OLYMPIAD

Mock Test 5

There is no negative marking in the test.

1. A central computer that holds collections of data and programs for many PCs, workstations and other computers is a ——
   (a) supercomputer
   (b) minicomputer
   (c) laptop
   (d) server

2. A personal computer is designed to meet the computing needs of a(n)
   (a) individual
   (b) department
   (c) company
   (d) city

3. The _____ is responsible for performing calculations and contains decision-making mechanisms.

   (a) central processing unit
   (b) memory unit
   (c) arithmetic and logic unit
   (d) output unit

4. _____key is the example of Toggle key
   (a) Alt   (b) Shift
   (c) Control   (d) Caps Lock

5. What type of device is a 3½ inch floppy drive ?
   (a) Input   (b) Output
   (c) Software (d) Storage

6. On a CD-RW you can
   (a) read and write information
   (b) only read information
   (c) only write information
   (d) read, write and rewrite information

7. A (n) — is a program that makes the computer easier to use.
   - (a) utility
   - (b) application
   - (c) operating system
   - (d) network

8. An error is also known as
   - (a) bug
   - (b) debug
   - (c) cursor
   - (d) icon

9. Restarting a computer that is already on is referred to as
   - (a) shut down
   - (b) cold booting
   - (c) warm booting
   - (d) logging off

10. What is the other name of LAN card?
    - (a) Modem
    - (b) Network connector
    - (c) Internet card
    - (d) NIC (Network Interface Card)

11. 'Bluetooth' technology allows
    - (a) satellite communication
    - (b) signal transmission on mobile phones only
    - (c) wireless communication between equipments
    - (d) landline phone to mobile phone communication

12. What is m-commerce?
    - (a) machine commerce
    - (b) mobile commerce
    - (c) money commerce
    - (d) marketing commerce

13. Which of the following is the valid domain name extension?
    - (a) .edu
    - (b) .org
    - (c) .com
    - (d) All of these

14. To restart the computer _____ key is used.
    - (a) Del + Ctrl
    - (b) Backspace + Ctrl
    - (c) Ctrl + Alt + Del
    - (d) Reset

15. What device separates a single network into two segments but lets the two segments appear as one to higher protocols?
    - (a) Switch
    - (b) Bridge
    - (c) Gateway
    - (d) Router

16. Identify the following:
    - It is a device that provides functionality for other devices.
    - It connects many other computers and provides access to resources like printers, Internet, files and programs.
    - (a) Mainframe
    - (b) Server
    - (c) Laptop
    - (d) Workstation

17. Which of the following devices is used to supply power to the computer system?
    (a) Jumper
    (b) Microprocessor
    (c) SMPS
    (d) Motherboard

18. Which of the following is true?
    (a) 4 Nibbles = 1 Byte
    (b) 4 Bytes = 1 Nibble
    (c) 4 Bits = 1 Nibble
    (d) 4 Nibbles = 1 Bit

19. Identify the following:
    – It uses Integrated Circuit assemblies as memory to store data persistently.
    – It has no moving mechanical components and it is typically more resistant to physical shock.
    (a) Hard disk drive
    (b) Solid-state drive
    (c) Magnetic tape drive
    (d) All of these

20. Which of the following statements hold(s) true regarding UNIVAC 1?
    Statement 1 : It was the first commercial electronic computer developed by J. Presper Eckert and John Mauchly.
    Statement 2 : It was also the first computer to handle both numeric and text data.

    (a) Only Statement 1
    (b) Only Statement 2
    (c) Both Statement 1 and Statement 2
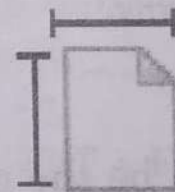   (d) Neither Statement 1 nor Statement 2

21 Identify the following:
    – It was the web browser with support of multiple internet protocols.
    – This programe was developed in 1993.
    – It is often known as the first graphical web browser to display images online.
    – It was navigation tool for interactive material.
    (a) Mosaic
    (b) Internet Explorer
    (c) Safari
    (d) Netscape Navigator

22. The icon shown here is used to _____.

    (a) Set the size of a page
    (b) Split text into columns

c-22

(c) Add page break

(d) all of these

23. You can use different page format within the same document by a separating the differently formatted area with _____.

(a) Document breaks

(b) Line breaks

(c) Section breaks

(d) Format breaks

24. Which of the following statements is CORRECT?

(a) You can apply transition only to first and last slide.

(b) You cannot hide slide.

(c) You can create custom animations using Animation Pane.

(d) You cannot provide more than one animations to a single object.

25. When the Draw Table feature is selected, the mouse pointer appears as a/an _____.

(a) solid plus sign

(b) Solid arrow

(c) I-beam

(d) Pencil

26. What would be the output of the given code?

```
CLS
LET b = 4
IF b MOD 2 = 0 THEN
PRINT "Even number"
ELSE
PRINT
PRINT "ODD Number"
END IF
```

(a) Even Number

(b) ODD Number

(c) ODD Number

    Even Number

(d) Even Number

    ODD Number

27. Which among the following is an invalid numeric constants and why?

0.75	–99.09	48/A
(i)	(ii)	(iii)

(a) (i) only because decimals are not allowed

(b) (ii) only, because negative integers are not allowed

(c) (iii)only, because alphanumeric are not allowed

(d) None of these

28. Web addresses can be written as words or as numbers.

For example: www.sofworld.org might have an address number of

63.141.53.0. What are these numbers called?

(a) Uniform Resource Locator Number
(b) Internet Protocol Address
(c) File Transfer Protocol Address
(d) ISP Number

29. This word art

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is commonly seen during verification. This is known as _____.

(a) Crypt   (b) Auto Text
(c) Code   (d) Captcha

30. _____ is a mobile payment and digital wallet service by Apple Inc.

(a) Apple Pay
(b) Apple Money
(c) Apple Digipurse
(d) Apple Wall

31. Which of the following is/are the parts of e-mail address?

(a) Username
(b) @
(c) Host server name
(d) All of these

32. What can be used with a PRINT statement for printing multiple values in a single line in QBASIC?

(a) Comma
(b) Semicolon
(c) Tab (n)
(d) All of these

33. Which of the following options is/ are used in QBASIC to stop and get information from a user using a question mark?

(a) QUERY
(b) GET
(c) QUESTION
(d) PUT

34. In MS-Word 2010, to insert the header and footer in a document, which tab should you go to?

(a) View
(b) Page Layout
(c) Home
(d) Insert

35. To switch between the running applications, _____.

(a) press F1
(b) press ALT + F4
(c) press TAB
(d) press and hold down ALT and press TAB

36. Which of the following computer is related to **PARAM**?
    (a) Mainframe computer
    (b) Supercomputer
    (c) Microcomputer
    (d) Minicomputer

37. Which of the following statements is/are correct about the Micro computer?
    (a) Large and complex machines for I/O processing
    (b) Single user device used in home or office environment
    (c) It is a device that can be seen only by a microscope.
    (d) None of these

38. FLOPS Stands for........
    (a) Fast processing operations per second
    (b) Flowing power operations per second

(c) Floating point operations per second
(d) None of these.

39. The speed of a computer is measured in ....
    (a) Pixels
    (b) Nibble
    (c) Bits
    (d) Hertz (Hz)

40. Match the following terms with what they stand for.

Column-I	Column-II
(A) .in	(i) Australia
(B) .edu	(ii) India
(C) .au	(iii) commerce
(D) .com	(iv) education

    (a) (A)-(ii), (B)-(iv), (C)-(i), (D)-(iii)
    (b) (A)-(iii), (B)-(iv), (C)-(i), (D)-(ii)
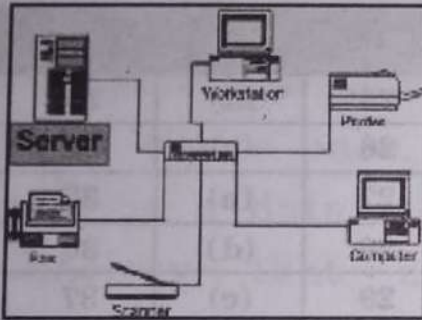   (c) (A)-(iv), (B)-(iii), (C)-(i), (D)-(ii)
    (d) (A)-(ii), (B)-(i), (C)-(iv), (D)-(iii)

MOCK TEST-5

ANSWERS KEY

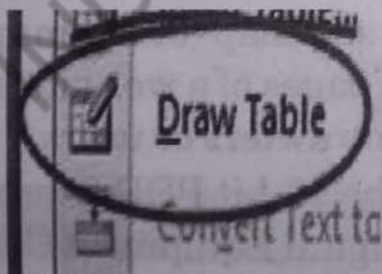| 1	(d)	9	(c)	17	(c)	25	(d)	33	(a)
2	(a)	10	(d)	18	(c)	26	(a)	34	(d)
3	(c)	11	(c)	19	(b)	27	(c)	35	(d)
4	(d)	12	(b)	20	(c)	28	(b)	36	(b)
5	(d)	13	(d)	21	(a)	29	(d)	37	(b)
6	(d)	14	(c)	22	(a)	30	(a)	38	(c)
7	(a)	15	(b)	23	(c)	31	(d)	39	(d)
8	(a)	16	(b)	24	(c)	32	(d)	40	(a)

16. (b) In the given architecture, Server device has been labeled.

19. (b) A solid-state drive (SSD) is a non-volatile storage device that stores persistent data on solid-state flash memory.

22. (a) The given icon can be accessed by going to, Page layout tab → Page Setup group → size

25. (d) The given icon used for drawing table:

26. (a) MOD operation will give the remainder. So, 4/2 = 0, so it will print THEN statement, i.e. Even Number.

28. (b) An Internet Protocol address (IP address) is a numerical label assigned to each device (e.g., computer, printer) participating in a computer network that uses the Internet Protocol for communication.

29. (d) CAPTCHA stands for "Completely Automated Public Turing test to tell Computers and Humans Apart". It is a type of challenge-response test used in computing to determine whether the user is human or not.

36. (b) **PARAM** is a supercomputers designed and assembled by the Centre for Development of Advanced Computing (C-DAC) in Pune, India.

38. (c) In computing, floating point operations per second (FLOPS) is a measure of computer performance, useful in fields of scientific computations that require floating-point calculations.

39. (d) The speed that a CPU works at is measured in hertz (Hz). Modern processors often run so fast that gigahertz (GHz) is used instead. One gigahertz means one billion cycles per second.