



E-NOTICE

Date - 16/05/2022

Subject : MANAGEMENT ASSIGNMENT QUESTIONS FOR EVEN SEM 2022

ASSIGNMENT QUESTION

BHM-2ND SEM

PAPER NAME:-MEDICAL TERMINOLOGY

PAPER CODE :BBA(HM)201

1. Describe the blood circulation in the heart.
2. Define hormone. Describe briefly about the different hormones secreted from pituitary gland and their functions.
3. Different between a malignant and a benign tumor. Explain the of the term $T_1N_2 M_0$ in Oncology ? What are the types of cancer treatment available today.
4. What are the components of cardiovascular system? Describe the process of blood circulation. What are the functions of blood?
5. What is neuron? Draw and describe the different parts of a neuron.
6. What are the different types of muscle? Mention their locations into the body and their functions. What are the different types of joints present in our body? Explain their locations.

PAPER NAME: HOSPITAL OVERVIEW

PAPER CODE: BBA(HM)202

1. Describe the changing need of a modern hospital.
2. Describe the classification of Hospital in India.
3. Effective Hospital functioning need good Managerial Activities-Discuss it.
4. Write a short note on OPD.
5. Write a short note on levels of care.
6. Write down the effects of Globalization in our Hospital.

PAPER NAME: PROBABILITY & STATISTICS

PAPER CODE: BBA(HM)203/GE5B-01

1. 1 a). The probability that a pen manufactured by a company will be defective is $1/10$. If 12 such pens are manufactured, find the probability that
 - (i) exactly two will be defective
 - (ii) none will be defective
 - (iii) at least two will be defective
- b) From C.K.Town population, the probability of selecting i) a male or smoker is $7/10$ ii) a male smoker is $2/5$ iii) a male, when a selected person is smoker is $2/3$. Find the probability of selecting a non-smoker.
- c) If A and B are independent event, then prove that $\bar{A}\bar{B}$ is independent
2. 2. a) In the following data two class frequencies are missing.

C.I.	100	110	120	130	14	15	16	170	180	190
	-110	-120	-130	-140	0-150	0-160	0-170	-180	-190	-200
Frequenc y	4	7	15	?	40	?	16	10	6	3

However it was possible to ascertain the total number of frequencies was 150 and that the median has been correctly found out as 146.25. Find the two missing frequencies.

b) Let the lines of regression concerning two variables x and y be given by $y=32-x$ and $x=13-0.25y$. Obtain the values of the means and the correlation coefficient.

c) Prove that the standard deviation is independent of change of origin.

3. a) Three coins are tossed. Find the probabilities of i) 0 head; ii) 1 head, 2 heads, 3 heads; iii) more than 1 head; iii) at least 1 head.

b) Find the if there is a war every 15 years on the average, then find the probability that there will be no war in 25 years.

c) If the random variable X takes the value 1, 2, 3, 4 such that $2p(x=1) = 3p(x=2) = p(x=3) = 5p(x=4)$, find the probability distribution of X.

4. a) Prove that correlation coefficient does not depend on the origin or scale of the observations.

b) Calculate the quartile deviation from the following:

Class	10-15	15-20	20-25	25-30	30-40	40-50	50-60	60-70	Total
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interval									
Frequency	4	12	16	22	10	8	6	4	82

c). The arithmetic mean and variance of n values x_1, x_2, \dots, x_n are 0 and σ^2 respectively, and y is a variable defined by $y = x^2$. Prove that $\bar{y} = \sigma^2$.

PAPER NAME:ENVIRONMENT & SUSTAINABLE DEVELOPMENT
PAPER CODE: BBA(HM)204

1. Is environmental science important? Why or why not?
2. Should environmental science be important to society? Why or why not?
3. Difference between renewable and non renewable energy resources
4. Structure and functions of an ecosystem Eg Aquatic Ecosystem; Marine ecosystem etc
5. Write a short note on Climate change and global warming.

BBA-2ND SEM

PAPER NAME :OPERATIONS MANAGEMENT
PAPER CODE : BBA-201

1. Define Production.
2. Define Operations Management and Discuss the functions and relationship of Production. What is Production Management?
3. What is Time Study and Describe Supply Chain Management
4. What is TQM and Discuss in detail ABC Analysis
5. Define Quality Management

PAPER NAME :ORGANISATIONAL BEHAVIOUR
PAPER CODE : BBA-202

1. Define Organizational Behavior?
2. What is meant by saying that Organization is a System?
3. State the Contributing discipline of OB
4. What should be the need for knowledge of OB to practicing manager?
5. Explain the Big Five model of Personality.

PAPER NAME :HEALTH EDUCATION & COMMUNICATION
PAPER CODE :BBA-203/GE1B-03

1. Discuss about Concept of health and health education
2. What are the needs of health education in our country?
3. Environmental education is important our health education-discuss it.
4. Write a short note on Scope of health education
5. Write down the concept about interrelationship between different aspects of health, population and environment

PAPER NAME :ENVIRONMENT & SUSTAINABLE DEVELOPMENT
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MHA-2ND SEM

PAPERNAME : HOSPITAL SUPPORT SERVICES

PAPER CODE :MHA-201

1. Write a short note on patient safety..
2. Write a note on type of hospital diet.
3. Write a short note on Drug and Cosmetic act.
4. Discuss the problem areas and problem solution for house- keeping department.
5. State the role and function of hospital pharmacy.
6. List the various functions of Mortuary.

PAPER NAME :MATERIAL MANAGEMENT

PAPER CODE :MHA-202

- A. "Scope and importance of materials management function has increased with globalization and competition". Discuss.
- B. Explain the role of standardization and codification in managing materials.
- C. Explain the concept and derivation of EOQ model.
- D. Describe methodology for carrying out ABC and FSN analysis.
- E. Write notes on any two of the following :
 - a. Merits of inventory
 - b. Symptoms of poor inventory management
 - c. Modified EOQ formula
 - d. Objectives of purchasing

PAPER NAME : QUALITY MANAGEMENT

PAPER CODE : MHA(N)-203

1. Explain detail about QMS in hospital..
2. Explain the Techniques to be followed the Hospital Quality Management.
3. Explain Elements of TQM.
4. Write detail about Quality in Core and support services?
5. Explain various types of Audit conducted in Hospitals.
6. Define IPO Audit-A process flow chart.

PAPER NAME :HOSPITAL PLANNING

PAPER CODE :MHA(N)-204

- 1) What is Equipment Management of a Hospital
- 2) Draw the Equipment Management Cycle?
- 3) Point out Medical Equipment Management Process
- 4) Figure out the stages of Equipment Procurement process?
- 5) What is the Method of Demand Estimation

PAPER NAME: HEALTH MANAGEMENT INFORMATION SYSTEM

PAPER CODE: MHA(N)-205

- 1) What is HIS? Describe briefly about physical facilities and operational planning of HIS Department. How can HIS be used in evaluating quality of care?
- 2) What is the Medical Audit? Describe the various methods of health care.
- 3) Discuss the Advanced computer applications in the field of Health care..
- 4) What are the different types of records of reports generated by MRD? Explain their uses. Why do you think hospital statistics are essential?
- 5) Explain the qualification and job responsibility of medical record officer.

PAPER NAME: RESEARCH METHODOLOGY & QUANTITATIVE METHODS

PAPER CODE: MHA(N)-206

1. Define and explain the term "Research". Explain its importance and objectives..



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2. Define the main issues which should receive the attention of the researcher in formulating the research problem. Give suitable examples.
3. Explain in brief the stages in data processing
4. Briefly explain the significance of data processing. What is the problem associated with data processing
5. What are ethical issues concerning the research participants of a research activity. Explain

MCA-2ND SEM-THEORY

PAPER NAME : DATA STRUCTURE WITH PYTHON

PAPER CODE : MCAN-201

1. What is a binary search tree? Write an algorithm to find the element with the minimum key value in a binary search tree.
2. Define and explain Map ADT.
3. Define a class for creating nodes in a binary tree
4. Explain complete graph with example
5. What is a data structure? How are they classified?

PAPER NAME : OPERATING SYSTEM

PAPER CODE : MCAN-202

1. Write a shell script to list all the users available in /etc/passwd file in Linux.
2. What is the use of is command in Linux ? Explain the different options is command
3. Write a note on Dining Philosopher problem
4. Differentiate between segmentation and swapping
5. Explain the differences between dynamic loading and dynamic binding.

PAPER NAME : OBJECT ORIENTED PROGRAMMING WITH JAVA

PAPER CODE : MCAN-203

- 1) Discuss public, private, protected and default access modifier with example
- 2) What are the benefits of using generic types?.
- 3) Differentiate between Method overloading and method overriding with example
- 4) What is collection in Java? Differentiate between Vector and Array List.
- 5) Differentiate between abstract class and interface.

PAPER NAME : NETWORKING

PAPER CODE : MCAN-204

1. Explain any one routing protocol with suitable example.
2. What is System Capacity? What are different ways to improve coverage and capacity in cellular systems?
3. Describe different security and handoff issues in GPRS?
4. Explain the security features of IPv6
6. Write down a note on evolution of wireless communication system

PAPER NAME : COMPUTER GRAPHICS

PAPER CODE : MCAN205B

1. Explain in brief about any two Network topologies.
2. Write a detailed note on the ISO-OSI reference model.
3. Write a brief note on TCP and UDP protocols. Also compare TCP and UDP protocols
4. Write a detailed note on static and dynamic channel allocation.
5. Write a brief note on E-mail and FTP.



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MCA-2ND SEM-PRACTICAL

PAPER NAME : DATA STRUCTURE LAB USING PYTHON
PAPER CODE : MCAN-291

1. Explain and write an algorithm for in-order tree traversal
2. What is a graph? Explain the various types of graph.
3. What is a binary tree? Write an algorithm for Breadth First Traversal on a binary tree.
4. Explain depth first graph traversal algorithm.
5. Write a short note Average case complexity

PAPER NAME :OPERATING SYSTEM LAB(UNIX)
PAPER CODE : MCAN-292

1. What is an operating system? Explain its function and evolution.
2. What is a semaphore? Explain its implementation
3. Compare and contrast Unix and Windows NT.
4. What is the use of is command in Linux ? Explain the different options is command.

PAPER NAME :OOP LAB USING JAVA
PAPER CODE : MCAN-293

1. Justify statement.
(i) JVM is platform dependent. (ii) There is no destructor in Java.
2. Explain the followings with example
Dynamic Method Dispatch , super, final
3. What is collection in Java? Differentiate between Vector and Array List.

BHM-4TH SEM

PAPER NAME :PUBLIC HEALTH AND HEALTH CARE PLANNING
PAPER CODE :BBA(HM) 401

- 1) Describe the meaning of public health.
- 2) Write a short note on National Health Policy (2002).
- 3) Define Manpower, Discuss it's important in our health care system
- 4) Discuss RNTP..
- 5) Describe National Family Planning.
- 6) What do you know about Community diagnosis.

PAPER NAME :SUPPORT UTILITY SYSTEMS-I
PAPER CODE :BBA(HM) 402

1. Define Support and Utility Services of a Hospital?
- 2) Write in Brief about the manpower and equipments required in OPD?
- 3) Write the functions of Emergency department of a Hospital in Brief?
- 4) What are the Equipments Required in CSSD Department
- 5)Briefly elaborate the workflow of House Keeping Department of a Hospital.

PAPER NAME: HOSPITAL INVENTORY MANAGEMENT
PAPER CODE :BBA(HM) 403

1. What are the types of inventory control systems & discuss any two.
2. Write a short note on ABC analysis.
3. Define E.O.Q



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4. How many types of material are present in a hospital?
5. Describe surplus & obsolete materials
6. What do you know about logistics management.

PAPER NAME :BASICS OF COMPUTING
PAPER CODE :BBA(HM)-404/ GE-4B-03

1. Describe the Characteristics, History and Evolution of computer
2. Mention some Input Devices and functions of the different units
3. What are the Advantages and Disadvantages, Limitations of using Flowcharts.
4. What are Types of O.S. and mention some Functions

PAPER NAME :DATA ANALYSIS USING R
PAPER CODE :BBA(HM)-405

1. Mention the process of Installing R on Windows
2. Describe Overview and History of R
3. Describe the Simulating a Linear Model
4. What do you mean by Loop Functions

BCA-4TH SEM-THEORY
PAPER NAME : DATABASE MANAGEMENT SYSTEM
PAPERCODE :BCAC401

1. Draw and explain with diagram the DBMS architecture.
2. Difference between candidate key and alternate key.
3. Draw an ER diagram for a library management system.
4. With proper example explain – i) Generalization & ii) Aggregation.
5. Discuss the usefulness of ACID properties to ensure integrity during transaction process.

PAPER NAME :SOFTWARE ENGINEERING
PAPER CODE:BCAC402

1. What is testing? What is the importance of testing? What are terms related to testing?
2. What is use case diagram? Draw a use case diagram for ATM system.
3. What is 4Ps of software project management?
4. What is prototype? Explain the model which use prototype.
5. What is software maintenance? What are the different types of software maintenance?

PAPER NAME :PYTHON PROGRAMMING
PAPER CODE :BCAC403

1. Advantages & Disadvantages of python.
2. What is the command to debug a python program?
3. Discuss how to convert a list into other data types?
4. What is a qualified/unqualified name in python?
5. What are different methods to copy an object in python?



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PAPER NAME :PRINCIPLES OF MANAGEMENT
PAPER CODE :BCAS404/ GE-5B-01

1. Define delegation of authority. State various elements of delegation.
2. Define long term plans. Differentiate between standing and special use plans.
3. Explain the various steps of MBO process. Give the limitations of MBO. Explain briefly the concept of leadership.
4. Management is both a science and an art----elucidate.
5. Briefly explain Matrix structure of an organization.

BCA-4TH SEM-PRACTICAL

PAPER NAME : DATABASE MANAGEMENT LAB
PAPER CODE :BCAC491

1. With an example explain the steps of ER to Relational Mapping Algorithm.
2. List and briefly explain the various attribute Data Types and Domains in SQL.
3. With a neat diagram, Explain Three Tier Architecture Database Applications and briefly explain the advantages of Three tier Architecture
4. Briefly explain Transaction Support in SQL.
5. List & briefly explain different types of JDBC Drivers

PAPER NAME :SOFTWARE ENGINEERING LAB
PAPER CODE :BCAC492

1. Explain four professional and ethical responsibilities of a software engineer.
2. Explain the different types of UML diagram.
3. With a neat diagram, explain cocomo-11 model.
4. Explain test-driven development with diagram.
5. Write a short note on open source development

PAPER NAME : PYTHON PROGRAMMING LAB
PAPER CODE :BCAC493

1. Write a code to convert string to lowercase in Python.
2. Maximum of two numbers in Python
3. Write a program to demonstrate different number datatypes in python.
4. Write a python program to create, append and remove lists in python.
5. Different ways to clear a list in Python

BBA-4TH SEM

PAPER NAME :HUMAN RESOURCE MANAGEMENT
PAPER CODE:BBA 401

1. What is Human Resource Management?
- 2.State briefly the functions of HR Department.
3. What is the role of a Human Resource Manager?
- 4) Explain Job Analysis in Brief
- 5) What is Career Planning?



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PAPER NAME: SALES & DISTRIBUTION MANAGEMENT
PAPER CODE :BBA 402

- 1 What do you understand by the term sales force ? Why is controlling and motivation essential for sales force ?
- 2 Define public distribution and elaborate its special features. Also discuss its role and importance.
- 3 Describe the process of Managing dealer –network. Bring out the importance of channels of distribution.
- 4 How does a sales Manager design a sales territory and what are the different shapes of territory design? Discuss.

PAPER NAME: CUSTOMER RELATIONSHIP MANAGEMENT
PAPER CODE :BBA 403

1. Briefly summarize what CRM is all about. What are the benefits? Do you see any possible downside?
2. How does Numi use technology to enhance its customer relationships?
3. Identify and briefly describe at least four key business capabilities provided by the use of a CRM system.
4. Describe the capabilities of customer relationship management software for sales, marketing, and customer service
5. Long-term relationships with profitable customers is the key objective of:
 - a. personal selling
 - b. customer relationship management
 - c. production-oriented firms
 - d. e-marketing
 - e. distribution channels
6. Find out which one is correct and discuss it.

PAPER NAME: BASICS OF COMPUTING
PAPER CODE :GE4B-03/ BBA 404

1. Describe the Characteristics, History and Evolution of computer
2. Mention some Input Devices and functions of the different units
3. What are the Advantages and Disadvantages, Limitations of using Flowcharts.
4. What are Types of O.S. and mention some Functions

PAPER NAME :COMPUTER APPLICATION
PAPER CODE:BBA 405

1. What are the advantages and limitations of computers
2. Mention some functions of Operating system
3. Describe the growth of Internet
4. What is Spreadsheet and its Business Applications

MHA-4TH SEM

PAPER NAME :HEALTH ECONOMICS
PAPER CODE:MHAN-401

1. What are short-run and long-run in production? Discuss the laws of production function.
2. What is expansion path for any business economy? Draw and explain the expansion path where constant return to scale in application.
3. Explain cost-output relationship in short run in detail.
4. As a hospital manager what economic factor will you consider before purchase and installation of a MRI machine? Discuss the opportunity cost for the above.
5. Discuss macroeconomics of various national health programs.



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PAPER NAME :DISASTER MANAGEMENT
PAPER CODE:MHAN-402

1. Narrate the features of disaster management.
2. Explain ambulance management.
3. Analyse the role of hospitals in disaster management.
4. Describe the need for disaster management
5. Explain briefly about guiding principles for health sector food management.
6. Sunami caused havoc to the mankind. Briefly discuss this statement.

BHM-6TH SEM

PAPER NAME :PUBLIC RELATIONS
PAPER CODE :BHM (N) 601

- 1) Explain in brief the need of Public Relation Department of Hospital
- 2) What kind of Qualities should a Public Relation Officer have?
- 3) Functions of Public Relation in Hospital?
- 4) What are the components and tools of Public Relations
- 5) What are the Objectives of Public Relations?

PAPER NAME :OCCUPATIONAL HEALTH
PAPER CODE :BHM (N) 602A

1. What do you mean by Sickness Absenteeism?
2. Write a short note on Miner's black lungs. What are the factors responsible for pneumoconiosis? How will you control industrial cancer?
3. Define occupational health. Enumerate its objectives. Why do you think it is an important branch of study? Lay down the principles of occupational health as declared by WHO/ILO.
4. What are the measures for health protection of workers in respect of communicable disease, environmental sanitation and mental health?
5. Write an essay on principles of radiation protection and its various methods.
6. Define disability. What are the various types of disabilities listed in Workman's Compensation Act ? Enumerate the conditions under which an employer is not liable to compensate his employees even when faced with an accident.

BCA-6TH SEM-THEORY

PAPER NAME :ARTIFICIAL INTELLIGENCE
PAPER CODE – BCAN-E601B

1. Explain the Heuristic Search Techniques.
2. Give a brief note on Alpha-Beta Priming.
3. List and explain the applications of Artificial Intelligence.
4. Explain the Expert System Architecture with diagram.
5. Describe the Bayesian Belief networks with an example.

PAPER NAME :ADVANCED DBMS WITH PLSQL
PAPER CODE:BCAN-E602B

1. Discuss their significance in DBMS. How views are created in SQL with the help of an example.
2. What is query optimization ? Discuss the role of query optimization in Oracle.
3. Discuss the following with the help of a suitable example for each :
(i) Dynamic SQL (ii) OLAP and its types (iii) Cursors
4. Discuss the types of indexes involved in PostgreSQL with suitable exam.



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5. Discuss the working of SQLJ. "Can SQLJ use dynamin SQL?" If yes, then how ? Otherwise, specify the type of SQL it can use.

PAPER NAME :VALUES AND ETHICS OF PROFESSION

PAPER CODE :HUN 601

1. What is the relationship between ethics and the law?
2. Can an action be unethical but not illegal? If so, explain how and give an example
3. Is there a difference between what is legally required, and what is ethically required?
4. What are five unethical behaviors found in the workplace and how do they affect the development of a company?
5. Give an account of the nature, definition and scope of Ethics.
6. Difference between good and bad.

BBA-6TH SEM

PAPER NAME :MANAGEMENT ACCOUNTING

PAPER CODE :BBAN-601

1. Write a short note on Responsibility of Accounting/Responsibility centre.
2. What is zero-based budgeting. What are the steps involved in it.
3. State the assumption and limitation of BEA.
4. What is meant by Management Accounting.
5. Explain the purpose and objective of Management Accounting.

PAPER NAME :ADVERTISING & SALES PROMOTION

PAPER CODE:BBAN-602

1. "Salesman are Born. They are not made." Discuss
2. How is media selected? How cost efficiency is a determinant in ,media selection?
3. What are the objectives of sales management
4. What are the different stages of selling process
5. How to determine sales potential

PAPER NAME :INDUSTRIAL RELATIONS

PAPER CODE :BBAN-603

- 1) What is Industrial Relation in Human Resource Management?
- 2) What are types of Discipline in Human Resource Management?
- 3) What is Employee Grievance in HRM?
- 4) What are the Guidelines of Handling Grievance in HR?
- 5) Explain in Brief about the Promotion of Employee in HRM?

PAPER NAME :PUBLIC SERVICE MANAGEMENT

PAPER CODE :BBAN-604

1. What are the Factors, Determinants and Other Issues in National Health Policy
2. What are the commercial aspects of air transport?
3. Distinguish between schedule and non-schedule air transport service.
4. Discuss the commercial and economic significance of rail transport.
5. Write short notes on Railway coaching and freight traffic.
6. Write a short note on Reproductive & Child Health Care Programme.
7. State the emerging problems in road infrastructure development.

By Order, Authorised Signatory