Bicuspid valve
- 2) Tricuspid valve
- 3) Aortic arch
- 4) Pulmonary valve

23. A peptic ulcer is most common to people of blood group

- 1) A
- 2) B
- 3) AB
- 4) O

24. The splenic artery is a branch of

- 1) Superior mesenteric artery
- 2) Renal artery
- 3) Inferior mesenteric artery
- 4) Celiac trunk

25. The universal Donor blood group of human beings is

- 1) B
- 2) AB
- 3) O
- 4) A

26. Following substance are there buffering agents of the human body except



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- 1) Carbohydrate
- 2) Phosphate
- 3) Haemoglobin
- 4) Protein

27. The Blood grouping is important for

- 1) Diagnosis of blood disease
- 2) Blood transfusion
- 3) Detection of AIDS
- 4) Blood donation

28. Aorta pierces the diaphragm at the level of

- 1) T8
- 2) T12
- 3) T10
- 4) C6

29. A patient with high fever will most likely demonstrate the sign of

- 1) Decreased sweating
- 2) Increased pulse rate
- 3) Increased urinary output
- 4) Increased appetite

30. Normally cardiac cycle takes ... seconds to complete.

- 1) 0.1
- 2) 0.01



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- 3) 0.8
- 4) 0.08
