

1. The heart beat of which animal is myogenic in nature:

(A) Cockroach

(B) Leech X

~~(C) Elephant~~

(D) All of these

Neurogenic

In animals

Myogenic

2. One of the following nerves inhibit the rate of heart beat:

- (A) ~~Vagus~~
- (B) Sympathetic
- (C) Occulomotor
- (D) None of the above



3. First heart sound is:

- (A) Lubb sound at the end of the systole ✓ X
- ~~(B) Lubb sound at the beginning of ventricular systole~~
- (C) Dup sound at the end of systole
- (D) Dup sound at the beginning of ventricular systole

Dup/Dubb

Lubb

Atrial systole



Lubb

Ventricular systole

4. Choose the correct pathway of the transmission of impulses in the heart beat:

(A) ~~AV node~~ → SA node → Bundle of His
→ Purkinje fibres

~~(B)~~ SA node → AV node → Bundle of His
→ Purkinje fibres

(C) SA node → Bundle of ~~His~~ → AV node
→ Purkinje fibres

(D) ~~AV node~~ → Bundle of His → SA node
→ Purkinje fibres

5. Impulse of heart beat originates from:

~~(A) S.A. node~~ Pacemaker

(B) A.V. node

(C) Vagus Nerve

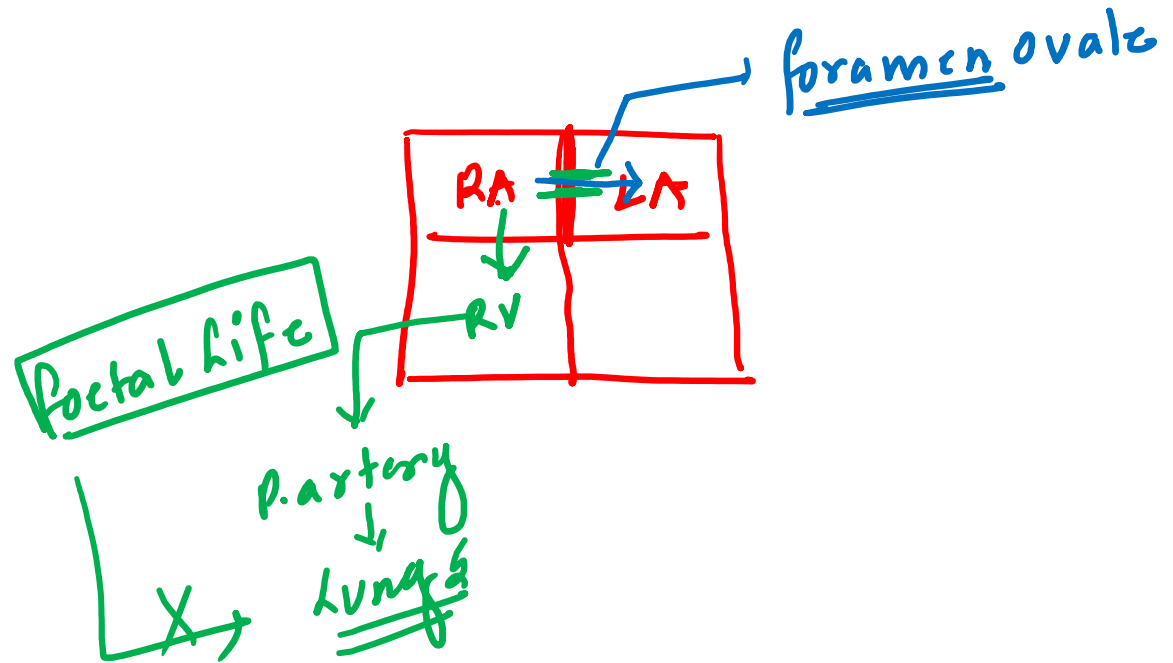
(D) Cardiac Nerve

6. The pace maker in heart is:

- ~~(A) SA node~~ (B) AV node
(C) Conus arterious (D) Heart muscles

7. The small oval depression found on inter auricular septum in adult Human is termed:

- (A) Foramen ovale
- ~~(B) Fossa ovalis~~
- (C) Foramen of monro
- (D) Foramen of magnum



8. Purkinje fibres mainly help in contraction
of:

- (A) Right auricle
- (B) Left ventricle
- (C) Ventricles
- (D) Aorta

Systole



9. A heart "murmur" disorder indicates a defect of:

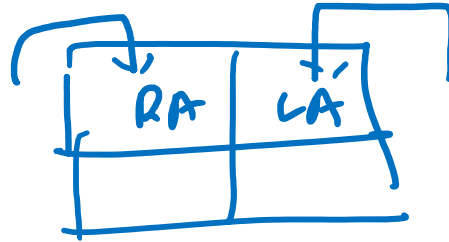
- (A) Bundle of His
- (B) ~~Heart valves~~
- (C) Sinuauricular node
- (D) Atrioventricular node

valves → closure
fault

10. Blood enters into the heart because muscles of:

- ~~(A) Atria relax~~
- (B) Ventricle contract
- (C) Ventricle relax
- (D) Atria contract

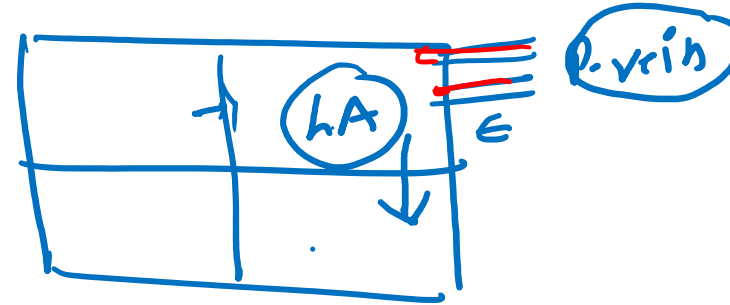
Atria



11. In human oxygenated blood flows from:

- (A) ~~Left~~ auricle to left ventricle during auricular systole
- (B) Right ~~auricle~~ to right ventricle during ventricular systole
- (C) Right ~~ventricle~~ to aorta during ventricular systole
- (D) Pulmonary vein to left auricle during auricular systole

diastole



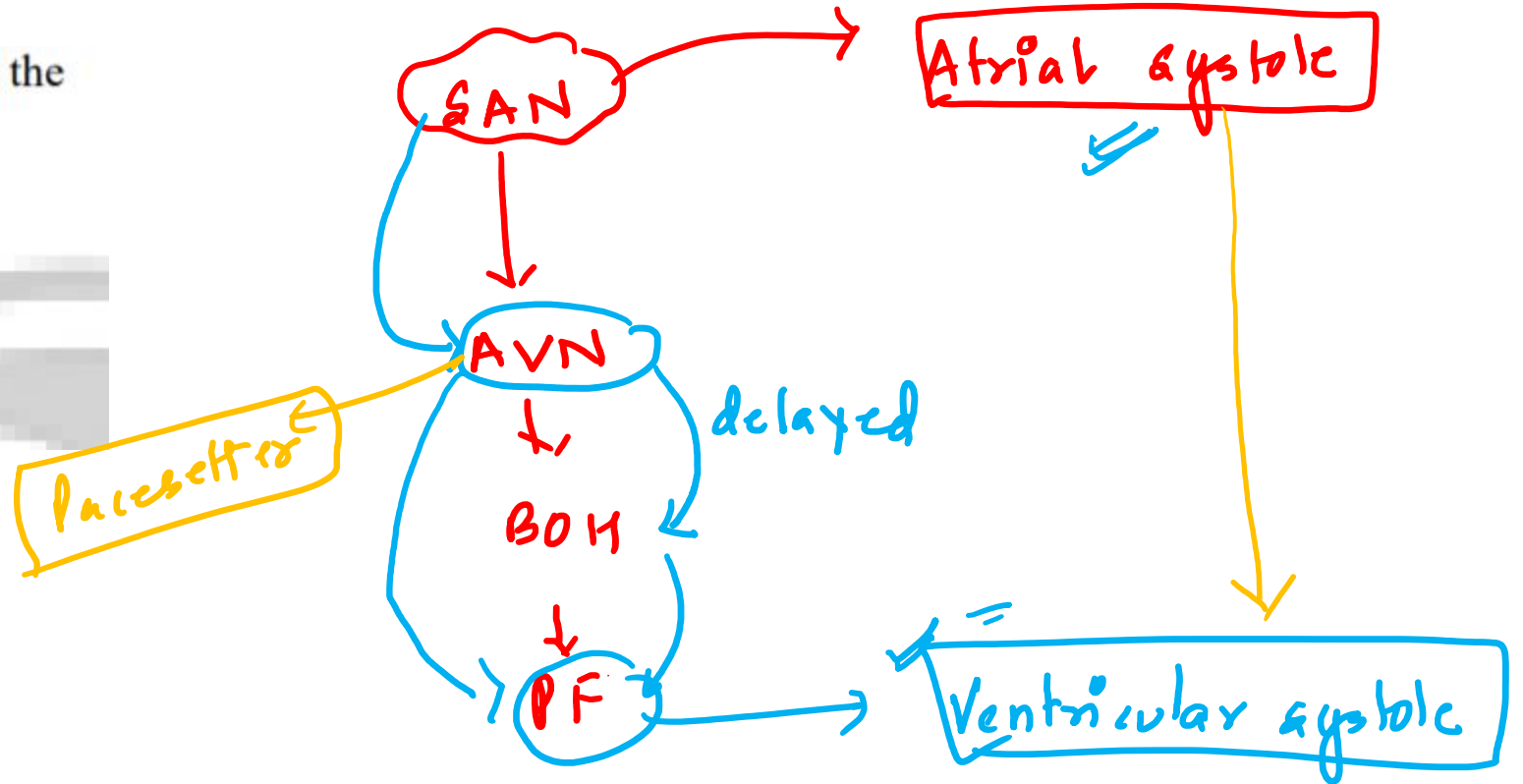
12. The cardiac impulses that results into the heart beat is delayed at:

(A) Internodal tract

~~(B) AV node~~ **Pacemaker**

(C) Bundle of His

(D) Purkinje fibres

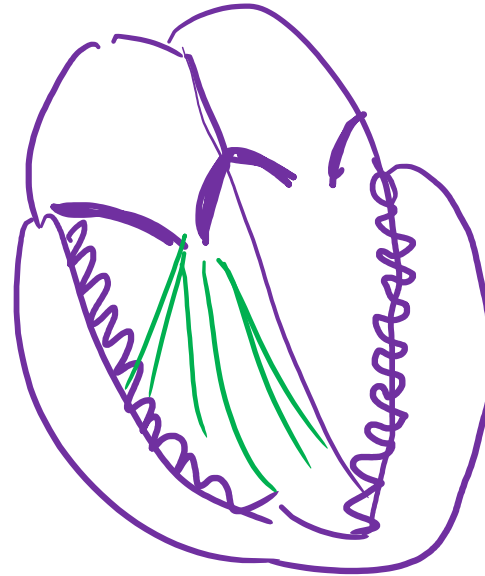


13. "Bundle of His" are:

- (A) nervous ~~tissue~~ supplied to ventricles
- (B) nervous ~~tissue~~ supplied to heart
- (C) ~~(C)~~ muscular tissue supplied to ventricles
- (D) muscular tissue supplied to heart

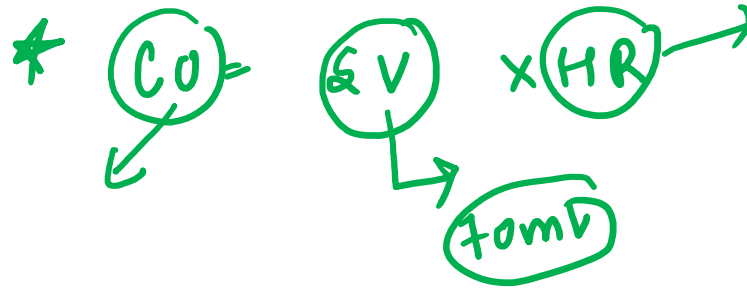
14. Papillary muscles are located in:

- (A) Ventricle, heart of rabbit
- (B) Dermis of mammalian skin
- (C) Orbit of vertebrates eyes
- (D) Pylorus of vertebrate stomach



15. Cardiac output is determined by:

- (A) Heart rate //
- (B) Stroke volume
- (C) Blood flow
- (D) ~~Both A and B~~



16. Cardiac output is blood:

(A) Received by heart per minute

(B) Pumped by ventricles per sec

~~(C)~~ Pumped by left ventricle per minute

(D) Pumped by left ventricle per hour

17. The 'Lubb' and 'Dupp' heart sound are due to:

- (A) Opening of heart valves ~~X~~
- (B) Action of papillary muscles ~~X~~
- ~~(C) Closing of heart valves~~
- (D) Activity of pace maker

AV - lub
SL - dup

18. 1st Heart Sound is due to:

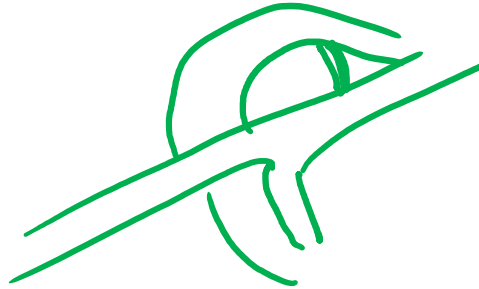
- (A) Closure of Semilunar Valve
- (B) Closure of Pulmonary and Aortic Valve
- (C) ~~Vibration just after Closure of Mitral and Tricuspid Valve~~
- (D) Vibration after Closure of Pulmonary and Aortic Valve

Bicuspid

19. The connection between pulmonary and Aortic arches in Foetus is:

- (A) Ligamentum arteriosus
- ~~(B) Ductus arteriosus~~
- (C) Foramen ovale
- (D) All of the above

Foramen ovale
↳ RA → LA



Bicuspid

20. The mitral valve is supported by:

- (A) Bundle of HIS
- (B) Ductus Arteriosus
- (C) Foramen ovale
- (D) Chorda tendinae

(Backward)