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MANIPAL INSTITUTE OF TECHNOLOGY

(A Constituent Institute of Manipal University)

Manipal – 576 104



VII SEMESTER B.Tech. (BME) DEGREE END SEM EXAMINATIONS NOV/ DEC- 2015

SUBJECT: HEALTH CARE MANAGEMENT SYSTEMS (BME 423)

(REVISED CREDIT SYSTEM)

Thursday, 3rd December 2015, 2 to 5 PM

TIME: 3 HOURS

MAX. MARKS: 100

Instructions to Candidates:

1. Answer any FIVE full questions.
2. Draw labeled diagram wherever necessary

Q1 An efficient and future-proof Hospital Information System (HIS) is a key component of a viable health system as Healthcare business models are evolving rapidly.

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|---|---|
| (a) What is Hospital Information system (HIS)? | 3 |
| (b) Mention 5 modules of HIS and their functions. | 5 |
| (c) What are the benefits of HIS to an administrator? | 4 |
| (d) Outline the criteria in choosing a HIS. | 6 |
| (e) What are the sources of Information for a HIS? | 2 |

Q2 Every Hospital strives to achieve quality these days.

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| (a) What is Quality in healthcare? | 3 |
| (b) Mention few salient features of NABH Accreditation. | 6 |
| (c) Name any 5 quality tools. | 5 |
| (d) What are the benefits of Accreditation for a hospital? | 6 |

Q3	Operation theater is one of the complex areas of the Hospital both in terms of planning and maintenance.	
(a)	What is zoning in operation theatre (OT)?	5
(b)	Name 5 planning parameters for designing OT.	5
(c)	How to improve efficiency in running OT?	5
(d)	Infection control practices in OT.	5
Q4	Human Resource management in an organization includes continuous training and development of employees.	
(a)	Define training and Development.	6
(b)	Mention 5 methods of training & Development.	6
(c)	What are the benefits of Training and Development?	8
Q5	Communication is the life blood of an organization.	
(a)	Define Communication.	3
(b)	Mention five Barriers of Communication.	5
(c)	How will you Improve communication in an Organization?	5
(d)	Name different methods of Internal and External Communication.	4
(e)	Advantages and Disadvantages of Verbal, Written communication.	3
Q6	Understanding Group is one of the important aspects of Organizational behavior.	
(a)	Mention the steps in Group Formation.	5
(b)	What are the advantages of Group Decision making?	5
(c)	State the difference between Group and Team.	5
(d)	Outline few advantages and disadvantages of a Committee.	5