

Computer Science (New)

9th (Fresh/Reappear)

۱۔ ہر سوال کے سامنے چار دائرے دیئے گئے ہیں، صرف صحیح جواب والا دائرہ بھریں۔

۲۔ دائروں کو شیڈ (بھرنے) کے لیے نیلے یا کالے رنگ کا دکر استعمال کریں۔

۳۔ جواب میں ایک سے زائد دائرے بھرنے سے جواب غلط تصور ہوگا۔

Time: 15 Minutes

SECTION-A

Marks: 11

Q1: Choose the correct option i.e, A,B,C or D?

- Satellites are used in _____ network.
☐ LAN ☐ MAN ☒ WAN ☐ None
- Which of the given is an example of Unguided Transmission Media?
☒ Mobile Communication Network ☐ Coaxial Cable
☐ Digital Subscriber Line (DSL) ☐ Fiber Optic Cable
- Which one of the given is a device that is used in a communication system to send or transmit data from space to earth?
☐ Modem ☐ Mobile Communication Network
☐ ISDN ☒ Satellite
- The motherboard is also called _____.
☐ ROM ☐ Whiteboard
☒ Main board ☐ Keyboard
- _____ is used to spy on the victim's computer.
☐ Adware ☒ Spyware ☐ Worm ☐ Mobile phone
- When a part of body is used for identification, it is called.
☐ Signing ☒ Biometrics ☐ Sharing ☐ Biohazard
- Which of the given is a memory device?
☐ Scanner ☐ Speaker ☐ Keyboard ☒ RAM
- Macintosh OS was developed by _____ company.
☐ Microsoft ☐ DELL ☐ IBM ☒ Apple
- The _____ is responsible to manage all the resources of a computer.
☐ Antivirus ☒ Operating System ☐ Hardware ☐ Teacher
- _____ is responsible to process all the tasks of a computer.
☐ Hard Disk ☐ Power Supply
☐ Monitor ☒ Processor
- Digital thermometer is an example of _____ computer.
☒ Hybrid ☐ Super ☐ Analog ☐ Mainframe

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Note: Time allowed for Section-B & Section-C is 2:15 hours.

SECTION-B

Marks: 28

Q2: Attempt any SEVEN parts. Each part carries FOUR marks.

Q1. Differentiate between analog computer and hybrid computer

- Q2. Differentiate between ring topology and mesh topology.
- Q3. Differentiate between compiler and interpreter
- Q4. Differentiate between open-source and closed-source software with examples.
- Q5. Is watching a video on YouTube a Synchronous or Asynchronous communication, explain why?
- Q6. Differentiate between single user and multi-user operating system with examples.
- Q7. Differentiate between malware and antimalware
- Q8. Define cybercrime and who is a hacker?
- Q9. Differentiate between guided and unguided media.

SECTION-C

Marks: 16

Note: Attempt any TWO questions in detail. All questions carry equal marks.

- Q10. Explain three modes of data transmission.
- Q11. Explain different types of authentication methodologies.
- Q12. Explain different types of network architecture.