

QP Code: 004B

B

DO NOT OPEN THIS BOOKLET: UNTIL YOU ARE ASKED TO DO SO

TIME ALLOTTED: 60 MINUTES

MAXIMUM MARKS: 75

INSTRUCTIONS

This test booklet contains two sections. The Domain related MCQ and General Aptitude Section. Please note that both the sections have different Question Paper set codes. It is important that both the set codes are mentioned in the relevant portions of OMR sheet without fail.

1. Immediately after the commencement of the examination, you should check that this test booklet does not have any unprinted or torn or missing pages or items, etc. If so get it replaced by a complete test booklet.
2. Please follow instructions in the "Answer Booklet" closely.
3. You have to mark all your responses ONLY on the separate answer sheet (OMR Sheet) provided. See directions in the answer sheet.
4. There is **no negative marking**. You are encouraged to attempt all questions.
5. Marking of multiple answers for the same question, correction by over- writing or scratching will lead to disqualification.
6. There will be no additional rough sheets issued. Do your rough work in the separate space provided herein.
7. Use of Chits, calculator, mobile phones, Bluetooth, Google Glass, GPRS enable electronics, including watch etc., is not allowed. Any candidate who is found using these or having this on his or her person will be disqualified.
8. Reminder: Two set codes (Domain and General Aptitude needs to be separately mentioned in the Answer Booklet).
9. The answer sheets in which set codes of are not mentioned will be treated as invalid.

Set Codes

Domain Booklet Set Code	B
General Aptitude Booklet Set Code	2

Section Wise Number of Questions and their Marking is as follows:

Section	Total Questions	Total Marks
General Aptitude Questions	Q No. 1 to Q No. 25	25 Marks
Domain Questions	Q No. 26 to Q No. 50	50 Marks

All the best!

- 1) Who is the present Education Minister of Bihar?
 - a) Sri Jay Prakash Narayan Yadav
 - b) Sri K.N. Prasad Verma
 - c) Sri Nitish Kumar
 - d) Sri Ashok Choudhary

- 2) _____ is the host of 2018 Commonwealth Games
 - a) Australia
 - b) Canada
 - c) England
 - d) India

- 3) Who is the present Director of Development Management Institute, Patna?
 - a) Sri Anup Mukerji
 - b) Sri Hemnath Rao Hanumankar
 - c) Sri C.V Krishna Murthy
 - d) Sri Niraj Kumar

- 4) _____ District has become the India's first district to have 100% solar-powered health center?
 - a) Kolkata
 - b) Bengaluru
 - c) Chennai
 - d) Surat

- 5) Which of following Indian State/Union Territory has become first in the country to issue e-Stamp papers in all denominations?
 - a) Maharashtra
 - b) Karnataka
 - c) Delhi
 - d) Puducherry

- 6) Look at this series: 36, 34, 30, 28, 24, ...
What number should come next?
 - a) 26
 - b) 22
 - c) 20
 - d) 23

- 7) FAG, GAF, HAI, IAH, _____
 - a) HAK
 - b) JAK
 - c) HAL
 - d) JAI

- 8) If A + B means A is the mother of B; A - B means A is the brother B; A % B means A is the father of B and A x B means A is the sister of B, which of the following shows that P is the maternal uncle of Q?
 - a) Q - N + M x P
 - b) P - M + N x Q
 - c) P + S x N - Q
 - d) Q - S % P

- 9) Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
 - a) Brother
 - b) Uncle
 - c) Nephew
 - d) Son-in-law

- 10) One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?
 - a) South
 - b) North
 - c) East
 - d) West

- 21) Java is a _____
- | | |
|-------------------------|---------------------|
| a) Programming Language | c) Platform |
| b) Operating System | d) Motherboard Chip |
- 22) Among the options listed below, which was a part of the very first generation of computers?
- | | |
|-----------------------------------|------------------------|
| a) Vacuum Tubes and Magnetic Drum | c) Integrated Circuits |
| b) Magnetic Tape and Transistors | d) All of above |
- 23) Microsoft Word is an example of _____
- | | |
|----------------------------|------------------------|
| a) An Operating System | c) A Processing Device |
| b) An Application Software | d) An Input Device |
- 24) Select one of the following to determine the proper procedure for shutting down your desktop computer.
- | |
|--|
| a) Go to the Start menu and click "Shut Down" and wait for shut down to complete |
| b) Just unplug your computer from the power line |
| c) It's best to never turn off your computer |
| d) To shut down, simply push the lighted button on your processor |
- 25) What is the shortcut key of printing a document for computer running on windows environment?
- | | |
|-------------------|---------------------|
| a) Ctrl + P | c) Ctrl + Shift + P |
| b) Ctrl + Alt + P | d) Alt + P |
- 26) A computer program that converts an entire program into machine language is called _____
- | | |
|--------------|----------------|
| a) Compiler | c) Interpreter |
| b) Simulator | d) Commander |
- 27) Which of the following is the ascending order of data hierarchy?
- | | |
|--|---|
| a) bit - byte - file - field - record - database | c) bit - byte - record - field - data base - file |
| b) bit - byte - field - record - file - database | d) bit - record - byte - field - file - database |
- 28) In the network, HTTP resources are located by _____
- | | |
|-------------------------------|--------------------------------|
| a) Unique resource identifier | c) Uniform resource identifier |
| b) Unique resource locator | d) None of the above |
- 29) In TCP, sending and receiving data is done as _____
- | | |
|---------------------------|--------------------|
| a) Lines of data | c) Stream of bytes |
| b) Sequence of characters | d) Packets |
- 30) An ethernet frame that is less than the IEEE 802.3 minimum length of 64 octets is called _____
- | | |
|---------------|----------------|
| a) Mini frame | c) Short frame |
| b) Run frame | d) Man frame |
- 31) Which type of attack uses a fraudulent server with a relay address?
- | | |
|------------|---------|
| a) NetBIOS | c) NTLM |
| b) MITM | d) SMB |

- 32) Which among the following is mostly used by large transaction processing systems in automated organizations?
- a) Batch Processing
 - b) Once-a-day Processing
 - c) Online processing
 - d) End-of-day processing
- 33) Which of this is not a network edge device?
- a) Smartphones
 - b) Servers
 - c) PC
 - d) Switch
- 34) The file transfer protocol is built on _____
- a) Service oriented architecture
 - b) Client server architecture
 - c) Data centric architecture
 - d) None of the above
- 35) Which of these is not applicable for IP protocol?
- a) Offer reliable service
 - b) Offer unreliable service
 - c) Is connectionless
 - d) None of the mentioned
- 36) Ethernet in metropolitan area network (MAN) can be used as _____
- a) Ethernet over SDH
 - b) Ethernet over MPLS
 - c) Pure Ethernet
 - d) All above
- 37) Why would a ping sweep be used?
- a) To locate live systems
 - b) To identify open ports
 - c) To identify live systems
 - d) To locate firewalls
- 38) In Computer Terminology, what does "NOS" stands for _____
- a) Node operating system
 - b) Network Operating system
 - c) Non-open software
 - d) Non-operating software
- 39) The virtual memory basically stores the next segment of data to be executed on the _____
- a) Secondary storage
 - b) RAM
 - c) Disks
 - d) ROM
- 40) Which among the following best describes a list of protocols used by a system, one protocol per layer?
- a) Protocol architecture
 - b) Protocol suit
 - c) Protocol stack
 - d) None of the mentioned
- 41) Which of the following is / are the types of firewall?
- a) Packet Filtering Firewall
 - b) Screen Host Firewall
 - c) Dual Homed Gateway Firewall
 - d) All above
- 42) According to Internet Assigned Numbers Authority (IANA), which of the following range is not a part of port number?
- a) Well-known ports
 - b) Dynamic ports
 - c) Registered ports
 - d) Static ports

- 43) What does ARP (Address Resolution Protocol) basically do?
- a) ARP translates the hardware address of a node to its IP address.
 - b) ARP translates the IP address of a node to its hardware address.
 - c) ARP replies with the IP address of a particular node to any node that requests this.
 - d) ARP replies with the hardware address of a particular node to the default gateway.
- 44) Which of the following is the most suitable term for the Memory which is programmed at the time of its manufacturing itself?
- a) ROM
 - b) PROM
 - c) RAM
 - d) EPROM
- 45) What is the common name for the crime of stealing passwords is _____
- a) Identity theft
 - b) Jacking
 - c) Spoofing
 - d) Hacking
- 46) The main purpose of having memory hierarchy is to _____
- a) Provide large capacity
 - b) Reduce access time
 - c) Reduce propagation time
 - d) Reduce access time and provide large capacity
- 47) In OSI model, when data is sent from device A to device B, the 5th layer to receive data at B is _____
- a) Transport layer
 - b) Application layer
 - c) Link layer
 - d) Session layer
- 48) What does the "IPX maximum-paths 2" command accomplish?
- a) It sets up routing to go to network 2
 - b) It enables load sharing on 2 paths if the paths are equal metric paths
 - c) It is the default for Cisco IPX load sharing
 - d) It enables load sharing on 2 paths if the paths are unequal metric paths
- 49) A wireless network interface controller can work in _____
- a) Ad-hoc mode
 - b) Infrastructure mode
 - c) Both infrastructure mode and ad-hoc mode
 - d) None of the mentioned
- 50) Which of the following signal is not a standard RS-232-C signal?
- a) RTS
 - b) VDR
 - c) CTS
 - d) DSR

Rough Work

