

SCHOOL OF DISTANCE EDUCATION :: ANDHRA UNIVERSITY
MBA (HOSPITAL ADMINISTRATION)
III YEAR ASSIGNMENT QUESTION PAPERS
FOR THE ACADEMIC YEAR 2017-2018

Answer All the questions :

Max. Marks : 20

All Questions carry equal marks :

PAPER I – HOSPITAL WASTE MANAGEMENT

- 1) Describe the role and importance of Environmental & Forests Act 1986 in the management of Hospital Waste.
- 2) As a Hospital Administrator, discuss your role in controlling the management of infectious waste.
- 3) Education and training, are integral parts of any technical activity. Describe their role in the management of Hospital Waste Management.
- 4) Discuss in detail Five important steps of Bio-Medical Waste Management.
- 5) Discuss in the importance of Universal precautions in hospital waste management.

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PAPER II: RISK AND DISASTER MANAGEMENT

- 1) Mention any Five recent disasters in Hospitals and any other areas in our country. Write in detail, the causes and your plans of action in preventing such disasters.
- 2) What is a Disaster Plan? Describe in detail the various steps that you would take in preventing them in your Hospital.
- 3) Describe your plans of action in the prevention and management of a 'Fire Accident' in your corporate hospital.
- 4) How do form a Disaster Committee in your corporate hospital? Discuss in detail the importance and functions of the Committee.
- 5) Discuss the important steps in the collection and disposal of "Radioactive Waste" in a Multi-specialty Hospital.

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PAPER III: LEGAL AND ETHICAL ISSUES FOR HOSPITALS

- 1) Write in detail about the status of Medical Ethics in the present scenario of Medical & Health care services.
- 2) Explain in detail about the “ORGAN TRANSPLANTATION ACT 1994”.
- 3) Critically examine the need for legalizing ‘EUTHANSIA’ in our country.
- 4) ‘Etiquette and Ethics’ play an important role in the study of Doctor-Patient Relations. Discuss in detail
- 5) Write in detail about the Medical Council of India Act (1956).

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OPERATIONS RESEARCH

1. Discuss in detail the history of Operations Research.

2. Solve the following using Big M Method

$$\text{Maximize } Z = 3X_1 + 5X_2$$

Subject to constraints

$$X_1 + X_2 \geq 3$$

$$X_1 \leq 6$$

$$X_2 \leq 4$$

$$X_1, X_2 \geq 0$$

3. a. Solve the following assignment problem

	P	Q	R	S
A	45	50	55	60
B	52	59	66	73
C	61	70	79	88
D	72	83	94	105

b. Explain in detail the queuing system

4. a. Solve the following using VAM

	P	Q	R	S	Capacity
A	102	111	145	152	150
B	85	82	45	52	200
C	41	75	29	35	350
Requirement	100	200	250	150	700

b. Explain the concept of two persons zero sum theory

5. a. Distinguish between CPM and PERT model. Also explain the process

b. Construct network and find the critical path

Activity	A	B	C	D	E	F	G	H	I
Predecessor	None	None	A, B	A	C, D	C	D	E, F, G	H
Time (Days)	10	15	12	9	7	5	10	6	4

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PAPER V: HEALTH INSURANCE

- 1) Elaborately discuss on the present status of Health Insurance in our country.
- 2) Discuss in detail the role of IRDA.
- 3) Design a Health Insurance Scheme, with more emphasis on Rural Population.
- 4) Describe the role of a Third Party Administrator in the management of an insured patient.
- 5) Critically review the performance of government schemes on health insurance in India.

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PAPER VI: CLINICAL, DIAGNOSTIC AND THERAPEUTIC SERVICES

- 1) What is Embalming? Write in detail the merits and demerits in Medical and Medico-legal aspects.
- 2) 'Medical Records Department's role is vital in making accurate diagnosis". Discuss.
- 3) What do you understand by 'Defensive Medical Practice'? Provide your advise on this .
- 4) What are the various systems of Health Care Practice in India? Write in detail about any Two of them.
- 5) Describe the role of a Hospital Administrator in planning and execution of emergency services in a 300 bed multi-specialty hospital.