



BRAINWARE UNIVERSITY

Term End Examination 2022 Programme – BBA(HM)-2020 Course Name – Fundamentals of Hospital Planning Course Code - BBAHMC502 (Semester V)

Full Marks: 60

[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 througha) A governing board made up of persons who b) Policies that assure availability of services have demonstrated concern for the to all the people in the hospital service community and leadership ability. area. d) All c) Participation of the hospital in community programmes to provide preventive care. (iii) Economic viability should be achieved by the hospital by taking___ mearurement 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

b) Nursing superintendents

hospital. Which of the following may act only as a observer in committee meetings?

a) Heads of medical departments

(viii)	c) Head of pathology BOQ stands for:	d) Administrator.	
(ix)	a) Biological Oxygen Quantityc) Biological Oxygen QualityThe most important criteria for site selection of	b) Bill Of Quantities d) All of these a hospital is:	
	a) site should be large enough to accomodate future expansionc) both the these	b) convinence for patients d) none of these	
(x)	Hospital planning team consist of:	a) none of these	
(xi)	 a) administrators c) hospital architect A study was conducted among nursing staff to f aspects of patient care viz., bed preparation, modoctor rounds, blood sampling, drug administrativould be applied for the analysis? 	onitoring of vital diagnosis, attending	
(xii)	a) Critical path methodc) Systems analysisA sound architectural plan should be achieved be	b) Input-output analysis d) Work sampling by the hospital through-	
(viii)	 a) Selection of a site large enough to provide for future expansion and accessibility of population. c) A public information programme that keeps the community identified with the hospital goals, objectives and plans. As per BIS, the recommended area for 25 hospi 	 b) A governing board made up of person have demonstrated concern for the community and leadership ability. d) all 	ons who
(XIII)	a) 20 hectares	b) 1 hectare	
(xiv)	c) 5 heactares There are various operational research models healthcare management. Which of the followin of resources like budget allocation, transfer price	d) none of these used in the areas of hospital and g models is used in the capital rationing	
(xv)	a) Assignment modelc) Dynamic programming modelA medical audit committee comprises profession hospital. Which of the following may act only as		
	a) Heads of medical departments c) Head of pathology	b) Nursing superintendentsd) Administrator	
	Grou	р-В	
	(Short Answer Ty	pe Questions)	3 x 5=15
3. D 4. D 5. Id 6. Id 7. D	iscuss equipment used in hospital. iscuss the functions of infection control committ iscuss the responsibilities of hospital administrat lentify the needs of hospital planning. lentify various legal requirements for Hospital Pla iscuss the functions of Infection control committ OF	or anning in India. ee.	(3) (3) (3) (3) (3) (3)
E	xplain "Hospital Bed Matrix".		(3)
	Grou (Long Answer Ty	•	5 x 6=30
9. 6	State the functions of Hospital Architect. explain ready to operate stage, Discuss the factors, influence the Hospital Planni Page 2	_	(5) (5) (5)

11. Explain about the factors determining bed distribution in a hospital.	
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)
