

SSR Degree College Autonomous
Faculty of Science
Department of Nutrition
PG Semester-1, Paper-3
Subject: HUMAN PHYSIOLOGY
Internal- 2Question Bank

SECTION – A: MULTIPLE CHOICE QUESTIONS

1. _____ are carry blood away from the heart
A. Arteries B. Veins C. Plasma D. Trachear **Ans :A**
- 2.The number of chambers in human heart_____
A.Three B.Four C.Five D.Two **Ans :B**
- 3.Liquid component of blood is _____
A. Serum B. Plasma C. Pyloric portion D. Centriole **Ans :B**
- 4.Duration of cardiac cycle is _____
A. 0.5sec B. 2.0sec C. 0.8sec D. 10sec **Ans :C**
5. The tiny air sac in lungs are _____
A. Bronchus B. Bronchioles C. Trachea D. Alveoli **Ans :D**
6. Chemical messengers secreted by_____
A. Ductless gland B. . Macrophage C. Ovum D. Nerve cell **Ans :A**
7. Growth hormone produced by _____
A. CNS B. Hypothalamus C. Adrenal D.Somatostatin **Ans :B**
8. Extension of brain is _____
A. . Skeleton B. . Stomach C. Spinal cord D.Intestine **Ans :C**
9. Cerebrum controls _____
A.Speech B.Thought C. Memory D. All the above **Ans :D**
10. The formation of blood clot is known as_____
A. Coagulation B. Hematopoiesis C. Chemotaxis D. Leucopoiesis **Ans :A**
11. Air tube of lungs is _____
A. Mouth B. Branchous C. Esophagus D. Stomach **Ans :B**

12. _____ Carries oxygenated blood from the lungs to the heart
A.Pul.artery B.Pul .vein C.Aorta D.Vena cava **Ans :B**
- 13.Gas exchange in pulmonary circulation occurs in _____
A.Bronchi B.Trachea C.Alveoli D.Pleura **Ans :C**
- 14.Normal tidal volume in healthy adults _____
A.100ml B.150ml C.300ml D.500ml **Ans :D**
15. _____ Hormone is responsible for Heart rate and blood pressure
A.Adrenaline B.Insulin C.Aldosterone D.Thyroxine **Ans :A**
16. Lipids are transported in blood as _____
A.Fatty acids B.Micelles C.Lipoproteins D.Chylomicrons **Ans: C**
- 17.The plasma protein responsible for blood clotting is _____
A.Albumin B. Fibrinogen C.Hemoglobin D.Globulin **Ans: B**
18. Estrogenic secretion is stimulated by _____
A.FSH B. LH C.Prolactin D.Oxytocin **Ans: A**
- 19.Fight or flight response by _____ hormone
A.FSH B. LH C.Prolactin D.Adrenaline **Ans: D**
- 20.FSH acts on testes to stimulate _____
A.Muscle mass B. Testosterone C.Spermatogenesis D.Adrenaline **Ans: C**

II. FILL IN THE BLANKS

- 21.**Veins** are the vessels which carry carbon dioxide
- 22.Tricuspid valve is present between **Right atrium & right ventricle**
23. Heart is made up of **Epicardium, myocardium, endocardium** Layers
24. Anterior pituitary produces **GH, TSH,FSH etc**
25. Expand TSH **Thyroid stimulating hormone**
26. Blood pressure at resting state **120/80**
27. Each heartbeat consists of **Atrial systole Ventricular systole Diastole**
28. Expand LH **luteinizing hormone.**
29. Expand SpO₂ **Peripheral oxygen saturation**

30. Sympathetic division help in **Fight or flight** response
31. The pacemaker of heart is **Sinoatrial node SA**
32. pulmonary circulation carries blood between **Heart and lungs**
33. During exercise Tidal volume **Increases**
34. The instrument used to measure blood pressure is **Sphygmomanometer**
35. Increase in heart rate is called **Tachycardia**
36. HDL is 'good cholesterol' because **Remove cholesterol from tissues**
37. Expand VLDL **Very low density lipoproteins**
38. Hormones are best **Chemical messengers**
39. Parathyroid hormone (PTH) regulates **Calcium and phosphorus balance**
40. Progesterone prepares the uterus for **Implantation of fertilized ovum**

III. SHORT ANSWER QUESTIONS 5 X 1 =5

1. Blood plasma?
2. Cardiac output?
3. Steps in Cardiac cycle ?
4. Endocrine system?
5. Functions of insulin?
6. Enzymes in blood ?
7. Ovaries?
8. Blood coagulation?
9. Triglycerides?
10. PTH?