

HUMAN ANATOMY AND PHYSIOLOGY-I, BP-101(T)

UNIT-V (Cardiovascular system)

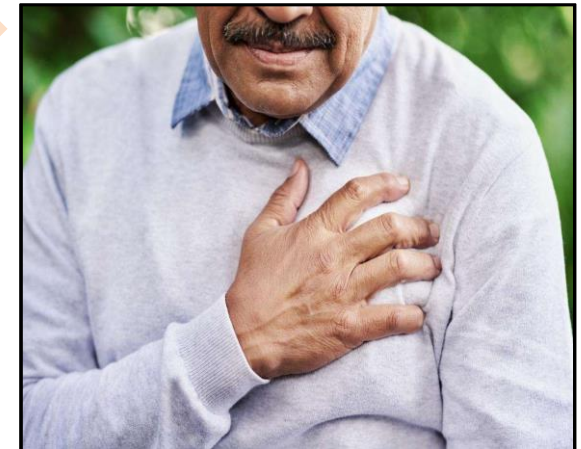
CLASS:8

TOPIC – DISORDERS OF HEART

Cardiovascular Disorders

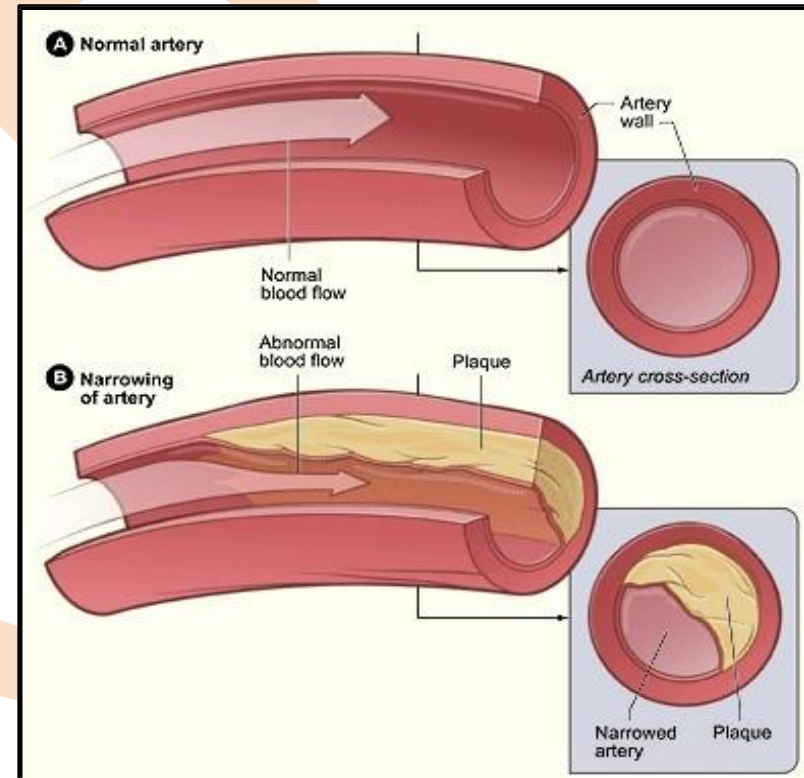
Disorders of Heart

- Cardiac failure
- Ischemic heart disease
- Angina pectoris
- Myocardial infarction
- Cardiac arrhythmia
- Stenosis of valves
- Incompetence of valves



DISORDERS OF BLOOD VESSELS:

- Atherosclerosis.
- Aneurysm.
- Raynaud's Disease.
- Venous thromboembolism.
- Erythromelalgia.
- Stroke.
- Age.
- Obesity.

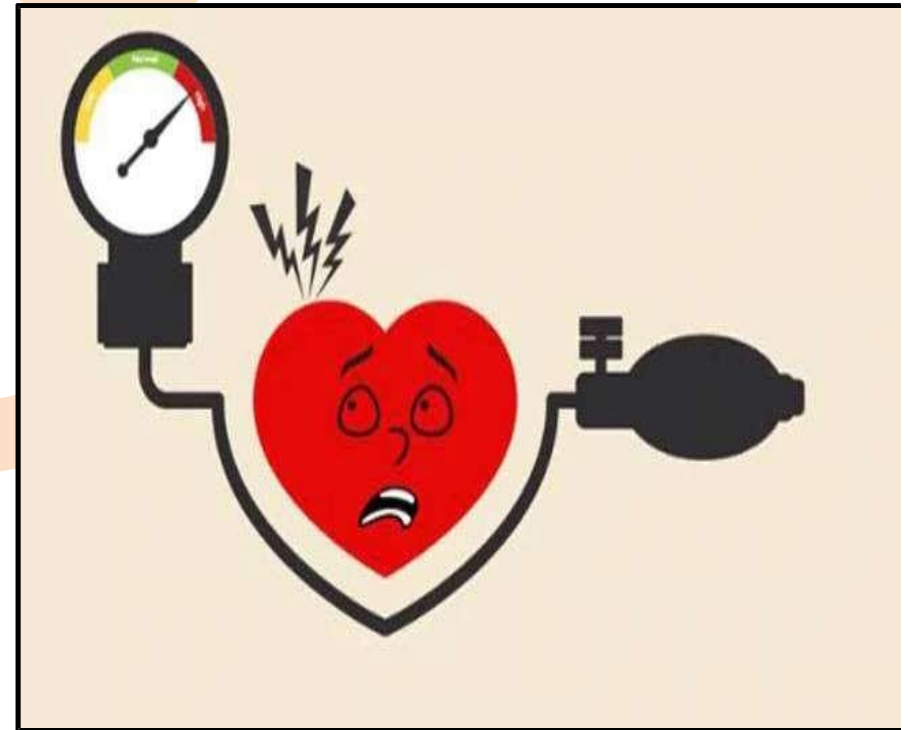


❖ **Hypertension (High blood pressure):**

- It indicated by an adult systolic blood pressure above 120 mm Hg and diastolic blood pressure above 80 mm Hg.

❖ **Hypotension (Low blood pressure):**

- Its indicate low blood pressure.
- It leads to inadequate blood supply to brain.



CARDIOVASCULAR DISORDERS:

- Cardiovascular disease (CVD) is a general term for conditions affecting the heart or blood vessels.
- It's usually associated with a build-up of fatty deposits inside the arteries (atherosclerosis) and an increased risk of blood clots.
- It can also be associated with damage to arteries in organs such as the brain, heart, kidneys and eyes.
- CVD is one of the main causes of death and disability in the UK, but it can often largely be prevented by leading a healthy lifestyle.

IMPORTANT QUESTIONS:**2M QUESTIONS:**

- 1) Define Heart and its functions.
- 2) Define ECG.
- 3) Define Cardiac Output.

5M QUESTIONS:

- 1) Explain the physiology and anatomy of heart.
- 2) Explain in details about blood circulation of heart with the help of diagram and conduction system of heart

10M QUESTIONS:

- 1) Explain the physiology and anatomy of heart.
- 2) Explain in details about blood circulation of heart with the help of diagram and conduction system of heart