राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)
Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA
दूरभाष/Tele: +9111-33861000, 1001, 1005, वेबसाइट/Website: www.nitdelhi.ac.in

---

QUESTION PAPER FOR THE POST OF (Technician Computer Applications)

(PAY LEVEL-3, as per the 7th CPC)

Maximum Marks : 100   Time: 150 Minutes

Name of Candidate : _____

Roll No.   : _____

INSTRUCTIONS TO CANDIDATES

a) The Written Examination shall consist of one paper with Part A, Part B, and Part C, carrying 100 marks in total.

b) Part A contains 20 Objective Type questions on General Knowledge, carrying 01 mark each (20 marks).

c) Part B contains 60 Objective Type questions on Domain Knowledge, carrying 01 mark each (60 marks).

d) Part C contains 05 Descriptive Type questions, each carrying 04 marks (20 marks).

e) For Objective Type questions (Part A & B), four options (A, B, C, D) shall be provided and only one correct answer is to be chosen.

f) One (01) mark shall be awarded for each correct answer in Part A and Part B.

g) Negative marking of 0.25 mark shall be applicable for each incorrect answer in Part A and Part B.

h) Unattempted questions in Part A and Part B shall not attract negative marking.

i) No negative marking shall be applicable for Part C (Descriptive questions).

j) The total duration of the Written Examination (Part A, B & C) shall be 2 hours and 30 minutes (150 minutes).

k) Candidates must write their Name, Roll Number and Signature on each page of the

Question Paper / Answer Booklet.

l) Candidates must ensure that the Question Paper / Answer Booklet is complete and free from defects before the examination begins.

m) Mobile phones, electronic watches, calculators and all electronic gadgets are strictly prohibited in the examination hall.

n) Cutting, overwriting or use of correction fluid in answers is not permitted.

o) The Question Paper, Answer Sheet(s) and Admit Card must be returned to the Invigilator after completion of the examination.

p) Use of unfair means or misconduct during the examination shall lead to cancellation of candidature.

q) The decision of the Institute authorities shall be final and binding in all matters related to the examination.

r) In case of any discrepancies, the English Version of the Question shall prevail.

अभ्यर्थियों के लिए निर्देश

a) लिखित परीक्षा एक प्रश्न पत्र की होगी, जिसमें भाग-A, भाग-B तथा भाग-C सम्मिलित होंगे, तथा कुल 100 अंक होंगे।

b) भाग-A में सामान्य ज्ञान से संबंधित 20 वस्तुनिष्ठ प्रकार के प्रश्न होंगे, जिनमें प्रत्येक प्रश्न 01 अंक का होगा (कुल 20 अंक)।

c) भाग-B में विषय/डोमेन ज्ञान से संबंधित 60 वस्तुनिष्ठ प्रकार के प्रश्न होंगे, जिनमें प्रत्येक प्रश्न 01 अंक का होगा (कुल 60 अंक)।

d) भाग-C में 05 वर्णात्मक प्रकार के प्रश्न होंगे, जिनमें प्रत्येक प्रश्न 04 अंक का होगा (कुल 20 अंक)।

e) वस्तुनिष्ठ प्रकार के प्रश्नों (भाग-A एवं भाग-B) के लिए चार विकल्प (A, B, C, D) दिए जाएंगे तथा केवल एक सही उत्तर का चयन करना होगा।

f) भाग-A एवं भाग-B में प्रत्येक सही उत्तर के लिए एक (01) अंक प्रदान किया जाएगा।

g) भाग-A एवं भाग-B में प्रत्येक गलत उत्तर के लिए 0.25 अंक की नकारात्मक अंकन किया जाएगा।

h) भाग-A एवं भाग-B में अनुत्तरित (Unattempted) प्रश्नों पर कोई नकारात्मक अंकन नहीं होगा।

i) भाग-C (वर्णात्मक प्रश्नों) में नकारात्मक अंकन लागू नहीं होगा।

j) लिखित परीक्षा (भाग-A, भाग-B एवं भाग-C) की कुल अवधि 2 घंटे 30 मिनट (150 मिनट) होगी।

k) अभ्यर्थियों को प्रश्न पत्र / उत्तर पुस्तिका के प्रत्येक पृष्ठ पर अपना नाम, रोल नंबर एवं हस्ताक्षर करना अनिवार्य होगा।

l) अभ्यर्थियों को यह सुनिश्चित करना होगा कि प्रश्न पत्र / उत्तर पुस्तिका पूर्ण एवं किसी भी प्रकार की त्रुटि से मुक्त हो, परीक्षा प्रारंभ होने से पूर्व।

m) परीक्षा कक्ष में मोबाइल फोन, इलेक्ट्रॉनिक घड़ियाँ, कैलकुलेटर तथा सभी प्रकार के इलेक्ट्रॉनिक उपकरण सख्त रूप से वर्जित हैं।

n) उत्तरों में कटिंग, ओवरराइटिंग या करेक्शन फ्लूड का प्रयोग वर्जित है।

o) परीक्षा समाप्ति के पश्चात प्रश्न पत्र, उत्तर पत्रक(ा) तथा प्रवेश पत्र (एडमिट कार्ड) पर्यवेक्षक को वापस करना अनिवार्य होगा।

p) परीक्षा के दौरान अनुचित साधनों का प्रयोग या कदाचार पाए जाने पर अभ्यर्थी की उम्मीदवारी निरस्त कर दी जाएगी।

q) परीक्षा से संबंधित सभी मामलों में संस्थान प्राधिकरणों का निर्णय अंतिम एवं बाध्यकारी होगा।

r) किसी भी प्रकार की विसंगति की स्थिति में, प्रश्न का अंग्रेज़ी संस्करण मान्य होगा।

Q. No.	Question	Answer
1	What is Microsoft Word software? A. A web browser B. A word processing program C. A video editing software D. A spreadsheet program	B
2	What is the shortcut key to start a slideshow from begining in PowerPoint? A. Shift + F5 B. F5 C. Ctrl + S D. Alt + S	B
3	The LCM of 12, 15 and 18 is: A. 60 B. 90 C. 180 D. 360	C
4	The present ages of three persons in proportions 4:7:9. Eight years ago, the sum of their ages was 56. Find their present ages (in years). A. 16, 28, 36 B. 8, 20, 28 C. 20, 35, 45 D. 15, 20, 30	A
5	An item is marked as Rs. 8000. There is a 25% discount on the item. What is the amount of discount received on the item? A. Rs. 6000 B. Rs. 1000 C. Rs. 2000 D. Rs. 1500	C
6	What is the ratio of 250 grams to 1 kilogram? A. 1:4 B. 4:1 C. 1:25 D. 25:1	A
7	Who was the first and last Indian Governor-General of Independent India? A. Lord Wavel B. General Kodandera Madappa C. Chakravarti Rajgopalachari D. Lord Mountbaten	C
8	7, 10, 15, 22, 31, 42, ? A. 54 B. 55 C. 56 D. 57	B

9	There are 8 people sitting around a circular table. A is sitting to the immediate left of B, who is third to the left of C. D is sitting between C and E, and F is sitting to the immediate right of E. Who is sitting to the immediate left of D?
	    A. B
	    B. C
	    C. E
	    D. F
		B

10	If ACMIL is written to LIMCA, how can it be written to FANTA?
	    A. ATNAF
	    B. ANTAF
	    C. ANTFA
	    D. ATANF
		A

11	C is wife of B, E is the son of C. A is the brother of B and father of D. What is the relationship of E to D?
	    A. Mother
	    B. Brother
	    C. Sister
	    D. Cousin
		D

12	Choose the number that will complete the second pair in the same way as first pair-
	    3. : 27 : : 4 : ?
	    A. 24
	    B. 64
	    C. 40
	    D. 44
		B

13	In a row of 73 students facing north, Geeta is 16th from the left hand. If Reena is 21st to the right of Geeta, what is Reena's position from the right end of the line?
	    A. 37th
	    B. 28th
	    C. 22nd
	    D. 31st
		A

14	Read each sentence to find out whether there is any error in it. The error will be in one part of the sentence. The alphabet number of that part is the answer. It is (A)/ a most (B)/ beautiful (C) painting of the gallery (D).	B

15	Synonym of Redeem is-
	    A. Recover
	    B. Raise
	    C. Extend
	    D. Fulfil
		A

16	Opposite of PURPOSELY-
	    A. Half-heartedly
	    B. Timidly
	    C. Unintentionally
	    D. Hesitatingly
		C

17	The phrase "To read between the lines" means- A. To suspect B. To understand the hidden meaning of the word C. To read carefully D. To do useless things	B
18	Find out the correctly spelt word- A. Explen B. Explaine C. Explain D. Expliane	C
19	Which word will come first in English dictionary-? A. Schedule B. Scorpion C. Scissors D. Sensitive	A
20	Valley of Flowers is in which state? A. Haryana B. Uttarakhand C. Uttar Pradesh D. Punjab	B

Part-B

Q1. Which memory is volatile in nature?

A) ROM

B) Hard Disk

C) RAM

D) DVD

Q2. The SI unit of electric current is:

A) Volt

B) Ohm

C) Ampere

D) Watt

Q3. BIOS is stored in which memory?

A) RAM

B) Cache

C) ROM

D) Hard Disk

Q4. Which device converts AC into DC?

A) Transformer

B) Rectifier

C) Oscillator

D) Amplifier

Q5. IPv6 address consists of how many bits?

A) 16 bits

B) 32 bits

C) 64 bits

D) 128 bits

Q6. Bus Architecture is implemented in LANs using _____

A) Address Resolution Protocol (ARP)

B) Hypertext Transfer Protocol (HTTP)

C) File Transfer Protocol (FTP)

D) Ethernet Protocol

Q7. What is the full form of SSD in terms of data storage?

A) Solid State Device

B) Semi Solid Drive

C) Solid State Drive

D) Semi Solid Device

Q8. Which Excel function is used to add values?

A) =ADD()

B) =SUM()

C) =PLUS()

D) =TOTAL()

Q9. How many pins are present in an RJ45 connector?

A) 4

B) 6

C) 8

D) 12

Q10. What is the full form of CPU?

A) Central Processing Unit

B) Computer Processing Unit

C) Central Programming Unit

D) Control Processing Unit

Q11. Which Linux command is used to list files and directories?

A) dir

B) ls

C) show

D) list

Q12. UPS is mainly used to:

A) Increase system speed

B) Store data

C) Provide power backup

D) Improve graphics

Q13. Which memory is the fastest in a computer system, among given options?

A) RAM

B) Cache Memory

C) ROM

D) Hard Disk

Q14. Which command is used to install packages in Ubuntu Linux?

A) yum

B) install

C) apt

D) pkg

Q15. Which device protects a network from unauthorized access?

A) Hub

B) Switch

C) Firewall

D) Repeater

Q16. What was the name of the first network?

A) ASAPNET

B) ARPANET

C) CNNET

D) NSFNET

Q17. Which device converts digital signals to analog signals?
A) Keyboard
B) Switch
C) Modem
D) None of Above

Q18. In order to tell Excel that we are entering a formula in cell, we must begin with an operator such as
A) $
B) @
C) =
D) None of the above

Q19. Which component is responsible for executing instructions in a computer?
A) RAM
B) Hard Disk
C) CPU
D) UPS

Q20. What type of port is used to connect audio devices, such as speakers and microphones, to a computer?
A) USB-C
B) Audio jack
C) HDMI
D) DVI

Q21. Which type of memory stores data permanently?

A) RAM
B) Cache
C) ROM
D) Virtual Memory

Q22. Which of the following is a primary device used to connect a computer to a network?

A) Graphics Card
B) NIC
C) Sound Card
D) USB Hub

Q23. Which Windows tool is used to manage hardware devices?
A) Task Manager
B) Control Panel
C) Device Manager
D) Disk Cleanup

Q24. Which command is used to copy files in Linux?
A) mv
B) cp
C) copy
D) clone

Q25. Which protocol is used for file transfer over the internet?
A) FTP
B) SMTP
C) HTTP
D) SNMP

Q26. Which software is used to create spreadsheets?
A) MS Word
B) MS Excel
C) MS PowerPoint
D) MS Access

Q27. Which command deletes a file in Linux?
A) del
B) erase
C) rm
D) remove

Q28. Which type of printer uses toner?

A) Inkjet
B) Dot Matrix
C) Laser
D) Thermal

Q29. Which command shows IP configuration in Windows?
A) netstat
B) ping
C) ipconfig
D) tracert

Q30. Which file extension represents a Word document?
A) .xls
B) .ppt
C) .docx
D) .pdf

Q31. Which command checks connectivity between two computers?
A) ping
B) ipconfig
C) netstat
D) arp

Q32. Which type of connector is commonly used for attaching hard drives to the motherboard?
A) USB
B) SATA
C) VGA
D) HDMI

Q33. Which Windows utility is used to check system logs?
A) Task Scheduler
B) Event Viewer
C) System Restore
D) Performance Monitor

Q34. Which protocol is used for remote login in Linux?

A) Telnet
B) FTP
C) SSH
D) SMTP

Q35. Which device is used to connect fiber optic cables?
A) RJ45
B) SC Connector
C) BNC
D) VGA

Q36. Which printer is best for bulk printing?
A) Inkjet
B) Dot Matrix
C) Laser
D) Thermal

Q37. Which Linux command shows current directory?

A) cd
B) pwd
C) path
D) where

Q38. Among given options, which tool is used for network simulation?
A) VirtualBox
B) Cisco Packet Tracer
C) Wireshark
D) Putty

Q39. Which process ensures preventive maintenance of computers?
A) Formatting
B) Backup and updates
C) Reinstallation
D) Troubleshooting

Q40. Which mirror is used in headlights of vehicles?
A) Plane mirror
B) Convex mirror
C) Concave mirror
D) Cylindrical mirror

Q41. Which particle has no electric charge?
A) Electron
B) Proton
C) Neutron
D) Positron

Q42. Which gas is known as laughing gas?
A) CO_2
B) N_2O
C) NH_3
D) O_2

Q43. The pH value of pure water is:
A) 0
B) 5
C) 7
D) 14

Q44. The solution of $x^2 = 9$ is:
A) 3
B) −3
C) ±3
D) 0

Q45. The distance between points (0,0) and (3,4) in cartesian plane is:
A) 5
B) 7
C) 6
D) 4

Q46: If $\tan \theta = 1$, then θ equals:

A) 0°
B) 30°
C) 45°
D) 60°

Q47: Which compound is used as an antacid?
A) NaCl
B) $Mg(OH)_2$
C) H_2SO_4
D) NH_4Cl

Q48. What does GPU stand for?
A) General Processing Unit
B) Graphics Processing Unit
C) Graphic Program User
D) General Peripheral Unit

Q49: What is Mark Entry in MS Word?
A) A feature to highlight text in the document

B) A feature used for creating an index in the document

C) A feature to insert comments into the document

D) A feature to add text boxes to the document

Q50: In MS Word, "Ctrl + Home" is used to:
A) Move the cursor to the beginning of the document
B) Move the cursor to the beginning of the line
C) Move the cursor to the beginning of the paragraph
D) All of the above

Q51: "Last Known Good Configuration" is used to:
A) Reset BIOS
B) Restore last working registry settings
C) Delete user data
D) Update Windows

Q52: GRUB stands for:
A) Grand Unified Bootloader
B) General Run Boot
C) Global Utility Boot
D) GNU Root Boot

Q53: The focal length of a plane mirror is:
A) Zero
B) 15 cm
C) Infinity
D) Dependent on object size

Q54: The SI unit of force is:
A) Joule
B) Newton
C) Watt
D) Pascal

Q55: If $2^x = 8$, then x = :
A) 2
B) 3
C) 4
D) 6

Q56: Probability of an impossible event is:
A) 1
B) –1
C) 0
D) 1/2

Q57: The IEEE standard for Wi-Fi is:
A) IEEE 802.3
B) IEEE 802.11
C) IEEE 802.15
D) IEEE 802.16

Q58: Evaluate: $(35+67)^2$
A) 10,404
B) 11,504
C) 8,004

D) 12,214

Q59: The sum of first 169 natural numbers is:
A) 14265
B) 14365
C) 14465
D) 14360

Q60: Find the area of a triangle with base = 6 units and height = 4 units.
A) 10
B) 12
C) 14
D) 24

PART-C

Q1: Describe the procedure for installing an operating system (Windows or Linux) on a computer system. Mention any four common installation or boot-related problems and their possible solutions.

Q2. Explain the functions of routers and switches. Describe basic configuration steps for setting up a small LAN.

Q3. Describe the responsibilities involved in server maintenance and network hardware management in a computer laboratory.

Q4. Explain the maintenance of laboratory stock registers, log books, and storage of components. Why is documentation important?

Q5. Explain the importance of preventive maintenance in a computer laboratory. Mention common preventive measures for hardware and software.

ANSWER KEY

PART-B

Q. No.	Correct Option
Q1	C
Q2	C
Q3	C
Q4	B
Q5	D

Q. No.	Correct Option
Q6	D
Q7	C
Q8	B
Q9	C
Q10	A
Q11	B
Q12	C
Q13	B
Q14	C
Q15	C
Q16	B
Q17	C
Q18	C
Q19	C
Q20	B
Q21	C
Q22	B
Q23	C
Q24	B
Q25	A
Q26	B
Q27	C
Q28	C
Q29	C
Q30	C
Q31	A
Q32	B
Q33	B

Q. No.	Correct Option
Q34	C
Q35	B
Q36	C
Q37	B
Q38	B
Q39	B
Q40	C
Q41	C
Q42	B
Q43	C
Q44	C
Q45	A
Q46	C
Q47	B
Q48	B
Q49	B
Q50	A
Q51	B
Q52	A
Q53	C
Q54	B
Q55	B
Q56	C
Q57	B
Q58	A
Q59	B
Q60	B

PART-C

Answer1: Procedure for Installing an Operating System (Windows / Linux)

1. Check system requirements such as processor, RAM, hard disk space, and compatibility with the OS.

2. Take backup of all important data to avoid data loss.

3. Create bootable installation media (USB/DVD) using tools like Rufus or official OS media creation tools.

4. Enter BIOS setup and set the boot priority to USB/DVD.

5. Boot the system using the installation media and select language, time zone, and keyboard layout.

6. Partition the hard disk and select the target partition for OS installation.

7. Install the operating system, after which the system restarts automatically.

8. Complete post-installation setup by installing device drivers, system updates, and required software.

Common Installation / Boot-Related Problems and Solutions

1. **Boot device not detected**
   Cause: Incorrect boot order or faulty USB/DVD
   Solution: Set correct boot priority in BIOS/UEFI and check installation media.

2. **Hard disk not detected during installation**
   Cause: Missing storage driver or incorrect SATA mode
   Solution: Load storage drivers or change SATA mode (AHCI/IDE).

3. **Operating system not booting after installation**
   Cause: Corrupted or missing bootloader
   Solution: Use Startup Repair or reinstall bootloader (GRUB/Windows Boot Manager).

4. **Installation hangs or freezes**
   Cause: Corrupt installation files or faulty RAM
   Solution: Recreate bootable media or check RAM.

5. **No bootable medium found**
   Cause: USB/DVD not properly created
   Solution: Recreate bootable media using correct ISO file.

6. **UEFI / Legacy boot conflict**
   Cause: OS installed in different boot mode
   Solution: Match boot mode (UEFI or Legacy) in BIOS.

7. **System restarts repeatedly during installation**
   Cause: Overheating or unstable power supply
   Solution: Check cooling system and power source.

8. **Keyboard or mouse not working during installation**
   Cause: USB driver not loaded
   Solution: Use USB 2.0 port or enable legacy USB support in BIOS.

Answer 2: Explain the functions of Routers and Switches. Describe basic configuration steps for setting up a small LAN.

Functions of Switch

1. Connects devices within a LAN such as computers, printers, and servers.

2. Forwards data using MAC addresses, ensuring data reaches the correct device.

3. Reduces network collision by sending data only to the intended port.

4. Improves network performance and efficiency within the local network.

5. Switches are having full-duplex communication which helps in making effective use of bandwidth.
6. Switches provide secure, reliable network having control over data.

Functions of Router

1. Connects different networks, such as LAN to the Internet (WAN).

2. Routes data using IP addresses between networks.

3. Provides internet sharing to multiple devices.

4. Supports firewalls and other security measures.

5. Controls data flow to prevent congestion.

6. Provides secure remote access to networks.

Basic Configuration Steps for Setting Up a Small LAN

1. **Connect devices physically**

   ○ Connect computers to the switch using Ethernet cables.

   ○ Connect the router to the switch.

   ○ Connect router to ISP modem.

2. **Configure IP addressing**

   o Enable DHCP on router Or assign static IP addresses manually.

   o Ensure all devices are in the same IP range

3. **Configure router settings**

   o Set internet connection details.

   o Set router login password.

4. **Test connectivity**

   o Use ping command to test communication between systems.

   o Check internet access.

Answer 3: **Server Maintenance Responsibilities**

1. **Monitoring server performance** such as usage, memory, and disk space.

2. **Ensuring server uptime and availability** for all users in the laboratory.

3. **Creating and managing user accounts** and access permissions.

4. **Performing regular data backups** to prevent data loss.

5. **Restoring data during system failure** using backup and recovery tools.

6. **Installing operating system updates**.

7. **Managing antivirus and firewall settings** to protect against malware and attacks.

8. **Maintaining server logs and reports** for troubleshooting and auditing purposes.

Network Hardware Management Responsibilities

1. **Installing and maintaining network devices** such as routers, switches, and access points.

2. **Managing network cabling and connectors**.

3. **Configuring IP addresses and network settings** for connected systems.

4. **Monitoring network performance and traffic** to avoid congestion.

5. **Identifying and troubleshooting network faults** such as link failure or slow connectivity.

6. **Replacing or repairing faulty network hardware**.

7. **Maintaining inventory and documentation** of all network equipment.

8. **Ensuring network security** by controlling access and updating device firmware

Answer 4: **Maintenance of Laboratory Stock Registers, Log Books, and Storage of Components**

Proper maintenance of laboratory records and components is essential for the smooth functioning of a computer laboratory. It ensures accountability, traceability, and efficient utilization of resources.

1. Maintenance of Stock Registers

1. Record details of consumable and non-consumable items.
2. Enter item name, quantity, specification, purchase date, and supplier details.
3. Maintain issue and return records of equipment.
4. Record warranty and AMC details.
5. Update entries regularly after purchase or issue.
6. Conduct periodic physical verification of stock.
7. Report shortages or damaged items.
8. Maintain separate registers for hardware and consumables.

2. Maintenance of Laboratory Log Books

1. Record usage of computers and equipment regularly.
2. Mention date, time, user name, and system number.
3. Record purpose of use.
4. Enter details of faults reported.
5. Record action taken for repairs.
6. Monitor misuse or irregularities.
7. Get entries verified by lab in-charge.

3. Storage of Components

1. Store components in labelled racks or cupboards.
2. Keep electronic parts in anti-static covers.
3. Separate working, spare, and damaged items.
4. Store cables properly to prevent damage.
5. Maintain dust-free and moisture-free environment.

6. Secure costly equipment in locked cabinets.

7. Arrange items category-wise.

8. Conduct regular inspection of stored items.

4. Importance of Documentation

1. Ensures accountability and transparency.

2. Helps during audit and inspection.

3. Prevents loss and misuse of equipment.

4. Assists in maintenance planning and budgeting.

5. Useful for warranty and AMC claims.

6. Maintains accurate inventory records.

7. Supports smooth lab operations.

8. Provides historical reference for future planning.

Answer 5: Importance of Preventive Maintenance in a Computer Laboratory and Common Preventive Measures

Preventive maintenance refers to regular inspection and care of computer systems to prevent faults, breakdowns, and data loss.

Importance of Preventive Maintenance

1. **Increases system life** by reducing wear and tear of components.

2. **Prevents sudden breakdowns** and minimizes downtime in the laboratory.

3. **Improves performance** of computers and network devices.

4. **Reduces repair and replacement costs** in the long run.

5. **Ensures data safety and system security**.

6. **Maintains smooth conduct of practical classes and exams.**

7. **Improves reliability and availability of lab resources.**

8. **Enhances overall laboratory efficiency.**

Common Preventive Measures for Hardware

1. Regular cleaning of CPU, keyboard, monitor, and peripherals.

2. Proper ventilation and temperature control in the lab.

3. Checking cables, connectors, and power supply connections.

4. Using UPS and surge protectors to avoid power damage.

5. Periodic inspection of hard disks and RAM.

6. Replacing faulty components in time.

7. Keeping systems dust-free and moisture-free.

8. Ensuring proper cable management.

Common Preventive Measures for Software

1. Regular updating of operating system and software.

2. Installing and updating antivirus programs.

3. Performing regular data backups.

4. Removing unused or unnecessary programs.

5. Disk cleanup and disk defragmentation (if required).

6. Monitoring system logs for errors.

7. Setting strong passwords and access controls.

8. Periodic system scanning for malware.

Preventive maintenance ensures smooth functioning, security, and longevity of computer systems in a laboratory. Regular hardware and software care reduces downtime and improves efficiency.

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)

Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA

दूरभाष/Tele: +9111-33861000, 1001, 1005 वेबसाइट/Website: www.nitdelhi.ac.in

F. No.: NITD/01/Admn/606/2025-26/TECA   Dated: 11.03.2026

NOTICE

Subject: Provisional Result of the Written Test/Examination held on 11.03.2026 for the post of Technician the Department/Discipline of Computer Applications (01 UR), NIT Delhi, advertised vide Advt. No.: 08/2025 – reg.

S. No.	Roll No.	Form No	Part A (20 Marks)	Part B (60 Marks)	Part C (20 Marks)	Marks Obtained in written Test/Examination (100 Marks)
1.	25084003	CNDN10112	17.75	35.25	05.50	58.5
2.	25084009	CNDN10252	20.00	31.25	10.00	61.25
3.	25084011	CNDN10362	18.75	43.75	11.75	74.25
4.	25084018	CNDN10558	17.00	38.50	04.50	60
5.	25084022	CNDN10714	08.75	17.50	01.50	27.75
6.	25084025	CNDN10965	13.00	27.00	05.00	45
7.	25084030	CNDN11103	10.00	13.75	04.50	28.25
8.	25084031	CNDN11145	13.75	13.75	05.50	33
9.	25084034	CNDN11182	11.25	27.50	05.00	43.75
10.	25084036	CNDN11267	12.50	31.25	04.00	47.75
11.	25084037	CNDN11321	17.75	33.25	05.50	56.5
12.	25084043	CNDN11494	13.75	21.00	07.00	41.75
13.	25084047	CNDN11727	15.00	36.50	10.00	61.5
14.	25084054	CNDN11875	12.25	27.25	13.50	53
15.	25084056	CNDN11889	09.00	29.50	11.50	50
16.	25084059	CNDN12020	05.25	08.50	01.50	15.25
17.	25084061	CNDN12030	17.75	48.75	14.50	81
18.	25084067	CNDN12205	15.75	29.25	05.50	50.5
19.	25084071	CNDN12293	12.00	25.50	04.00	41.5
20.	25084072	CNDN12343	15.25	15.75	02.50	33.5
21.	25084075	CNDN12395	18.75	38.75	02.50	60
22.	25084080	CNDN8719	15.00	25.25	08.50	48.75
23.	25084085	CNDN8940	15.00	31.00	05.50	51.5
24.	25084086	CNDN8951	08.75	18.75	04.00	31.5
25.	25084092	CNDN9140	09.25	12.75	00	22
26.	25084094	CNDN9284	16.50	43.00	10.50	70

Note:

Minimum Qualifying percentage is 60% i.e. 60 marks out of 100.

The result of the candidates who appeared for the aforementioned post is provisional in nature and may be subject to change upon receipt and examination of representations, if any, against the provisional answer key.

Further, it is hereby informed that only the candidates who are finally shortlisted, as specified at Point No. 2 under (A) of the document dated 12.12.2025, shall be called to appear for the Proficiency Test for the said post (Ref. F. No. NITD/01/Admn/606/2025–26 dated 12.12.2025).

The selection of candidates shall be subject to meeting all the eligibility criteria and successful verification of documents.

Candidates are requested to regularly visit the Institute website for further updates and notifications.

This issues with the approval of the Competent Authority.

Sd/-

(Registrar, NIT Delhi)

राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली
NATIONAL INSTITUTE OF TECHNOLOGY DELHI
(शिक्षा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)
(An autonomous Institute under the aegis of Ministry of Education (Shiksha Mantralaya), Govt. of India)
Plot No. FA7, Zone P1, GT Karnal Road, Delhi-110036, INDIA
दूरभाष/Tele: +9111-33861000, 1001, 1005 वेबसाइट/Website: www.nitdelhi.ac.in

F. No.: NITD/01/Admn/606/2025-26/TECA   Dated: 11.03.2026

NOTICE

Subject: Provisionally shortlisted candidates for the Proficiency Test for the post of Technician the Department/Discipline of Computer Applications (01 UR), NIT Delhi, advertised vide Advt. No.: 08/2025 – reg.

S. No.	Roll No.	Form No	Part A (20 Marks)	Part B (60 Marks)	Part C (20 Marks)	Marks Obtained in written Test/Examination (100 Marks)
1.	25084061	CNDN12030	17.75	48.75	14.50	81
2.	25084011	CNDN10362	18.75	43.75	11.75	74.25
3.	25084094	CNDN9284	16.50	43.00	10.50	70
4.	25084047	CNDN11727	15.00	36.50	10.00	61.5
5.	25084009	CNDN10252	20.00	31.25	10.00	61.25
6.	25084018	CNDN10558	17.00	38.50	04.50	60
7.	25084075	CNDN12395	18.75	38.75	02.50	60

Note:
The minimum qualifying percentage for the said post in the UR category is 60%, i.e., 60 marks out of 100. However, two candidates at Sr. No. 06 and 07 have secured the same marks (60 marks) at the 6th position. Therefore, a total of 07 candidates have been provisionally shortlisted, as specified at Point No. 2 under (A) of Document F. No. NITD/01/Admn/606/2025–26 dated 12.12.2025.

Accordingly, the above-mentioned candidates have been provisionally shortlisted for the Proficiency Test scheduled to be held on 17.03.2026 (FN).

The above list is provisional in nature and may be subject to change upon receipt and examination of representations, if any, against the provisional answer key.

The selection of candidates shall be subject to meeting all the eligibility criteria and successful verification of documents.

Candidates are requested to regularly visit the Institute website for further updates and notifications.

This issues with the approval of the Competent Authority.

Sd/-
(Registrar, NIT Delhi)