



BRAINWARE UNIVERSITY

Term End Examination 2021 - 22

Programme – Bachelor of Science in Medical Radiology & Imaging Technology

Course Name – Hospital Operations Management

Course Code - GEMGM402

(Semester IV)

Time allotted : 1 Hrs.15 Min.

Full Marks : 60

[The figure in the margin indicates full marks.]

Group-A

(Multiple Choice Type Question)

1 x 60=60

Choose the correct alternative from the following :

- (1) The Primary Healthcare Centre has -

a) 2-3 beds	b) 20-25 beds
c) 6-10 beds	d) 50 beds
- (2) Teaching hospital generally has -

a) 100 beds	b) 500 beds or more
c) 200 beds	d) 300 beds
- (3) MBO is using as a:

a) strategic management mode	b) Queuing problem model
c) Performance enhancement technique	d) Both strategic management mode and Performance enhancement technique
- (4) PERT & CPM are used as -

a) Statistical tool	b) Time-event tool
c) Network analysis	d) all of these
- (5) All influence Quality of Life except -

a) Health	b) life expectancy
c) employment	d) loyalty
- (6) Which service is known as the “shop window” of the hospital?

a) OPD	b) IPD
c) CSSD	d) Medical Records
- (7) One of the uses of Epidemiology is -

a) Community assessment	b) Quality assurance
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- c) Historical study
- d) Both a. Community assessment and c. Historical study
- (8) PERT stands for -
- a) Positive error reporting time
- b) Process evaluation research technique
- c) Program evaluation and research theory
- d) Program evaluation review technique
- (9) A Gantt chart is which -
- a) Displays the schedule as well as acts as a comparison
- b) Breaks down a project into controllable pieces
- c) Displays the step by step, schematic pictures of any process
- d) Is a series of bars whose height reflect the frequency
- (10) HEPA filters refer to -
- a) High efficiency particulate air
- b) Highly effective particles of air
- c) Heavily effective particles of air
- d) None of these
- (11) CPM is used for:
- a) Project management
- b) Statistical tool
- c) Clearly defined with critical path
- d) all of these
- (12) Most sensitive indicator for evaluating health status of population is
- a) Maternal mortality
- b) PQLI
- c) Infant mortality
- d) Morbidity
- (13) Morbidity is:
- a) Study of distribution of disease
- b) Study of death
- c) Study of sickness
- d) None of these
- (14) Positive air pressure at the aseptic zone can be met with:
- a) 18 air changes per hour
- b) 40 air changes per hour
- c) 20 air changes per hour
- d) 30 air changes per hour
- (15) As per Health Services Research there are two types of output. They are
- a) Intermediate and ultimate
- b) Intermediate and penultimate
- c) Interdisciplinary and intermediate
- d) None of these
- (16) FSN technique is used in
- a) Cost accounting
- b) Human Resource Management
- c) Inventory Management
- d) Time Motion Study
- (17) The term TSSU refers to
- a) Theatre Sterile Supply Unit
- b) Thoracic Sterile Supply Unit
- c) Tertiary Sterile Supply Unit
- d) None of these
- (18) Defibrillator is an equipment to
- a) Destroy tissues using electric current
- b) Provide assisted respiration
- c) Deliver electric shock at preset voltage to the chest wall
- d) None of these
- (19) The air distribution in O.T is always
- a) From protective zone to the sterile zone
- b) From sterile zone to the protective zone
- c) From clean zone to the protective zone
- d) From clean zone to the protective and sterile zone
- (20) Normally how many beds are there in a small specialized hospital:

- a) 100 beds
c) 200 beds
- b) 500 beds
d) 300 beds
- (21) The first post graduate programme in hospital administration was started in India in
- a) TISS Bombay
c) Armed Forces Medical College
- b) AIIMS Delhi
d) National Institute of Health and Family Welfare
- (22) The size of a hospital is determined by -
- a) Total number of beds
c) Total number of manpower
- b) Total number of patients per day
d) Both Total number of beds and Total number of patients per day
- (23) The operation theatre consists of-
- a) 8 zones
c) 4 zones
- b) 6 zones
d) 2 zones
- (24) The bed: population ratio in India is still -
- a) 1.5 bed per 1000 population
c) 1 bed per 1000 population
- b) 0.74 bed per 1000 population
d) 3.5 bed per 1000 population
- (25) Full form of NICU is -
- a) Neonatal intensive care unit
c) Nursing intensive care unit
- b) Neurosurgery intensive care unit
d) None of these
- (26) Full form of PICU is -
- a) Pediatric intensive care unit
c) Pediatric intensive care unit & Pulmonary intensive care unit
- b) Pulmonary intensive care unit
d) Either a or b
- (27) Radiology and imaging services including, except:
- a) X Ray
c) Blood test
- b) USG
d) MRI
- (28) What is the full form of BMW for hospitals?
- a) Bio Medical Waste
c) Bachelor of Medical management
- b) Bayerische Motoren Werke
d) None of these
- (29) For which department, the hospital operation management is mostly needed to accomplish day-to-day activities-
- a) HRM
c) Marketing
- b) Finance
d) All of them
- (30) Hospital operation management includes all _____ activities that it is busy all throughout the day but functions particularly marketing, accounting and finance, and HR, but no less important are usually kept out of its scope.
- a) Day-to-day
c) Multiple
- b) Single
d) Secondary
- (31) Which department provides feedback to the operations system on how well it performs with regard to effectiveness, cost, efficiency, productivity, and profitability measures?
- a) Quality
c) HR
- b) Accounts & Finance
d) Marketing
- (32) Quality can be divided into which of the two categories?

- a) Product and process
b) Superior and inferior
c) Primary and secondary
d) Cost and profit
- (33) A hospital's interior design should be based on a comprehensive understanding of the facility's mission and its _____ profile.
- a) Patient
b) Doctor
c) Director
d) HOD
- (34) Which indicator is used for health care research to measure performance?
- a) Occupancy rate
b) Periodic rate
c) Patient turnover rate
d) Mortality rated
- (35) X-Ray, computed tomography, nuclear medicine, ultrasound, and magnetic resonance imaging, comes under which services?
- a) Anesthesia
b) Nursing
c) Chaplaincy
d) Imaging & radiology
- (36) The radiation therapy department provides radiation therapy services, available for how many hours a day to inpatients and outpatients?
- a) 6
b) 12
c) 18
d) 24
- (37) Unity of Command means:
- a) Employees should receive orders from each departmental superior.
b) Employees should receive orders from one superior only.
c) Employees should receive orders other than their superior.
d) None of these
- (38) What is the full form of ACCM?
- a) Adequate Care Council of Medicine
b) African Care Council of Medicine
c) American College of Critical Care Medicine
d) American College of Care Medicine
- (39) Operation Theatre (OT) is said to be the primary source of revenue generation with around _____ percent of revenue earned just by this area.
- a) 20-30
b) 40-60
c) 70-80
d) 50-60
- (40) Which of the following is not used for surgical clothing?
- a) A protective cap covering their hair
b) Shades or glasses over their eyes
c) Vinyl gloves on their hands
d) A silk head ribbon
- (41) What is the % of non-hazardous waste ?
- a) 80-85
b) Above 90
c) 60-65
d) None of these
- (42) Which of the following is not used for treatment of bio-medical waste?
- a) Incinerators
b) Autoclave
c) Microwave
d) Refrigerator
- (43) The infectious agents can enter in the body through a puncture, abrasion, or cut in the skin through:
- a) Skin
b) Plasma membrane
c) Mucous membranes
d) Air
- (44) No untreated biomedical waste shall be stored beyond a period of:

(58) Capability to identify who has the disease is done by measuring:

- a) Validity
- b) Sensitivity
- c) Specificity
- d) All these

(59) Supportive services of the hospital include all except:

- a) Pharmacy services
- b) Laboratory services
- c) House-keeping services
- d) Laundry services

(60) Which is not the basis of classification of hospital:

- a) Specialty
- b) Functional
- c) Size
- d) Shape