



**UG – 443**

Version Code

**D**

<sup>28</sup>  
**VI SEMESTER B.A./B.SC./B.C.A./B.S.W./B.SC. (FAD)**  
**EXAMINATION, SEPTEMBER/OCTOBER 2022**  
**(CBCS) (Fresh + Repeaters) (2016 – 17 and Onwards)**  
**Computer Applications and Information Technology**  
**(Non-Core)**

**601329**

Question Booklet Sl. No.

**Time Allowed : 3 Hours**

**Maximum Marks : 70**

**INSTRUCTIONS TO CANDIDATES**

1. Immediately after the commencement of the Examination, you should check that this Booklet does not have any unprinted or torn or missing pages or items, etc. If any of the above defects is found, get it replaced by a Complete Question Booklet of the available series.
2. Write clearly the Question Booklet Version Code **A, B, C, D** or **E** in the appropriate space provided for the purpose, in the OMR Answer Sheet.
3. Enter the name of the Subject, Reg. No., Question Booklet version code and affix Signature on the OMR sheet. As the answer sheets are designed to suit the Optical Mark Reader (OMR) system, special care should be taken to fill those items accurately.
4. This Question Booklet contains **55** questions, **Part – A** contains **40** questions of **one** mark each. **Part – B** contains **15** questions of **two** marks each. **All** questions must be attempted. Each question contains four answers, among them one correct answer should be selected and shade the corresponding option in the OMR sheet.
5. All the answers should be marked only on the OMR sheet provided and only with a **black** or **blue** ink ball point pen. If more than one circle is shaded / wrongly shaded / half shaded for a given question no marks will be awarded.
6. Immediately after the final bell indicating the closure of the examination, stop making any further markings in the OMR Answer Sheet. Be seated till the OMR Answer Sheet is collected. After handing over the OMR Answer Sheet to the Invigilator you may leave the examination hall.





## PART – A

Answer **all** the questions. **Each** question carries **1** mark.

(40×1=40)

1. DML is provided for
  - a) Description of physical structure of database
  - b) Addition of new structure of database
  - c) Manipulation and processing of database
  - d) Definition of physical structure of database system
2. In hierarchical model, records are organised as
  - a) Array
  - b) Graph
  - c) List
  - d) None of the above
3. The database environment has all the following components except
  - a) Database
  - b) Users
  - c) Separate files
  - d) Database administrator
4. Expand XML.
  - a) Extensible Markup Language
  - b) Extensible Makeup Language
  - c) Extensible Markup Logarithms
  - d) Expandable Markup Language
5. What is a relationship called when it is maintained between two entities ?
  - a) Unary
  - b) Binary
  - c) Ternary
  - d) Quaternary
6. To eliminate duplicate rows, \_\_\_\_\_ is used.
  - a) No duplicate
  - b) Eliminate
  - c) Distinct
  - d) None of these
7. Which two files are used during operation of the DBMS ?
  - a) Query languages and utilities
  - b) DML and query languages
  - c) Data dictionary and transaction log
  - d) Data dictionary and query language
8. The study of encryption is called
  - a) Decryption
  - b) Cryptography
  - c) Firewall
  - d) None of the above
9. Which of the following is page border option ?
  - a) 3 – D
  - b) Shadow
  - c) Box
  - d) All of these

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SPACE FOR ROUGH WORK





10. For Mass Mailing, \_\_\_\_\_ feature is useful in MS-Word.  
a) Mail Merge  
b) Mailings  
c) Encrypt Document  
d) None of these
11. Slide sorter can be accessed from which menu ?  
a) Insert  
b) File  
c) Edit  
d) View
12. IP Address is currently  
a) 4 bytes long  
b) Available in plenty  
c) 6 bytes long  
d) 12 bytes long
13. Internet uses  
a) Packet switching  
b) Telephone switching  
c) Circuit switching  
d) Teleport switching
14. The tag used in HTML to link it with other URLs is  
a) <A>  
b) <H>  
c) <U>  
d) <L>
15. Which of the following is not the example of business to consumer (B to C) e-commerce ?  
a) Amazon.com  
b) ebay.com  
c) dell.com  
d) Lastminute.com
16. Computer software designed for the use of sale to general public is called  
a) Package software  
b) Application software  
c) System software  
d) Customized software
17. Computer memory which is also known as direct access memory, is  
a) RAM  
b) ROM  
c) PROM  
d) SROM
18. What is Electronic representation of cash ?  
a) Digital cash  
b) Electronic cash  
c) E cash  
d) All of the above
19. \_\_\_\_\_ key you choose to identify each row uniquely.  
a) Foreign key  
b) Primary key  
c) Alternate key  
d) None of the above

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20. What is URL ?  
a) Uniform Resource Loader  
b) Uniform Resource Locator  
c) Uniform Reformatting Linker  
d) Uniform Remote Locator
21. The RDBMS terminology for a row is  
a) Tuple  
b) Relation  
c) Attribute  
d) Degree
22. A table join with itself is called  
a) Join  
b) Self join  
c) Outer join  
d) Equi join
23. \_\_\_\_\_ is a full form of SQL.  
a) Structure Query Language  
b) Sequential Query Language  
c) Standard Query Language  
d) Server Side Query Language
24. Grant and revoke are \_\_\_\_\_ statements.  
a) DDL  
b) DML  
c) DCL  
d) TCL
25. \_\_\_\_\_ command can be used to modify a column in a table.  
a) Alter  
b) Update  
c) Delete  
d) Set
26. Collection of a raw facts, figures and symbols is termed as  
a) Data  
b) Information Technology  
c) Application  
d) Input
27. Laser and Inkjet Printers are categorised as  
a) High Speed Printer  
b) Non-Impact Printer  
c) Impact Printer  
d) Both a) and b)
28. What is GUI ?  
a) Geographical User Interface  
b) Graphical User Interface  
c) Grammatical User Interface  
d) Geospatial User Intermediate
29. \_\_\_\_\_ is the full form of DBMS.  
a) Data Base Management System  
b) Data Basic Manipulating System  
c) Data Base Manu-Scripting System  
d) Direct Basic Money System
30. The view of total database content is  
a) Conceptual view  
b) Internal view  
c) External view  
d) Physical view

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31. Which of the following describes e-commerce ?  
a) Doing business electronically                      b) Doing business  
c) Sale of goods    d) All of the above
32. Two ways data can be secured, are  
a) Physical and software safeguards  
b) Use of passwords and electronic doors  
c) Use of monitoring systems and storage of data in another building  
d) Encryption of data and protection of hardware
33. Which of the following is a part of four main types of e-commerce ?  
a) B2B    b) B2C  
c) C2B    d) All of the above
34. Which segment to eBay, Amazon.com belong ?  
a) B2Bs                                      b) B2Cs                                      c) C2Bs                                      d) C2Cs
35. In which website, Global Easy Buy is facilitated ?  
a) ebay.com    b) Amazon.com  
c) yepme.com    d) None of these
36. A formula in excel always begins with  
a) @    b) =    c) %    d) !
37. Excel tool bar extension name is  
a) .ppt    b) .xls    c) .doc    d) .rar
38. In Excel, SHIFT+F11 is the shortcut key combination for  
a) Inserting a chart  
b) Inserting a picture  
c) Formula evaluation  
d) Inserting a new sheet in work space
39. Which file format can be added to a PowerPoint show ?  
a) .jpg    b) .giv  
c) .wav    d) all of the above
40. Special effects used to introduce slides in a presentation are called  
a) Effects    b) Custom animations  
c) Transitions    d) All of the above

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SPACE FOR ROUGH WORK





## PART – B

Answer **all** the questions. **Each** question carries **2** marks.

(15×2=30)

41. Null is a
- a) Same as zero for integer
  - b) Same as blank for character
  - c) Both a) and b)
  - d) Not a value
42. Internet is
- a) A local computer network
  - b) A worldwide network of computers
  - c) An interconnected network of computers
  - d) A worldwide interconnected network of computers which use a common process to communicate with one another
43. The packets of Internet Message
- a) Take a predetermined path
  - b) Take a path based on packet priority
  - c) Go along different paths based on path availability
  - d) Take the shortest path from source to destination
44. What is OTP ?
- a) One Time Password
  - b) One Time Protocol
  - c) One Time Pincode
  - d) None of the above
45. Digital Signature
- a) is Digital Id, send as an attachment to a web page/e-mail/message
  - b) is used for verifying the attachments send using web
  - c) both a) and b)
  - d) none of these
46. What is/are component of IT Act, 2000 ?
- a) Legal recognition to digital signatures
  - b) Regulations of Certification Authorities
  - c) Digital certificates
  - d) All of the above
47. SET concept is used for
- a) Network model
  - b) Hierarchical model
  - c) Relational model
  - d) None of the above
48. DFD stands for
- a) Data Flow Diagram
  - b) Data File Diagram
  - c) Data Format Diagram
  - d) None of the above

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SPACE FOR ROUGH WORK





49. Data Independence means
- Data is defined separately and not included in programs
  - Programs are not dependent on the physical attribute of data
  - Programs are not dependent on the logical attributes of data
  - Both b) and c)
50. Controller of Certifying Authorities (CCA) work under
- Prime Minister's Office
  - Reserve Bank of India
  - Ministry of Finance
  - Ministry of Communication and IT
51. What is the full form of SWIFT ?
- Society for Worldwide Internet Financial Telecommunications
  - Secret Wide Interbank Financial Telecommunications
  - Society for Worldwide Interbank Financial Telecommunications
  - None of the above
52. Which of the following are the solutions to network security ?
- Encryption
  - Authentication
  - Authorization
  - Non-repudiation
- i, ii and iii only
  - ii, iii and iv only
  - i, iii and iv only
  - All of the above
53. MIDI means
- Magnetic Instrument Dimension Interface
  - Musical Instrument Digital Interface
  - Middle Instruction Demand Interface
  - Minimum Instruction Detained Interface
54. Which are not the types of the RAM ?
- DRAM
  - SRAM
  - SDRAM
  - SRDRAM
55. Which one of the following statements is false ?
- The data dictionary is normally maintained by the database administrator
  - Data elements in the database can be modified by changing the data dictionary
  - The data dictionary contains the name and description of each data element
  - The data dictionary is a tool used exclusively by the database administrator

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