CDOE
MASTER OF COMPUTER APPLICATIONS
M. C. A. Sem-VI : WINTER :- 2021
SUBJECT: COMPREHENSIVE EXAMINATION (OBJECTIVE TYPE)

Day : Monday

Date 21-02-2022   W-5390-2021

Time : 02:00 PM-05:00 PM

Max. Marks: 100

N.B.

1)   All questions are **COMPULSORY**.
2)   Each questions carries **TWO** marks.
3)   Select appropriate choice for the following questions.

Q.1   'WAN stands for

   a)   Whole Area network

   c)   Wide and network

   b)   Wide area network

   d)   None of the above

Q.2   Which of the following is not a network model layer.

   a)   Physical layer

   c)   Transport layer

   b)   Network layer

   d)   Hardware layer

Q.3   SMTP stands for

   a)   Simple mail transfer protocol

   c)   Simple method Transport parity

   b)   Single mail Tele protocol

   d)   None of the above

Q.4   Function of modem is

   a)   Convents digital signals generated by the computer in to analog signal which can be transmitted over a telephone or cable line.

   c)   Can not convert analog into digital and can transfer over any channel

   b)   Converts any signal on network in to digital and transmits over network

   d)   None of the above

Q.5   RARP stands for

   a)   Random Address rate protocol

   c)   Wide and network

   b)   Reverse Address Resolution protocol

   d)   None of the above

Q.6   Which of the following is not a network topology

   a)   Star topology

   c)   Ring topology

   b)   Bus topology

   d)   Unit topology

Q.7 HTTP stands for

a) Hypertext Transfer protocol   **c)** Header, Text transfer protocol

b) High level text Transfer protocol   **d)** None of the above

Q.8 Which of the following is not a data type in 'C' Language

a) Char   **c)** Float

b) Int   **d)** Tuple

Q.9 Which of the following is not a valid relational operator?

a) *   **c)** >=

b) =   **d)** <=

Q.10 Which of the following is responsible for conversion of C programs to machine languages.

a) An editor   **c)** An text editor

b) Operating systems   **d)** A complier

Q.11 Which of the following language is predecessor to 'C' programming language?

a) A   **c)** B

b) C++   **d)** ADA

Q.12 Which of the following is not a feature of C++

a) Polymorphism   **c)** Data hiding

b) Inheritance   **d)** Channel management

Q.13 Which of the following concepts of OOP's means exposing only necessary information to client .

a) Encapsulation   **c)** Data hiding

b) Abstraction   **d)** Data binding

Q.14 Which of the following approach is adopted by C++?

a) Top down   **c)** Right – left

b) Bottom up   **d)** Left – right

Q.15 Which of the following keyword is used to overload an operator?

a) Override   **c)** Operator

b) Insert   **d)** Friend

Q.16 Correcting errors in a program is referred to as

a) Rectifying   **c)** Debugging

b) Rechecking   **d)** None of the above

P.T.O.

Q.17 The capability of the operating system to enable two or more then two programs to execute simultaneously in a single computer system by using a single process is

a) Multiprocessing

c) Multi execution

b) Multitasking

d) Multi programming

Q.18 The translator which perform macro expansion is called a

a) Macro processor

c) Micro pre – processor

b) Macro pre – processor

d) Assembler

Q.19 Shell is the exclusive feature of

a) DOS

c) Application software

b) UNIX

d) None of the above

Q.20 What is the name given to the organized collection of software that controls the overall operation of a computer?

a) Operating system

c) Loader

b) Assembler

d) None of the above

Q.21 Which command in UNIX is used to see the contents of the file

a) Cat

c) Heal

b) Tail

d) Greap

Q.22 Which command in UNIX is used to remove the directory

a) Rdir

c) Rmdir

b) Delete

d) Erasedir

Q.23 SQL stands for

a) Structured Query language

c) System quality Language

b) Structured Question Language

d) None of the above

Q.24 You can add a row using SQL in a database with which of the following?

a) ADD

c) INSERT

b) CREATE

d) MAKE

Q.25 DDL stands for

a) Data definition Language

c) Descriptive data Language

b) Direct Data Language

d) None of the above

Q.26 RDBMS stands for

a) Random Database and management system

c) Read only Database and management system

b) Relational Database and management system

d) None of the above

P.T.O.

Q.27 When two coins are tossed simultaneously. What are the chances of getting at least one tail?

a) 3/4   c) 4/5

b) 1/5   d) 1/4

Q.28 A box has 10 black and 10 white balls. What is the probability of getting two balls of the same colour

a) 10/19   c) 9/19

b) 9/38   d) 5/38

Q.29 SDLC stands for _____

a) Software Developments life cycle   c) Software Direct Life cycle

b) System data Life cycle   d) None of the above

Q.30 Which of the following is / are considered stakeholder in the software process.

a) Customers   c) Project managers

b) End –users   d) All of the above

Q.31 Which of the following is not a software process model

a) Spiral Model   c) Prototyping

b) Waterfall Model   d) Rational Model

Q.32 Classes communicate with one another via _____

a) Read Session   c) Messages

b) Phones   d) Pointers

Q.33 Which phase is referred to the support phase of software development?

a) Testing phase   c) Development

b) Maintenance   d) None of the above

Q.34 Which model is also known as verification and validation model?

a) Big Bang model   c) Spiral model

b) V. model   d) Waterfall model

Q.35 ADT stands for _____

a) Abstract Data types   c) Advance Data Technique

b) Advanced Data Technique   d) None of the above

Q.36 Which of these best describes an array?

- **a)** A Data structure that shows on hierarchical behavior
- **b)** Container of objects of similar type
- **c)** Container of objects of dissimilar type
- **d)** Pointers

Q.37 A graph having an edge from each vertex to every other vertex is called a

- **a)** Tightly connected
- **b)** Strongly connected
- **c)** Loosely connected
- **d)** None of the above

Q.38 The 8 Bit encoding format used to store data in a computer is _____

- **a)** ASCII
- **b)** EBCDIC
- **c)** ANCI
- **d)** None of the above

Q.39 Which of the following is non Linear data structure?

- **a)** Trees
- **b)** Strings
- **c)** Stacks
- **d)** All of the above

Q.40 _____ is not the operation that can be performed on Queue

- **a)** Traversal
- **b)** Insertion
- **c)** Deletion
- **d)** Retrieval

Q.41 In Binary trees nodes with no successor are called _____

- **a)** End nodes
- **b)** Final nodes
- **c)** Cast nodes
- **d)** Terminal nodes

Q.42 A technique for Direct search is ---

- **a)** Hashing
- **b)** Tree search
- **c)** Binary search
- **d)** None of the above

Q.43 The smallest element of an array's index is called its

- **a)** Range
- **b)** Lower bound
- **c)** Upper bound
- **d)** Extraction

Q.44 Which of the following first generation of computers had?

- **a)** Vaccum tubes and magnetic drums
- **b)** Integrated circuits
- **c)** Magnetic tape and transistor
- **d)** None of the above

Q.45 If a computer provides database services to other then it will be known as

- **a)** Web server
- **b)** Database Server
- **c)** FTP Server
- **d)** None of the above

Q.46 Full form of URL is?

a) Uniform Resource locator   c) Unified Reserve Link

b) Uniform Resource Link   d) None of the above

Q.47 Which of the following is used in RAM?

a) Conductor   c) Transistors

b) Semiconductor   d) None of the above

Q.48 What is full form of GUI in terms of computers

a) Graphical user Instrument   c) Graphical user interface

b) Graphical Unified interface   d) None of the above

Q.49 Which of the following is used in web designing

a) C   c) HTML

b) C++   d) None of the above

Q.50 Who is also known as father of computer?

a) Charles Babbage   c) Bill Gates

b) Steve Jobes   d) None of the above

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