

Total number of printed pages – 3 B. Tech  
CPBM 8304

## Sixth Semester Examination – 2008

### CARDIOVASULAR SYSTEM

Full Marks – 70

Time : 3 Hours

Answer Question No. 1 which is compulsory  
and any **five** from the rest.

The figures in the right-hand margin  
indicate marks.

1. Answer the following in brief : 2 × 10
- (a) S. A. Node
  - (b) P. R. Interval
  - (c) Defibrillator



- (d) Sinthoven Triangle
- (e) Atrial fibrillation
- (f) Temporary pacemaker
- (g) Purkinje fibres
- (h) W.P.W. syndrome
- (i) Stents
- (j) Atrioventricular valves.

What is Starling law of heart ? Describe with  
diagram. 10

3. Briefly describe about Heart Lung Machine and  
its clinical significance. 10
4. Describe in detail about the Conduction  
Abnormalities of E.C.G. 10
5. Write in brief about Cardiac Catheterisation,  
Coronary angiography and angioplasty. 10

P.T.O.

CPBM 8304

2

Contd.

6. What is By Pass Surgery ? Give a diagrammatic description. 10
7. Describe about Echocardiography and its clinical implication. 10
8. Write what you know about the blood flow through heart . 10

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**CPBM 8306**

**5**

**P.T.O.**

**CPBM 8306**

**6**

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