Cluster University Srinagar

University Entrance Examination

Integrated Information Technology   (50 x 1= 50 MARKS) Time: 1 HOUR

1. Give the decimal value of binary $(10011)_2$
   a.   18
   b.   20
   c.   19
   d.   17
2. Which number system has a base of 16
   a.   Decimal
   b.   BCD
   c.   Octal
   d.   Hexadecimal
3. In binary number system the first digit (bit) from left to right is called as
   a.   LSB, Least Significant Bit
   b.   MSB, Most Significant Bit
   c.   First Bit
   d.   Last Bit
4. The octal equivalent of hexadecimal number $(AC7)_{16}$ is
   a. $(5398)_8$
   b. $(7789)_8$
   c. $(5307)_8$
   d. $(5467)_8$
5. ASCII code is
   a.   7 bits
   b.   16 bits
   c.   32 bits
   d.   12 bits
6. UNIVAC is
   a.   Universal Automatic Computer
   b.   Universal Array Computer
   c.   Unique Automatic Computer
   d.   Unvalued Automatic Computer
7. Which of the following is spreadsheet program?
   a.   MS-word
   b.   MS-power point
   c.   MS-excel
   d.   MS-access

8. In MS-word F7 functional key is used for
   a.   Refreshing the page
   b.   Modify the document
   c.   Spell check
   d.   None of these
9. The default data type for VB is ……….
   a.   Integer
   b.   Variant
   c.   String
   d.   Decimal
10.   HTML is what type of language?
   a.   Scripting Language
   b.   Markup Language
   c.   Programming Language
   d.   Network Protocol
11.   In computer, URL means
   a.   address of resource on web
   b.   unique software design link
   c.   address of cache memory
   d.   term used to connect computers
12.   IDE stands for………….
   a.   Internet Development Environment
   b.   Integrated Dual Environment
   c.   Integrated Development Environment
   d.   Integrated Desktop Environment
13. MICR stands for
   a.   Magnetic Ink Character Recognition
   b.   Magnetic Ink Coded Reader
   c.   Magnetic Ink Case Recognition
   d.   None
14.   Which of the following memories has the shortest access time?
   a.   Cache memory
   b.   Magnetic Bubble memory
   c.   Magnetic core memory
   d.   RAM

15. EEPROM stand for
    a. Electrically Erasable Programmable Read Only Memory
    b. Easily Erasable Programmable Read Only Memory
    c. Electronic Erasable Programmable Read Only Memory
    d. None of the above

16. Who designed the first electronics computer – ENIAC?
    a. Van-Neumann
    b. Joseph M. Jacquard
    c. J. Presper Eckert and John W Mauchly
    d. All of above

17. A computer program that translates one program instructions at a time into machine language is called a/an
    a. Interpreter
    b. CPU
    c. Compiler
    d. Simulator

18. In visual basic the declaration of variables is done by _____ key word.
    a. Int
    b. Dim
    c. Static
    d. declare

19. __ is a method which moves the focus to the specified control or form.
    a. Setfocus
    b. Gotfocus
    c. Obtainfocus
    d. None of these

20. The control is used to provide an identifiable grouping for other controls
    a. Frame
    b. Label
    c. List box
    d. Command button

21. When the form is first referenced in any manner by program, the triggered event is….
    a. Load
    b. Initialize
    c. Activate
    d. None of these

22. By default, the textbox control can hold text as …….
    a. Multiple lines
    b. Single line
    c. Password character
    d. None of these

23. _____do not return a value
    a. Sub procedure
    b. Function procedure
    c. Property procedures
    d. None of these

24. The window in which the individual documents are displayed is called….. window.
    a. Main
    b. Child
    c. Parent
    d. All of the above

25. MDI stands for…………
    a. Multiple Document interpreter
    b. Multiple Document Interface
    c. Multi Document interval
    d. None of these

26. In this topology there is a central controller or hub
    a. Star
    b. Mesh
    c. Ring
    d. Bus

27. The IEEE standard for Bluetooth is
    a. 802.11
    b. 803.11
    c. 802.12
    d. 802.15

28. Which of this is not a guided media?
    a. Fiber optical cable
    b. Coaxial cable
    c. Wireless LAN
    d. Copper wire
29. Coaxial cable consists of _____ concentric copper conductors.
    a. 1
    b. 2
    c 3
    d. 4
30. Which of the following is an advantage of anomaly detection?
    a. Rules are easy to define
    b. Custom protocols can be easily analyzed
    c. The engine can scale as the rule set grows
    d. Malicious activity that falls within normal usage patterns is detected
31. A web cookie is a small piece of data
    a. sent from a website and stored in user's web browser while a user is browsing a website
    b. sent from user and stored in the server while a user is browsing a website
    c. sent from root server to all servers
    d. none of the mentioned
32. In a network, If P is the only packet being transmitted and there was no earlier transmission, which of the following delays could be zero
    a. Propogation delay
    b. Queuing delay
    c. Transmission delay
    d. Processing delay

33. The DoS attack is which the attacker sends deluge of packets to the targeted host
    a. Vulnerability attack
    b. Bandwidth flooding
    c. Connection flooding
    d. All of the mentioned

34. Which one of the following provides the ability to query information from the database and to insert tuples into, delete tuples from, and modify tuples in the database?
    a. DML (Data Manipulation Language)
    b. DDL (Data Definition Language)
    c. Query
    d. Relational Schema
35. Create table employee (name varchar, id integer). What type of statement is this?
    a. DML
    b. DDL
    c. View
    d. Integrity constraint
36. Updates that violate _____ are disallowed.
    a. Integrity constraints
    b. Transaction control
    c. Authorization
    d. DDL constraints
37. Grant and revoke are ……. statements.
    a. DDL
    b. TCL
    c. DCL
    d. DML
38. . keyword is used to find the number of values in a column.
    a. TOTAL
    b. COUNT
    c. ADD
    d. SUM
39. Which of the following is not a integrity constraint?
    a. Not null
    b. Positive
    c. Unique
    d. Check 'predicate'

40. Which of the following is used to delete the entries in the referenced table when the tuple is deleted in course table?
    a. Delete
    b. Delete cascade
    c. Set null
    d. All of the mentioned

41. The user defined data type can be created using
    a. Create datatype
    b. Create data
    c. Create definetype
    d. Create type

42. CSS is an acronym for
    a. Cascading Style Sheet
    b. Costume Style Sheet
    c. Cascading System Style
    d. None of the Above

43. How to set a picture as a background web page?
    a. <body background= "bgimage.gif">
    b. <body background image= "bgimage.gif">
    c. <background= "bgimage.gif">
    d. <background image= "bgimage.gif">

44. Choose the correct HTML tag to left-align the content of a cell.
    a. <tdleft>
    b. <td leftalign>
    c. <valign= "left">
    d. <td align= "left">

45. Which is the largest heading tag?
    a. H1
    b. H3
    c. H4
    d. H6

46. .... is suitable for remote administration of a computer.
    a. FTP
    b. Shell
    c. Remote Procedure Call
    d. Telnet

47. .... is the incoming e-mail server.
    a. POP
    b. SMTP
    c. SMIP
    d. PPP

48. Landscape is ?
    a. A font style
    b. Paper Size
    c. Page Layout
    d. Page Orientation

49. Special effects used to introduce slides in a presentation are called
    a. effects
    b. custom animations
    c. transitions
    d. present animations

50. In the context of animations, what is a trigger?
    a. An action button that advances to the next slide
    b. An item on the slide that performs an action when clicked
    c. The name of a motion path
    d. All of above