

# VISWASS SCHOOL & COLLEGE OF NURSING

## GNM 1<sup>ST</sup> YEAR

### ANATOMY AND PHYSIOLOGY

#### UNIT-4

#### THE CIRCULATORY SYSTEM

#### OBJECTIVE QUESTION AND ANSWER

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#### Objectives question and answer(10)

- 1.The Heart is about \_\_\_\_\_cm long.(ans-10cm)
- 2.The heart wall is composed of \_\_\_\_\_ layers of tissue.(ans-3 layers)
- 3.\_\_\_\_\_ is the outer most layer of heart.(ans-pericardium)
- 4.\_\_\_\_\_ layer is found only in the heart.(ans-myocardium)
- 5.The heart is divided into a right and left side by \_\_\_\_\_ (ans-septum)
- 6.\_\_\_\_\_ is the largest vein of the body.(ans-venacava)
- 7.\_\_\_\_\_ arteries blood supply to the heart.( ans-coronary artery)
- 8.\_\_\_\_\_ is the pace maker of the heart.(ans-AV nodes)
- 9.Normal blood pressure of an adult is \_\_\_\_\_(ans-120/80 mm Hg)
- 10.Cardiac cycle lasts about \_\_\_\_\_ sec.(ans-0.8sec)

#### Objective question & answer(10)

- 1.The branch of science deals with blood, blood forming tissues and its disorders is called \_\_\_\_\_(ans-Hematology)

2. What is a serum in the blood?(ans-plasma minus fibrinogen)
3. Name the term which defines the amount of RBC present in the blood.(ans-hematocrit)
4. What is the site of hemopoiesis in an embryo?(ans-yolk sac)
5. Name the term given to abnormally low levels of white blood cells.(ans-leucopenia)
6. Name the term given to the failure of bone marrow to produce RBC.(ans-Aplastic anemia)
7. Which type of anemia is responsible for the disease thalassemia?(ans-Hemolytic anemia)
8. Which membrane is responsible for the protection of the heart?(ans-pericardium)
9. Most of the cardiac muscle of the heart is found in the \_\_\_\_\_.(myocardium)
10. The intra ventricular septum and intra atrial septum separates the \_\_\_\_\_(ans-chambers of the heart)