Series

A

CODE : 11

Write here Roll Number and Answer Sheet No.

Question Booklet Sl. No.

A

Roll No.

Answer Sheet No.

Duration : 1 Hour

Total Marks : 100

Declaration by Invigilator :
I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by andidate :
I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

A

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.
2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.
3. Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.
4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.
5. You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
6. All questions are compulsory and each Question carries **2** marks.
7. **The paper carries negative marking. For each wrong answer 0.50 mark will be deducted.**
8. This Booklet contains 50 questions.
9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.
10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.
11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**
12. This booklet contains **12** pages.
13. **Directions** : Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Blue / Black Ball-Point Pen provided by the board against the question concerned in the Answer Sheet.
14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ◉ ○ ○	○ ● ○ ○

The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.
16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.
17. **You are NOT required to mark your answers in this Booklet. ll answers must be indicated in the Answer Sheet only.**

DO NOT WRITE HERE

SPACE FOR ROUGH WORK

SPACE FOR ROUGH WORK

1. _____ is a set of steps the computer follows to receive data, process the data according to instructions from a program, display the resulting information to the user, and store the results.
   (a) Information Processing Cycle
   (b) Data Processing Cycle
   (c) Instruction Processing Cycle
   (d) Signal Processing Cycle

2. The art of printing with movable types is described as
   (a) Type design (b) Calligrapher
   (c) Typography (d) None of the above

3. Tablet PCs offer all the functionality of a notebook PC, but they are lighter and can accept input from a special pen called
   (a) Fountain (b) Ballpoint
   (c) Stylus (d) Gel

4. Individual users have their own desktop computers, which are connected to one or more centralized computers, called
   (a) Hub (b) Routers
   (c) Bridge (d) Network Servers

5. In a traditional mainframe environment, each user accesses the mainframe's resources through a device called a
   (a) Terminal (b) Console
   (c) GUI (d) iskettes

6. _____ is used in page layout in a Powerful way.
   (a) Page Maker (b) Adobe Photoshop
   (c) CorelDraw d) Microsoft Word

7. _____ are often called midrange computers.
   (a) Mainframes
   (b) Super computers
   (c) Mini computers
   (d) andheld

8. A computer's _____ consists of interconnected electronic devices that you can use to control the computer's operation, input and output.

(a) Software (b) Hardware

(c) ata (d) Information

9. _____ is a default file format which fulfill all requirements of the Photoshop.

(a) PDF (b) PSD

(c) ODF (d) CRD

10. The _____ of a bitmap image refers to the number of colours that an individual pixel could represent (only one of those colours per pixel).

(a) Resolution (b) Colour Depth

(c) Dot per Inch (d) Color Model

11. In a personal computer, the processor usually consists of one or more specialized chips, called

(a) Storage (b) Memory

(c) Microprocessor (d) Circuit board

12. The _____ is a rigid rectangular card containing the circuitry that connects the processor to the other hardware.

(a) Processor (b) Microprocessor

(c) Motherboard (d) Memory

13. Each time the CPU executes an instruction, it takes a series of steps. The completed series of steps is called a

(a) Clock period (b) Instruction cycle

(c) Execution cycle (d) Machine cycle

14. Drawing programs like CorelDraw and Adobe illustrator allow you to create complex outlined and then coloured, objects using what are called

(a) True Images

(b) Bitmap Images

(c) Vectorized Graphics

(d) Gray Images

15. The use of _____ in our designs refers to the selection of individual inks that will be mixed and matched by the printer.
(a) alf-tone
(b) Dither
(c) Pigments
(d) Spot Colour

16. _____ is the portion of a lower case character which lies above its x-height.
(a) Baseline
(b) Ascender
(c) Bleed
(d) Norm

17. _____ describes a printing effect where a graphic element or text extends beyond the edge of a page.
(a) Ascend
(b) Bleed
(c) Condensed Type
(d) Bullets

18. A _____ is a central computer with a large storage device and other resources that all users can share.
(a) Network server
(b) File server
(c) Application server
(d) Print server

19. If a diskette has 80 tracks on each side, and each track contains 18 sectors, then the disk has 1,440 sectors (80 × 18) per side, for a total of _____ sectors.
(a) 1440
(b) 22
(c) 2800
d) 288

20. The odd-numbered pages are called
(a) Verso pages
(b) Recto pages
(c) Booklets
(d) Cover pages

21. _____ enables participants at two or more sites to have a shared workspace on their computer desktops.
(a) Data conferencing
(b) Audio conferencing
(c) Video conferencing
(d) VoIP

22. _____ is often used in conjunction with video- or audio-conferencing and can be useful when users at different sites want to work together on documents.
(a) VoIP
(b) Audio conferencing
(c) Video conferencing
(d) Data conferencing

23. The labeling of tracks and sectors is called
(a) Partitioning
b) Labeling
(c) Physical Formatting
(d) Logical Formatting

24. _____ systems bypass the need for the cost of regular telephone service by using the company's internal network to send and receive phone calls.
(a) POST
(b) POTS
(c) POP
(d) VoIP

25. An _____ is a partially accessible internal company Web site for authorized users physically located outside the organization.
(a) Internet
(b) Intranet
(c) Extranet
(d) HAN

26. The order in which calculations are made in a formula that includes different operators is called the
(a) Order of precedence
(b) Associativity
(c) Evaluation
(d) Relation operator

27. A pica is a measurement developed by printers that divides 1 inch by
(a) 4
(b) 5
(c) 6
(d) 8

28. One popular type of server-based network is the _____ network, where individual computers share the processing and storage workload with a central server.
(a) Peer-to-server
(b) File-server
(c) lient/server
(d) Peer-to-peer

29. In a typical _____ network, each node has access to at least some of the resources on all other nodes.
(a) Peer-to-server (b) File-server
(c) lient/server (d) Peer-to-peer

30. _____ software enables companies to block employee access to certain Web sites.
(a) Proxy servers
(b) Web filters
(c) Packet sniffers
(d) Surveillance

31. A point is a division of a pica. Each pica contains
(a) 6 points (b) 8 points
(c) 12 points (d) 24 points

32. _____ are effective at detecting traffic bound for Internet services such as Usenet, IRC and FTP, among others.
(a) Proxy servers
(b) Web filters
(c) Packet sniffers
(d) Surveillance

33. _____ are pieces of a message broken down into small units by the sending PC and reassembled by the receiving PC.
(a) Payload (b) Topology
(c) Packets (d) eader

34. Data moves though the network in a structure called
(a) Packets (b) Header
(c) Payload (d) Topology

35. ecause text and images are handled in DTP as separate units, they are placed on the page as
(a) Guides (b) Web tools
(c) Frames (d) Bounding boxes

36. The _____ is the width of the line used to create a letter.
(a) Ascender (b) Descender
(c) ounter (d) Stroke

37. In the Internet environment, packets are called
(a) Topology
b) Payload
(c) Header
(d) Datagrams

38. In a _____ , all nodes are connected to a device called a hub and communicate through it.
(a) Mesh topology
(b) Star topology
(c) Ring topology
(d) Bus topology

39. The portion of the letter that is below the baseline is called the
(a) Descender
(b) Part
(c) Ascender
(d) x-height

40. The _____ is the least-used network topology and the most expensive to implement.
(a) Bus topology
(b) Star topology
(c) Ring topology
(d) Mesh topology

41. _____ cable normally consists of four pairs of wires.
(a) Twisted-pair
(b) oaxial
(c) Fiber optic
(d) Copper

42. _____ cable has two conductors. One is a single wire in the center of the cable, and the other is a wire mesh shield that surrounds the first wire, with an insulator between.
(a) oaxial
(b) Fiber optic
(c) Twisted-pair
(d) opper

43. _____ places staples in the middle of folded pages, creating a booklet.
(a) Spiral Binding
(b) Perfect Binding
(c) Rough Binding
(d) Saddle Stitch

44. _____ cable can carry data at more than a billion bits per second.
(a) Copper (b) Fiber optic
(c) Twisted-pair (d) Coaxial

45. To identify a cell range, Excel lists the outermost cells in the range and places a _____ between cell addresses.
(a) Hyphen(-)
(b) Semicolon(;)
(c) olon (:)
(d) Dollar ($)

46. A _____ looks at the information in each packet header and forwards data that is traveling from one LAN to another.
(a) Bridge (b) Switch
(c) Router (d) ub

47. A _____ is a device that learns which machine is connected to its port by using the PC, printer or other devices' IP address.
(a) Bridge (b) Router
(c) Switch (d) Hub

48. _____ is now the default networking protocol of Windows 2000 Professional (client) and Server editions, Windows XP, Windows Server 2003, and many other operating systems.
(a) IPX/SPX (b) NetBIOS/NetBEUI
(c) TCP/IP (d) DHCP

49. Fast Ethernet is also called as
(a) 10Base-T
(b) 100 ase-T
(c) 1024Base-T
(d) 1000Base-T

50. A _____ is simply a part of the Web page that is linked to a URL.
(a) Web browser (b) Web site
(c) Hyper text (d) Hyperlink

