	Utech
<i>Name</i> :	
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Invigilator's Signature :	

# CS/HM/SEM-3/BHM-301/2009-10 2009

### **HOSPITAL OPERATION MANAGEMENT-II**

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:

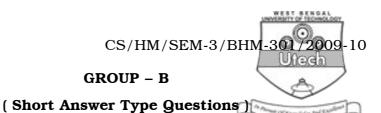
 $10 \times 1 = 10$ 

- i) The optimum size of a minor operation room is
  - a)  $20^{1} \times 18^{1}$
- b)  $18^{1} \times 18^{1}$
- c)  $24^{1} \times 24^{1}$
- d) none of these.
- ii) The minimum floor space for a bed in multiple room is
  - a) 7 metre sq. per bed
  - b) 10.05 metre sq. per bed
  - c) 5 metre sq. per bed
  - d) 8.15 metre sq. per bed.

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iii)	The	level of illumination	for	general lighting of the
	patient areas is			
	a)	150 Lux	b)	200 Lux
	c)	100 Lux	d)	300 Lux.
iv)	ЕТО	machine is used in		
	a)	Pharmacy	b)	Laboratory
	c)	OT	d)	CSSD.
v)	Linen used in operating theatres should be of a stron close weave material having a pore size of			
	a)	about 10 microns	b)	about 30 microns
	c)	about 50 microns	d)	about 70 microns.
vi)	Following are the equipment seen in Pharmacy except			
	a)	Kardex		
	b)	equipment for prepara	tion	of fluids, mixtures
	c)	filing cabinets		
	d)	electrocardiogram mad	chine	2.
vii)	OT o	OT control room will be at		
	a)	protective zone	b)	clean zone
	c)	sterile zone	d)	disposal zone.
viii)	The	The formula of Macaulay & Devies is used to calculate  a) nurse-patient ratio in a critical care unit  b) no. of operating rooms in a hospital		
	a)			
	b)			
	c) doctor-patient ratio in a critical care unit			itical care unit
	d)	none of these.		
ix)	The optimum size of a general OT is			
	a)	150 square feet	b)	175 square feet
	c)	250 square feet	d)	325 square feet.
x)	Approval of BARC is required to build			build
	a)	Imaging department	b)	CSSD
	c)	Laundry	d)	Pharmacy.



Write short notes on any three of the following.

 $3 \times 5 = 15$ 

- 2. Nuclear Medicine.
- 3. Nephrology and Dialysis Unit.
- 4. Primary factors in determining a site for a proposed hospital.
- 5. Emergency service.

#### GROUP - C

### (Long Answer Type Questions)

Answer any *three* of the following.  $3 \times 15 = 45$ 

- 6. Describe in brief about the critical care units of a hospital.
- 7. Illustrate the factors, which influence the number of nurses in a hospital. Discuss about the staffing norms of nursing services.
- 8. What are problem areas and managerial issues involved in a diagnostic department?
- 9. What are the categories and sources of outpatient? Describe the planning consideration, location, flowchart of functions, physical infrastructure and facilities needed in an OPD.

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