



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/HM/SEM-6/BHM-604D/2013**

**2013**

**CARDIO-VASCULAR DISEASES**

Time Allotted : 3 Hours

Full Marks : 70

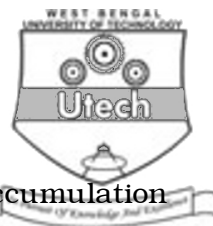
*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

**GROUP – A**

**( Multiple Choice Type Questions )**

1. Choose the correct alternatives of the following :  $10 \times 1 = 10$ 
  - i) Which of the following procedures involves using a contrast dye that is visible in X-rays ?
    - a) Coronary angiography
    - b) Coronary bypass
    - c) Heart transplant
    - d) Angioplasty.
  - ii) Which of the following is the "silent killer" because it usually has no symptoms ?
    - a) Stroke
    - b) Hemophilia
    - c) High blood pressure
    - d) High cholesterol.
  - iii) Sudden cardiac arrest means that the heart
    - a) stops beating
    - b) beats dangerously low
    - c) has a cycle of beating and stopping
    - d) skip beats.



- iv) The symptoms of heart failure include
- a) weakness
  - b) fluid accumulation
  - c) shortness of breath
  - d) all of these.
- v) An electrocardiogram is a graphic illustration of the
- a) cardiac conduction system
  - b) cardiac cycle
  - c) cardiac output
  - d) coronary vessels.
- vi) Abnormal rhythm of heart is known as
- a) Arrhythmia
  - b) Angina Pectoris
  - c) Angiospasm
  - d) None of these.
- vii) Bradycardia means
- a) Slow heart rate
  - b) First heart rate
  - c) Proper heart rate
  - d) None of these.
- viii) Inflammation of heart is known as
- a) Carditis
  - b) Heart block
  - c) Stenosis
  - d) None of these.
- ix) Bluish discoloration of skin is known as
- a) Dyspnoea
  - b) Murmur
  - c) Cyanosis
  - d) None of these.
- x) Which of the following lipid profiles would be associated with a high risk for CVD ?
- a) low LDL levels and high HDL levels
  - b) high LDL levels and low HDL levels
  - c) triglyceride levels of under 100
  - d) all of these.



**GROUP – B**

**( Short Answer Type Questions )**

Write short notes on any *three* of the following.

3 × 5 = 15

2. CABG.
3. Angina Pectoris.
4. Blood clotting.
5. Colour Doppler.
6. Angiogram.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following. 3 × 15 = 45

7. What is Angiography ? Briefly explain the coronary angioplasty procedure. 3 + 12
8. Describe Echocardiography including its importance, types and procedures.
9. Briefly explain CT scanning procedure. What is contrast CT scan ? What are the advantages of CT scan ? 8 + 2 + 5
10. Describe at least five cardiac disorders with its sign and symptoms.
11. Describe Blood pressure in detail. Describe at least three blood disorders. 9 + 6

