



Brainware University
398, Ramkrishnapur Road, Barasat
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BRAINWARE UNIVERSITY

Term End Examination 2022

Programme – BBA(HM)-2020

Course Name – Fundamentals of Hospital Planning

Course Code - BBAHMC502

(Semester V)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

(i) Which of the following is determined by calculating deaths after 24 hours of hospital admission?

- | | |
|---------------------------|----------------------|
| a) Gross death rate | b) Random death rate |
| c) On-the-spot death rate | d) Net death rate |

(ii) Effective community orientation should be achieved by the hospital through-

- | | |
|---|--|
| a) A governing board made up of persons who have demonstrated concern for the community and leadership ability. | b) Policies that assure availability of services to all the people in the hospital service area. |
| c) Participation of the hospital in community programmes to provide preventive care. | d) All |

(iii) Economic viability should be achieved by the hospital by taking _____ measurement

- | | |
|--------------------------------|------------------------------|
| a) sound financial management | b) projected service demands |
| c) demonstrated community need | d) any one of these |

(iv) Harrison suggested different methods of monitoring of medical audit. Which of the following method of monitoring is based on the primary idea of learning from mistakes?

- | | |
|--------------------------|-------------------|
| a) Peer review | b) Sentinel cases |
| c) Criterion-based audit | d) Surveys |

(v) A major limitation of Gantt charts in project management is that they do not:

- | | |
|--|-----------------------------------|
| a) Indicate the major activities involved. | b) Show activity times |
| c) Show the timing of activities. | d) Show precedence relationships. |

(vi) Which of these may require the use of a dummy activity?

- | | |
|------------------------------|------------------------------|
| a) Gantt chart | b) Activity-on-arrow network |
| c) Activity-on-node network. | d) Both b and |

(vii) A medical audit committee comprises professionals from different departments of a hospital. Which of the following may act only as an observer in committee meetings?

- | | |
|---------------------------------|----------------------------|
| a) Heads of medical departments | b) Nursing superintendents |
|---------------------------------|----------------------------|

- c) Head of pathology
- (viii) BOQ stands for:
- a) Biological Oxygen Quantity
b) Bill Of Quantities
c) Biological Oxygen Quality
d) All of these
- (ix) The most important criteria for site selection of a hospital is:
- a) site should be large enough to accommodate future expansion
b) convenience for patients
c) both the these
d) none of these
- (x) Hospital planning team consist of:
- a) administrators
b) a nursing administrator
c) hospital architect
d) all of these
- (xi) A study was conducted among nursing staff to find out the time taken in different aspects of patient care viz., bed preparation, monitoring of vital diagnosis, attending doctor rounds, blood sampling, drug administration. Which management technique would be applied for the analysis?
- a) Critical path method
b) Input-output analysis
c) Systems analysis
d) Work sampling
- (xii) A sound architectural plan should be achieved by the hospital through-
- a) Selection of a site large enough to provide for future expansion and accessibility of population.
b) A governing board made up of persons who have demonstrated concern for the community and leadership ability.
c) A public information programme that keeps the community identified with the hospital goals, objectives and plans.
d) all
- (xiii) As per BIS, the recommended area for 25 hospital beds should be at least:
- a) 20 hectares
b) 1 hectare
c) 5 hectares
d) none of these
- (xiv) There are various operational research models used in the areas of hospital and healthcare management. Which of the following models is used in the capital rationing of resources like budget allocation, transfer pricing, etc.?
- a) Assignment model
b) Transportation model
c) Dynamic programming model
d) Linear programming model
- (xv) A medical audit committee comprises professionals from different departments of a hospital. Which of the following may act only as an observer in committee meetings?
- a) Heads of medical departments
b) Nursing superintendents
c) Head of pathology
d) Administrator

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Discuss equipment used in hospital. (3)
3. Discuss the functions of infection control committee. (3)
4. Discuss the responsibilities of hospital administrator (3)
5. Identify the needs of hospital planning. (3)
6. Identify various legal requirements for Hospital Planning in India. (3)
7. Discuss the functions of Infection control committee. (3)

OR

Explain "Hospital Bed Matrix". (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

8. State the functions of Hospital Architect. (5)
9. explain ready to operate stage, (5)
10. Discuss the factors, influence the Hospital Planning. (5)

11. Explain about the factors determining bed distribution in a hospital. (5)
12. Explain Gantt Chart (5)
13. Differentiate major and minor facilities in hospitals. (5)
14. Construct a plan for diagnostic centre. (5)

OR

Design a building requirement of diagnostics zone of a hospital. (5)

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