



COA 203

B.A./B.Sc. IVth SEMESTER EXAMINATION, 2024-25

COMPUTER APPLICATION

(Database Management System)

AFFIX PRESCRIBED
RUBBER STAMP

Date (तिथि) : _____

Paper ID

(To be filled in the
OMR Sheet)

5619

अनुक्रमांक (अंकों में) :

Roll No. (In Figures) :

अनुक्रमांक (शब्दों में) :

Roll No. (In Words) : _____

Time : 1:30 Hrs.

समय : 1:30 घण्टे

Max. Marks : 75

अधिकतम अंक : 75

नोट : पुस्तिका में 50 प्रश्न दिये गये हैं, सभी प्रश्न करने होंगे। प्रत्येक प्रश्न 1.5 अंक का होगा।

Important Instructions :

1. The candidate will write his/her Roll Number only at the places provided for, i.e. on the cover page and on the OMR answer sheet at the end and nowhere else.
2. Immediately on receipt of the question booklet, the candidate should check up the booklet and ensure that it contains all the pages and that no question is missing. If the candidate finds any discrepancy in the question booklet, he/she should report the invigilator within 10 minutes of the issue of this booklet and a fresh question booklet without any discrepancy be obtained.

महत्वपूर्ण निर्देश :

1. अभ्यर्थी अपने अनुक्रमांक केवल उन्हीं स्थानों पर लिखेंगे जो इसके लिए दिये गये हैं, अर्थात् प्रश्न पुस्तिका के मुख्य पृष्ठ तथा साथ दिये गये ओ०एम०आर० उत्तर पत्र पर, तथा अन्यत्र कहीं नहीं लिखेंगे।
2. प्रश्न पुस्तिका मिलते ही अभ्यर्थी को जाँच करके सुनिश्चित कर लेना चाहिए कि इस पुस्तिका में पूरे पृष्ठ हैं और कोई प्रश्न छूटा तो नहीं है। यदि कोई विसंगति है तो प्रश्न पुस्तिका मिलने के 10 मिनट के भीतर ही कक्ष परिप्रेक्षक को सूचित करना चाहिए और बिना त्रुटि की दूसरी प्रश्न पुस्तिका प्राप्त कर लेना चाहिए।

1. In Fox PRO, the default date format is _____.
 - (A) MM/DD/YY
 - (B) DD/MM/YY
 - (C) YY/MM/DD
 - (D) DD/YY/MM

2. SQL can be used to :-
 - (A) Create database
 - (B) Update database
 - (C) Delete database
 - (D) All of the above

3. The overall design of a database is called _____.
 - (A) Schema
 - (B) Database
 - (C) DBMS
 - (D) Instance

4. The snapshot of a Table is called _____.
 - (A) Tuple
 - (B) Attributes
 - (C) Schema
 - (D) Instance

5. Which command is used to create a new table is SQL.
 - (A) Truncate
 - (B) Drop
 - (C) Build
 - (D) Create

6. A set of two or more Transactions are called _____.
- (A) Cascade
 - (B) Recoverable
 - (C) Schedule
 - (D) ACID
7. To Delete a table in Database Completely, Which command is used ?
- (A) Delete
 - (B) Drop
 - (C) Empty
 - (D) Truncate
8. Which is used to delete or empty all records in a table ?
- (A) DROP
 - (B) DELETE
 - (C) Truncate
 - (D) Alter
9. Grant command is a part of _____.
- (A) DML
 - (B) DCL
 - (C) TCL
 - (D) DDL
10. Which commands are/is used in DML.
- (A) Revoke
 - (B) Update
 - (C) Both (A) & (B)
 - (D) Grant

11. What is DBMS ?
- (A) DBMS is a Collection of Queries
 - (B) DBMS is a High level language
 - (C) DBMS is a Programming language
 - (D) DBMS stores, modifies and retrieves data
12. Which of the following is not a feature of DBMS ?
- (A) Minimum Duplication and Redundancy of Data
 - (B) High level of Security
 - (C) Single-user Access only
 - (D) Support ACID Property
13. What does an RDBMS Consist of ?
- (A) Collection of Records
 - (B) Collection of Keys
 - (C) Collection of Tables
 - (D) Collection of Fields
14. Which of the following is not a function of the database ?
- (A) Managing stored data
 - (B) Manipulating data
 - (C) Security for stored data
 - (D) Analyzing code
15. Which of the following is not a utility of DBMS ?
- (A) Backup
 - (B) Data loading
 - (C) Process organization
 - (D) File organization

16. Which key is a set of one or more attributes taken collectively to uniquely identify a record.
- (A) Primary Key
 - (B) Foreign Key
 - (C) Super Key
 - (D) Candidate Key
17. For designing a normal RDBMS, which of the following normal form is considered adequate ?
- (A) 4NF
 - (B) 3NF
 - (C) 2NF
 - (D) 5NF
18. Which of the following establishes a top-to-bottom relationship among the items ?
- (A) Relational
 - (B) Network
 - (C) Hierarchical
 - (D) Distributed
19. Tables with rows and columns can be viewed as -
- (A) Analytical models
 - (B) Relational models
 - (C) Composite models
 - (D) Database models

20. Which of the following is example of object based logical model ?
- (A) Relational model
 - (B) Hierarchical model
 - (C) Network model
 - (D) Entity Relational model
21. Person, Who handles the databases called _____.
- (A) System Administrator
 - (B) Programmer
 - (C) Designer
 - (D) DBA
22. Fox Pro is a _____.
- (A) Files
 - (B) Database
 - (C) DBMS
 - (D) NONE
23. The full form of DDL is.
- (A) Data Define Language
 - (B) Data Decision Language
 - (C) Data Dedicated Language
 - (D) Data Definition Language
24. The commands to fetch all the records of employee table is _____.
- (A) Fetch * from employee
 - (B) Select * from employee
 - (C) Update * from employee
 - (D) Pick * from employee

25. Roll Back commands belongs to _____.

(A) DDL

(B) DML

(C) TCL

(D) DCL

26. Which is an example of DBMS ?

(A) Yahoo

(B) Bing

(C) IBM DB2

(D) Google

27. Truncate commands used to _____.

(A) Delete the table

(B) Delete all records of table

(C) Delete one records of table

(D) All of the above

28. Grant command is a part of _____.

(A) TCL

(B) DCL

(C) DDL

(D) DML

29. In DCL Language 'C' stands for _____.
- (A) Create
 - (B) Control
 - (C) Command
 - (D) None of the above
30. The column of a relation is known as _____.
- (A) Entity
 - (B) Attributes
 - (C) Tuple
 - (D) Degree
31. Which of the following is a valid aggregate function _____.
- (A) Multiply ()
 - (B) Divide ()
 - (C) Power ()
 - (D) Sum ()
32. The super set of primary key is called _____.
- (A) Attribute
 - (B) Domain
 - (C) Tuple
 - (D) Super Key

33. Which is minimal super key ?
- (A) Foreign Key
 - (B) Primary Key
 - (C) Candidate Key
 - (D) None
34. The key which is chosen by DBA among the candidate key is _____.
- (A) Foreign Key
 - (B) Composite Key
 - (C) Candidate Key
 - (D) Primary Key
35. Primary key can not be _____.
- (A) NULL
 - (B) unique
 - (C) Both (A) & (B)
 - (D) None
36. TCL commands are _____.
- (A) Save point
 - (B) Roll back
 - (C) Both (A) & (B)
 - (D) None

37. Which is not a type of database ?
- (A) Network
 - (B) Hierarchical
 - (C) Decentralized
 - (D) Distributed
38. Which is not an example of DBMS Language ?
- (A) TCL
 - (B) DDL
 - (C) DML
 - (D) DBL
39. The command to delete a table completely in Database _____.
- (A) Drop table
 - (B) Delete
 - (C) Remove
 - (D) Update
40. Real words things is represented as _____.
- (A) Attributes
 - (B) Column
 - (C) Tuple
 - (D) Entity

41. The descriptive property of an entity is _____.
- (A) Attribute
 - (B) Entity
 - (C) Relatim
 - (D) None
42. Age of any Person entity is called _____.
- (A) Single valued
 - (B) Multivalued
 - (C) Derived
 - (D) Composite
43. Database is the collection of interrelated _____.
- (A) Attribute
 - (B) Rows
 - (C) Column
 - (D) Data
44. Entity is represented by _____.
- (A) Rectangle
 - (B) Square
 - (C) Diamond
 - (D) Elipse

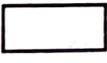
45. Relation produced from E-R model will always be in _____.

- (A) 1 NF
- (B) 2 NF
- (C) 3 NF
- (D) 4 NF

46. Multivalued attribute is represented as _____.

- (A) Double Elipse
- (B) Single Elipse
- (C) Dashed Elipse
- (D) Diamond

47. Attributes in ER diagram are represented as _____.

- (A) 
- (B) 
- (C) 
- (D) 

48. In the _____ normal form atomicity preserved.

- (A) 1 NF
- (B) 2 NF
- (C) 3 NF
- (D) 4 NF

49. If every non-key attribute functionally dependent on the primary key, then the relation will be in _____.
- (A) 1 NF
 - (B) 2 NF
 - (C) 3 NF
 - (D) 4 NF
50. _____ Normal form is based on the concept of Transitive dependency property.
- (A) 4 NF
 - (B) 2 NF
 - (C) 3 NF
 - (D) 1 NF
