

COMPUTER SCIENCE	Intermediate Part-I (11th) (1st A 325)	Paper: I	First Group
Time: 2:10 Hours	SUBJECTIVE	Marks: 60	

Note: Section-I is compulsory. Attempt any THREE questions from Section-II.

SECTION – I

2. Write short answers to any SIX (6) questions.

(2x6 = 12)

- Describe DSL.
- How does Bus Topology work?
- Define the purpose of Compute Network.
- Write down two differences between LAN and WAN.
- Write down two differences between Parallel Transmission and Serial Transmission.
- Define Bandwidth.
- Describe CBT.
- Write down the role of computer in weather forecasting.
- Write down two uses of computer in Medical field.

3. Write short answers to any SIX (6) questions.

(2x6 = 12)

- What is data?
- Define the term Information Technology.
- How is Hardware different from Software?
- What is data bus?
- How interrupt works?
- Define security.
- What are biometrics?
- Define the term Hacking?
- How pirated software spread viruses?

4. Write short answers to any SIX (6) questions.

(2x6 = 12)

- Differentiate between Copy and Cut.
- Define Word Wrap.
- What are Thesaurus in MS-Word?
- Give any two Font Specifications.
- If the custom format 0000 is used then how 91 will be displayed?
- Write a function that returns the average of cells C3 to C9 in Excel.
- Define 3D-worksheet in Excel.
- Write a function that returns the square root of cells A5 in Excel.
- Differentiate between Relative Reference and Absolute Reference.

SECTION – II

5 - Describe any four mark and character recognition/scanning devices.

(8)

6 - What is meant by Encoding Scheme? Explain different types of Encoding Schemes.

(8)

7 - Explain the architecture of computer system. Which components are included in the architecture of modern computers?

(8)

8 - Briefly describe the evolution of Windows Operating System? Also write down different objects of MS-Windows.

(8)

9 - Why Internet addressing is essential for Network Communication? Explain two main types of addressing schemes.

(8)

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Roll No. of Candidate : _____

COMPUTER SCIENCE		Intermediate Part-I (11th) (1st A 325-I)		Paper: I	Second Group
Time: 20 Minutes		OBJECTIVE Code: 6832		Marks: 15	
Q. No. 1	You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of the relevant question number. Use marker or pen to fill in the circles. Cutting or filling of two or more circles will result zero mark in that question.				
S. #	Questions	A	B	C	D
1	The electronic beam scanning is a characteristic of	Laser Printer	Cathode Ray Tube	Liquid Crystal Display	Flat Panel Monitor
2	The set of rules to exchange data in a communication network are termed as	Protocol	Procedure	Method	Token
3	Identify the name of the most commonly used LAN protocol from	Bluetooth 4.x	Ethernet	Wi Max	ARC net
4	The program that is used to connect one computer to a remote computer is named as	WWW	FTP	Telnet	E-mail
5	The mode that is like a two-way street with traffic flowing in both directions at the same time is called	Full Duplex	Simplex	Duplex Zero	Half Duplex
6	Groupware and desktop organizers are some examples of	Message Handling System	E-Banking	E-Commerce	Office Support System
7	The scanners that are used by physicians to look beneath the patient's skin are known as	CAM Scanners	CAT Scanners	Source Data Entry Devices	Photocopy Machines
8	The step that obtains the next instruction from memory is called	Read	Get	Fetch	Write
9	Norton, McAfee, Dr. Solomon's tool kit are examples of	Viruses	Application Software	Anti-virus Software	Multi-media Software
10	The privacy act which restricts cable companies in collecting and sharing of information about their customers is called	Cable Communication Policy Act 1984	Privacy Protection Act 1980	Computer Misuse Act 1990	Computer Security Act 1987
11	A type of partition that can be used as the system partition is termed as	Extra Partition	Logical Partition	Dynamic Partition	Primary Partition
12	How many printers are assigned default status in Windows Operating System?	1	2	3	4
13	The term that defines the size and style of a type face is	Point	Font	Character	Image
14	A spread sheet cell highlighted with a heavy border is the	Absolute cell	Locked cell	Active cell	Passive cell
15	A domain name is the text version of	HTML	Hyperlink	MAC Address	IP Address

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Note: Section-I is compulsory. Attempt any THREE (3) questions from Section-II.

SECTION – I

2. Write short answers to any SIX (6) questions.

(2x6 = 12)

- | | |
|---|---|
| i. Why Star Topology is the best LAN Topology? | vi. Differentiate between simplex and half duplex mode. |
| ii. How are WAN connected? | vii. Describe the use of ATM. |
| iii. Write down any two benefits of Computer Network. | viii. Why is E-banking so popular? |
| iv. Define data communication. | ix. Define computer simulation. |
| v. In which situation gateway is used? | |

3. Write short answers to any SIX (6) questions.

(2x6 = 12)

- | | |
|---|--|
| i. Convert 330 GB of memory into Bytes. | vi. Why it is necessary to update antivirus programs periodically? |
| ii. How does drum plotter work? | vii. Write down four suggestions to protect computer from virus. |
| iii. Write two differences between soft copy and hard copy. | viii. What is a Boot Sector Virus? |
| iv. Write the use of parallel port. | ix. What do you mean by security threats? |
| v. Describe language processor. | |

4. Write short answers to any SIX (6) questions.

(2x6 = 12)

- | | |
|--|---|
| i. What is Word Processing? | vi. Define Absolute Reference in Excel. |
| ii. What is character formatting? | vii. What is cell address? |
| iii. Define page margin and page size. | viii. How formula is used in Excel? |
| iv. Write down two purposes of status bar in Word? | ix. What do you mean by named ranges? |
| v. What is spreadsheet program? | |

SECTION – II

5 - What is preliminary investigation? Explain in detail. (8)

6 - What is Guided Media? Describe different guided media. (8)

7 - What is an operating system? Explain any six functions of an operating system in detail. (8)

8 - Define user interface. Discuss different types of operating systems on the basis of user interaction. (8)

9 - What is Internet? Describe its history. (8)

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