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C-3136

SUBJECT CODE NO: C-3136
FACULTY OF COMMERCE AND MANAGEMENT
B.C.A. S.Y (Sem -III)
Examination November/December- 2023
OPPS Using C++ - XIV

[Time: 2:00 Hours]**[Max. Marks: 50]**

N. B

Please check whether you have got the right question paper.

- 1) Question Number 1 is compulsory.
- 2) Solve any three Question 2 to 6.

Q1 Multiple Choice Question,

- 1] Polymorphism types is/are
 - A] Compile time
 - B] Run time
 - C] Both a & b
 - D] None of above
- 2] Which C++ oops features is related to re-usability?
 - A] Encapsulation
 - B] Inheritance
 - C] Abstraction
 - D] None of the above
- 3] Which of the following operators cannot be overloaded?
 - A] >>
 - B] ?
 - C]
 - D] Both B & C
- 4] How many types of constructors are there in C++
 - A] 1
 - B] 2
 - C] 3
 - D] 4
- 5] The standard C++ comment
 - A] //
 - B] /* and */
 - C] Both are A & B
 - D] None of them
- 6] Operator overloading is
 - A] Making C++ operator works with object
 - B] Giving new meaning to existing C++ operator
 - C] Making new C++ operator
 - D] Both A & B
- 7] What does a class in C++ holds?
 - A] Data
 - B] Function
 - C] Both A & B
 - D] Arrays
- 8] Which is used to define the member of a class externally?
 - A] :
 - B] ::
 - C] #
 - D] \$

08

Q2 Explain function prototype. Give program example of call by reference.

14

Q3 Explain constructor & destructor in detail? Write a program for constructor overloading?

14

Q4 A) Explain virtual function?
B) Explain friend function? Explain in detail with demo program?

Q5 A) Explain Array with example?
B) Write a program to check entered no. is palindrome or not?

Q6 Write short note.
A] Operator Overloading
B] Loops in C++

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SUBJECT CODE NO: - C-3144
FACULTY OF COMMERCE AND MANAGEMENT
B C A S.Y (SEM-III)
Examination November / December - 2023
DBMS-XVI

[Time: 3:00 Hours]**[Max. Marks: 80]**

Please check whether you have got the right question paper.

- N. B
 1) Q.No.1 is compulsory.
 2) Solve any four from 2 to 6.

Q1 A. Multiple choice questions. 05

1. DDL stands for -----
 a) Database definition level *b) Data definition language
 c) Data device latency d) None of the above
2. Which type of information is used by the top-level managers?
 a) Strategic information b) Operational information
 c) Technical information d) All of the above
3. Key to represent relationship between tables is called -----
 a) Primary key *b) Secondary key
 c) Foreign key d) Candidate key
4. Which of the following is the properties of entities?
 a) Group b) Table c) Primary key *d) Attribute
5. In an E-R diagram an entity set is represented by a -----
 a) Diamond box b) Ellipse *c) Rectangle d) Circle

B. Fill in the blanks. 05

- conceptual model DB relational*
introducing
answering
(U1)
- 1) ----- design is both software and hardware independent.
 - 2) A ----- is a DBMS that is based on the relational model.
 - 3) ----- DDL commands used to create a table.
 - 4) By default, data is arranged in ----- order using ORDER by clause.
 - 5) ----- is the interface with which the user interact.

- C. True or false. 05
- 1) Revere statement is used to remove one or more records in a database.
 - 2) Data from multiple table can be stored in labels.
 - 3) The SELECT statement WHERE clause does not helps to display data.
 - 4) In three different ways we can create forms and REPORTS in database.
 - 5) One to one in this relationship, both the tables must have primary key columns.
- D. Answer in one sentence. 05
- 1) What does RDBMS stands for?
 - 2) What are the data types used in the DBMS?
 - 3) Name the DML commands.
 - 4) Can a form display data from queries
 - 5) What do you mean by sorting?
- Q2 What is scheduling? Explain serial and non-serial scheduling. 15
- ✓Q3 What are the components of E-R-diagram? Explain with diagram. 15
- Q4 Define serializability? Explain the types of serializability. 15
- Q5 Explain with diagram the two tier and three tier architecture. 15
- Q6 Write short note on (any three) 15
- 1) ACID properties
 - 2) Two phase locking techniques
 - 3) Foreign key
 - 4) Super key
 - 5) 2 NF and 3 NF

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SUBJECT CODE NO: - C-3140
FACULTY OF COMMERCE AND MANAGEMENT
B. C. A S. Y (Sem-III)
Examination November/December-2023
Business Law-I-XV

[Time: 3:00 Hours]

[Max. Marks: 80]

Please check whether you have got the right question paper.

N.B.

- 1) Q. 1 No is compulsory
 2) Q.2 to Q.7 attempt any four

O1 A) Multiple choice questions

5

- Multiple choice questions:

 - Most essential element of a valid contract is _____ parties.
a) Four b) Three c) Two d) One
 - There are _____ parties to a bill of exchange.
a) Two b) Three c) Five d) None of these
 - Types of contract are _____.
a) Valid b) Void c) a & b d) None of the above
 - Types of Negotiable instruments
a) Bills of exchange b) Cheque
c) Promissory note d) All of the above
 - Cyber of IT act came into effect from _____.
a) May 2000 b) May 1995
c) May 1895 d) May 2020

B) Answer in one sentence.

5

1. What does UNCITRAL stands for?
 2. What is a contract?
 3. Classification of cyber-crime?
 4. Who is a consumer?
 5. Who is unpaid seller?

C) Fill in the blanks:

1

1. _____ means "Let the buyer be aware"
 2. In our ordinary transaction sale of goods is a _____
 3. A cheque bearing a later date is called _____ cheque
 4. The consumer has been defined in the section _____
 5. Consideration must move at the desire of the _____

D) True or False.

1

- 1. When a contract is made by written letter is called implied contract.
 - 2. A void contract is void ab initio
 - 3. Discharge means termination of a contract.
 - 4. Right to safety is the least improve.

r 5. Copyright can be used to preserve the musical work

- ✓ Q2 Define contract and also explain the types of contracts and its essential elements? 15
- Q3 What do you mean by sale of goods? Explain the difference between sale and an agreement to sell. 15
- Q4 Explain the objectives of consumer protection Act? Also explain the working of consumer protection council. 15
- Q5 What do you mean by negotiable instruments? Explain the types of negotiable instruments. 15
- Q6 What do you mean by cyber & IT act 2000? Explain the different types of cyber frauds and cheating. 15
- Q7 Write short notes on. (Any three) 15
1. Digital signature
 2. Breach of contract
 3. Sale by auction and there purchase agreement
 4. Dishonour of negotiable instruments
 5. Composition of consumer disputes redressal agencies.

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SUBJECT CODE NO: - C-3157**FACULTY OF COMMERCE AND MANAGEMENT****B C A S.Y (SEM-III)****Examination November-December - 2023****Elective- XVIII****Data Structure and Algorithm****[Time: 2:00 Hours]****[Max. Marks: 50]**

Please check whether you have got the right question paper.

- N. B 1. Question no 1 is compulsory
 2. Solve any three from questions Q. 2 to Q. 6

Q1 A] Multiple choice questions 4

- 1) Which of the following is a linear data structure
 - a) Array
 - b) AVL tree
 - c) Binary tree
 - d) Graph
- 2) Which of the following is not the type of queue?
 - a) circular queue
 - b) Priority queue
 - c) Single ended queue
 - d) Ordinary queue
- 3) Which one of the following is the process of inserting element in stack?
 - a) Add
 - b) Push
 - c) Insert
 - d) None of the above
- 4) When user tries to delete the element from the empty stack then the condition is said to be a-----
 - a) Underflow
 - b) Garbage collection
 - c) Overflow
 - d) All of the above

B) fill in blank 4

- 1) A _____ is a linear list also known as FIFO

- 2) _____ means organisation of data
 3) Adding an elements in a queue is called _____ operation
 4) _____ means accessing in each element of any data structure

Q.2 Define linear data structure and explain difference between queue and stack with example.

14

Q.3 Explain operations on non - linear data structure with example.

14

Q.4 Write algorithms tor insertion and deletion in array.

14

Q.5 Explain features and characteristics of algorithm of algorithm and write algorithm for bubble sort.

14

Q.6 Write short note on (any two)

14

- a) Pop operation
- b) Push operation
- c) Binary tree
- d) Cycles in graph

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SUBJECT CODE NO: - C-3150
FACULTY OF COMMERCE AND MANAGEMENT
B C A S.Y (SEM-III)
Examination November / December - 2023
E-Business Essential - XVII

[Time: 3:00 Hours]**[Max. Marks: 80]**

Please check whether you have got the right question paper.

N. B

- 1) Question number 1 is compulsory.
- 2) Solve any four questions from 2 to 6

Q1 A. Multiple choice questions**05**

- 1) Google pay is -----
 - a) Play store from google
 - b) Search engine
 - c) Web browser
 - d) Application for payments platforms
- 2) -----are networks that connect people within a company to each other and to the company network.
 - a) Bitstream
 - b) Intranet
 - c) Extranet
 - d) Internet
- 3) The most secured online payment made is -----
 - a) Paypal
 - b) Checks
 - c) Credits card
 - d) Debit card
- 4) A -----is the set of planned activities designed to result in a profit in a marketplace
 - a) A business model
 - b) Profit model
 - c) Business plan
 - d) Revenue model
- 5) EFT stands for -----
 - a) Electrical funding transaction
 - b) Email file transfer
 - c) Electronic fund transfer
 - d) Electronic funded trade

B. Fill in the blanks**05**

- 1) Social collaboration is -----
- 2) CRM stands for -----
- 3) E-commerce stands for -----
- 4) RIGS means -----
- 5) B₂C is -----

C. Answer in one sentence.	05
1) What are the types of e-commerce?	
2) E-commerce is the store, which totally runs with the help of?	
3) NEFT stands for?	
4) What are the types of E-payments?	
5) What do you mean by ethic in e-business?	
D. True or false	05
1) E-commerce is less complex than E-business.	
2) There is no geographical boundaries for e-business.	
3) Electronic business is much costly than traditional business.	
4) Online business gets benefits from government sectors.	
5) Organization-centric is also known as social centric.	
Q2 Explain the relation between E-business and E-commerce. What are the features of E-business?	15
Q3 Define information society. What are the characteristics of GIS?	15
Q4 What are the elements of supply chain management?	15
Q5 What is internet, intranet and extranet?	15
Q6 Write short note on [any three]	15
a) Multi option society	
b) E-payment	
c) ICT	
d) Demerits of E-business	
e) WWW	

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C-3132**SUBJECT CODE NO:- C-3132****FACULTY OF COMMERCE AND MANAGEMENT****B C A S.Y (Sem-III)****Examination November/December-2023****Principles of Management -XIII****[Time: 3:00 Hours]****[Max. Marks: 80]**

Please check whether you have got the right question paper.

N. B

- 1) Q1 is compulsory.
- 2) Solve any 4 questions from 2 to 7.

Q1 Objective Type Questions**A) Select the appropriate option**

1. Henry Fayol, F. W. Taylor belongs to which of the following school of management?
 - a. Neoclassical School
 - b. Modern School
 - c. Classical School
 - d. Early Perspective
2. The first step in the planning process is to
 - a. Set an objective
 - b. Evaluate alternatives
 - c. Determine strength and weaknesses
 - d. None of above
3. Staffing is _____.
 - a. Setting goals for the organization
 - b. Translation of plans into action
 - c. Putting right people in right job
 - d. Filling and keeping filled positions in the organizational structure
4. An efficient control system helps to:
 - a. Accomplishes organizational objectives
 - b. Boosts employee morale
 - c. Judges accuracy of standards
 - d. All of the above
5. Six Sigma can be defined as:
 - a. A summary statistic
 - b. A representation of variation
 - c. Permission to improve processes
 - d. All of the above

B) Answer in one sentences.

1. Define management

05

05

2. What is Forecasting?
3. Define Staffing.
4. what is the meaning of Directing?
5. What is Bench Marking?

C) Fill in the blanks.

1. Management is multidimensional because it has _____ dimension(s).
2. Forecasting is closely related to _____
3. _____ function of Management related to placing the right person at the right job is _____
4. Direction is the _____ process.
5. _____ is known as the father of TQM (Total Quality Management)

D) State whether the statement is true or false.

1. Management is Science as also an art
2. Planning is a secondary function of management
3. Centralization is a reservation or withholding of authority by individual managers within the organisation
4. Successful organizations do not achieve goals by chance but by following a deliberate process known as Management.
5. Quality is a continuous process that can be broken anywhere in the system of supply and customer services.

Q2 Define Management. Explain the Importance of management.

15

Q3 Describe the Methods of Forecasting.

15

Q4 Discuss the various methods of recruitment.

15

Q5 Explain the various techniques of control.

15

Q6 What is TQM? Explain the TQM approach.

15

Q7 Write short notes (Solve any three)

15

- a) Taylor's contribution in management thought
- b) Process of Planning
- c) Types of Decisions
- d) Importance of Directing
- e) Six Sigma