

53. **Cystic duct arises from:**
a) Liver b) Kidney c) Pancreas d) gall bladder
54. **Diastemma is a tooth less gap in the jaws of rabbit between:**
a) Premolars and molars b) Incisors and molars
c) Canines and molars d) Incisors and premolars
55. **Scurvy is a disease caused by:**
a) a virus b) Deficiency of vit E
c) Deficiency of ascorbic acid d) Deficiency of vit D
56. **Curdling of milk in stomach occurs by the action of:**
a) trypsin b) Crepsin
c) rennin d) Chymotrypsin
57. **Chylomicrons are:**
a) undigested protein
b) Undigested carbohydrate
c) fats droplets coated with phospholipids
d) Fats droplets coated with glycerol and proteins
58. **Fatty acid and glycerol are first absorbed by**
a) Lymph vessels b) Villi
c) Blood capillaries d) Hepatic portal vein
59. **Layer of cells that secrete enamel of tooth is**
a) Osteoblast b) Ameloblast c) Odontoblast d) Dentoblast
60. **In stomach of rabbit which layer of muscles is nearest to peritoneum**
a) Submucosa b) Circular c) Longitudinal d) Oblique.
61. **Formation of glucose from protein is**
a) gluconeogenesis b) glycogenolysis
c) glycogenesis d) glycolysis
62. **Mitral valve in mammals guards the opening between:**
a) Right atrium and right ventricle b) Left atrium and left ventricle
c) Right atrium and left ventricle d) Left atrium and right ventricle
63. **Heart is covered by:**
a) Peritoneum b) Pleural membrane
c) Pericardium d) Visceral membrane
64. **In mammals, the opening of post caval in the right auricle is guarded by:**
a) Mitral valve b) Thebesian valve
c) Eustachian valve d) Bicuspid valve
65. **The heartbeat of which animal is myogenic in nature?**
a) Cockroach b) Leach c) Elephant d) All these
66. **Origin of heartbeat and its conduction is represented by:**
a) SA node → AV node → Bundle of His → Purkinjee fibres
b) Purkinjee fibres → AV node → SA node → Bundle of His
c) SA node → Purkinjee fibres → AV node → Bundle of His
d) AV node → Bundle of His → SA node → Purkinjee fibres
67. **The cardiac cycle time in a normal man is:**
a) 80 sec b) 60 sec c) 72 sec d) 0.8 sec
68. **A heart murmur indicates a defective:**
a) Bundle of His b) Heart valves
c) Sinoatrial node d) Atrio-ventricular node
69. **Carotid labyrinth contains:**
a) Olfactoreceptor b) Baroreceptor
c) Chemoreceptor d) Phonoreceptor
70. **Hepatic portal system starts from:**
a) Digestive system to liver b) Kidney to liver
c) Liver to heart d) Liver to kidney
71. **Impulses originating from sinoatrial node are transmitted to:**
a) Pacemaker b) Bundle of His
c) Purkinje system d) Atrio-ventricular node
72. **Pulmonary artery differs from pulmonary vein in having:**
a) No endothelium b) Having strong valves
c) Having Brunner's cells d) Having thick muscular walls
73. **An oval depression called fossa ovalis is seen on:**
a) Interatrial septum
b) Papillary muscles
c) Interventricular septum
d) Right auriculo-ventricular septum
74. **The formation of erythrocytes in foetus takes place in:**
a) Red bone marrow b) Liver and spleen
c) Sarcoplasm d) Blood plasma
75. **In high altitude the:**
a) Number of RBC increases b) Size of RBC increases
c) Number of RBC decreases d) Size of RBC decreases
76. **In the heart of rabbit the mitral valve is attached to the papillary muscles by:**
a) Chordae tendinae b) Purkinje fibres
- c) Columnae carneae d) Bundle of His
77. **To go to the left side of the heart from the right the blood will have to cross:**
a) Liver b) Lungs c) Kidney d) Brain
78. **In a man artificial pacemaker is implanted due to defects in:**
a) SA node b) SV node
c) Mitral valve d) Purkinje fibres
79. **Tachycardia means:**
a) Fast heart beat b) Slow heart beat
c) Irregular heart beat d) Failure of heart beat
80. **Pulse pressure is:**
a) Systolic pressure
b) Diastolic pressure
c) Systolic pressure and diastolic pressure
d) Difference between systolic pressure and diastolic pressure
81. **Blood cells are destroyed in:**
a) Spleen and pancreas b) Spleen and kidney
c) Liver and spleen d) Heart and muscles
82. **Number of oxygen molecule that bind to a molecule of haemoglobin are:**
a) 2 b) 3 c) 4 d) 6
83. **Murmur is a disorder of:**
a) Heart valves b) AV node c) SA node d) Pulmonary vein
84. **'Heart of the Heart' is:**
a) SA node b) AV node
c) Bundle of His d) Purkinje fibres
85. **Erythrocytes are made in presence of:**
a) Vitamin A b) Vitamin B₁₂ c) Vitamin K d) Vitamin C
86. **Purkinje fibres are associated with:**
a) Heart fibres b) Brain fibres c) Liver d) Nerve fibres
87. **Formation of blood cells is:**
a) Haemogenesis b) Haemopoiesis
c) Micropropagation d) Leucopenia
88. **The most abundant granulocytes in human blood is:**
a) Basophils b) Eosinophils c) Neutrophils d) Monocytes
89. **During measurement of blood pressure the stethoscope is placed on:**
a) Brachial artery b) Brachial vein
c) Femoral artery d) Femoral vein
90. **Which of the following leucocytes secrete Heparin and histamine?**
a) Neutrophils b) Basophils
c) Eosinophils d) Monocytes e) Lymphocytes
91. **The duration of cardiac cycle is:**
a) 0.8 sec b) 0.8 sec c) 0.08 sec d) 0.008 sec
92. **Carotid artery supplies:**
a) Oxygenated blood to brain b) Oxygenated blood to lungs
c) Oxygenated blood to intestine d) Oxygenated blood to kidney
93. **pH is higher in**
a) arterial blood b) venous blood
c) capillary blood d) all have equal pH
94. **QRS wave represents**
a) atrial depolarisation b) atrial repolarisation
c) ventricular depolarisation d) ventricular repolarization
95. **Venacava pierces diaphragm at the level of**
a) T₅ b) T₈ c) T₁₀ d) T₁₂
96. **During allergy which count increases**
a) acinophils b) basophil
c) neutrophil d) monocytes
97. **Kidney shaped nucleus is found in**
a) acinophils b) basophil
c) lymphocytes d) monocytes
98. **Columnae carne is present in**
a) atrium b) ventricle
c) both d) none
99. **Universal acceptor blood group is**
a) O Rh+ve b) AB Rh-ve c) AB Rh+ve d) O Rh+ve