

ASSIGNMENT FOR VIVA..Dental sec b 2nd semester

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Q1. (i) Write a note on cardiovascular system?

Question No 1...

Write a note on cardiovascular system?

Answer....

. Cardiovascular system.

.The blood vessels.

. The cardiovascular system has three types of blood vessels.

Arteries

Capillary

Veins

. The arteries.

Arteries and arterioles take blood away from the heart.

The largest artery is the aorta.

Arterioles can constrict or dilate changing blood pressure.

. The capillaries.

Capillary have walls only one cell thick to allow exchange of gases and nutrients with tissue fluid.

. The veins.

Venules drain blood from capillary then join to form veins that take blood to the heart.

Veins carry 70 % of the body's blood.

. The heart.

The heart is a cone shaped muscular organ located between the lungs behind the sternum.

The heart has 4 Chambers two upper thin walled arteri and two lower thick walled ventricles.

The septum is a wall dividing the right and left side.

Each heart beat is called cardiac cycle.

Systole is the contraction of the heart.

Distole is the relaxation of the heart.

. The vascular pathway.

The cardiovascular system includes two circuits.

Pulmonary circuit.

Systemic circuit.

Question No 2....

What are the symptoms of high and low blood pressure?

Answer....

. Symptoms of high blood pressure..

Most of the people who have high blood pressure do not have symptoms. In some causes people with high blood pressure may have a pounding feeling in their head or dizziness or other signs.

. Symptoms of low blood pressure.

- . Fainting
- . Dizziness
- . A feeling of lightheadedness
- . Chest pain
- . Nausea.
- . Increase thirst
- . Blurred vision.

Question No 3...

What are the treatment of high and low blood pressure?

Answer....

. Treatment of high blood pressure.

There are several drugs used to treat high blood pressure.

- . Angiotensin converting enzyme.

Beta blockers

- . Diuretic

- . Calcium channel blockers

- . Alpha agonists

- . Renin inhibitors.

. Treatment of low blood pressure.

- . Use more salt expert usually recommended limiting salt in your diet

- . Drink more water fluid increase blood volume and help prevent dehydration

- . Wear compression stocking.

- . Medications.