

**School Name: School of Health Sciences**  
**Program Name: BCVT**  
**Course Title: Applied Anatomy and Physiology**      **Course**  
**Code: BHCT-301**  
**Semester: III**

- Describe the myocardial infarction with its sign, symptoms, causes, diagnosis and medical; and surgical management

- What do you understand by the term applied physiology?
- Give the functions of heart of human being.
- Define the term cardiac output.
- What is the conduction system of heart?
- Give the functions of myocardium.
- Explain the difference between arteries, veins, and capillaries in terms of structure and function.
- What is meant by "pulmonary circulation" and "systemic circulation," and how do they work together to oxygenate blood?
- Write a short note on ischemic heart disease.
- Explain the conduction system of heart.
- Elaborate the physiological factors which affect the blood pressure.
  - Discuss the structure and function of the human heart.
- Explain the different types of disorder of cardiovascular system.
- Describe the myocardial infarction with its sign, symptoms, causes, diagnosis and medical; and surgical management.
- What do you understand by the term applied anatomy?
- What is cardiac cycle?
- Give the importance of heart sound for human being.
- State the composition of blood.
- Define the term myocardial of human heart.
- Explain the difference between arteries, veins, and capillaries in terms of structure and function.
- Explain the chest topography of human being.
- What is meant by "pulmonary circulation" and "systemic circulation," and how do they work together to oxygenate blood?
- Define angina pectoris with its sign, symptoms and diagnosis.
- Explain the myocardium layer of heart.
- Discuss the structure and function of the human heart.
- Explain the different types of disorder of cardiovascular system.