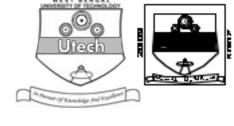
CARDIOVASCULAR DISEASES (SEMESTER - 6)

CS/HM/SEM-6/BHM-604D/09



1.	Signature of Invigilator				æ	Amer of	Carrelings)	al today	n e		
2.	Signature of the Officer-in-Charge	io.									
	Roll No. of the Candidate										
2.	Signature of the Officer-in-Charge	ĭo.									

CS/HM/SEM-6/BHM-604D/09

ENGINEERING & MANAGEMENT EXAMINATIONS. JUNE - 2009

CARDIOVASCULAR DISEASES (SEMESTER - 6)

Time: 3 Hours] [Full Marks: 70

INSTRUCTIONS TO THE CANDIDATES:

- This Booklet is a Question-cum-Answer Booklet. The Booklet consists of 32 pages. The questions of this concerned subject commence from Page No. 3.
- 2. In **Group - A**, Questions are of Multiple Choice type. You have to write the correct choice in the box provided against each question.
 - For Groups B & C you have to answer the questions in the space provided marked 'Answer b) Sheet'. Questions of Group - B are Short answer type. Questions of Group - C are Long answer type. Write on both sides of the paper.
- Fill in your Roll No. in the box provided as in your Admit Card before answering the questions. 3.
- 4. Read the instructions given inside carefully before answering.
- You should not forget to write the corresponding question numbers while answering. 5.
- Do not write your name or put any special mark in the booklet that may disclose your identity, which will 6. render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
- 7. Use of Mobile Phone and Programmable Calculator is totally prohibited in the examination hall.
- You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, which will lead to disqualification.
- 9. Rough work, if necessary is to be done in this booklet only and cross it through.

No additional sheets are to be used and no loose paper will be provided

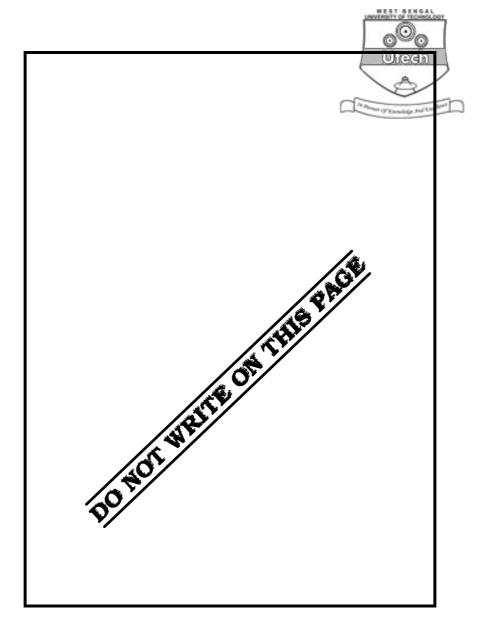
FOR OFFICE USE / EVALUATION ONLY Marks Obtained Group - B Group - A Group - C Examiner's **Question** Total | Number Marks **Signature** Marks

•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•				•	•	•	•	•	•	•	•	•	•		•	•	
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6809 (11/06)

Obtained





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ENGINEERING & MANAGEMENT EXAMINATIONS, JUNE - 2009 CARDIOVASCULAR DISEASES

SEMESTER - 6

Time: 3 Hours] [Full Marks: 70

GROUP - A

(Multiple Choice Type Questions)

			(Multiple Choice	e rype	guestions)	
1.	Cho	ose th	ne correct alternatives for any	ten of tl	he following :	10 × 1 = 10
	i)	Puli	nonary Oedema means			
		a)	fluid in pericardium	b)	fluid in lungs alveoli	
		c)	fluid in pleural chamber	d)	fluid in legs.	
	ii)	Miti	ral valve is also known as			
		a)	Right A-V valve	b)	Bicuspid valve	
		c)	Left A-V valve	d)	Semi Lunar valve.	
	iii)	Defi	brillation means			
		a)	giving electric shock to reviv	ve cardia	ac function	
		b)	to prevent heart failure			
		c)	to lower blood pressure			
		d)	none of these.			
	iv)	Ang	iogram means visualisation of			
		a)	Heart valves	b)	Veins	
		c)	Arteries	d)	None of these.	
	v)	Mus	scle of Heart is called			
		a)	Myocardium	b)	Pericardium	
		c)	Endocardium	d)	all of these.	

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		4	\leq		
vi)	Arte	ery of heart muscle is		UNIVERSITY OF THE SACROL	
	a)	Cardiac artery	b)	Aorta Utech	
	c)	Coronary artery	d)	Inf. V.C.	
vii)	Hol	ter study is meant to		" Manage (N'Exercisings and Explane	
	a)	record ECG for 24 hrs	b)	record BP for 24 hrs	
	c)	record pulse for 24 hrs	d)	record brain wave.	
viii)	Puli	monary artery contains			
	a)	Impure blood	b)	Pure blood	
	c)	Mixed blood	d)	None of these.	
ix)	Sen	ni crnar valves are present betw	een		
	a)	L. ventricle & aorta			
	b)	R. ventricle & pulmonary arte	ery		
	c)	None of these.			
x)	Car	diac output means			
	a)	Hb pressure in blood			
	b)	amount of blood pumped by h	neart in	one minute	
	c)	blood pressure of an individua	al		
	d)	amount of blood pumped by l	neart ir	n one beat.	
xi)	Nor	mal Pulse rate is			
	a)	100 – 120 beats / min.	b)	70 – 80 beats / min.	
	c)	60 – 70 beats / min.	d)	None of these.	



(Short Answer Type Questions)

Write short notes on any three of the following

 $3 \times 5 = 15$

- 2. CABG.
- 3. Mitral Stenosis.
- 4. Blue Baby.
- 5. Cardiac Resuscitation.
- 6. Temporary Pacing.

GROUP - C

(Long Answer Type Questions)

Answer any three questions.

 $3 \times 15 = 45$

- 7. Discuss in brief the classical signs and symptoms of Heart disease. Write a short note on Biochemical changes in C.V. diseases.
- 8. What is ECG ? Briefly describe the characteristics of electrocardiographic waves.

 Write a short note on Lead system of electrocardiograph.
- 9. Discuss in brief the Basic Cardiac Investigation in clinical practice.
- 10. Explain the basic concept of cardiac failure and cardiogenic shock.

END

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