

Paper Code Number: 2837	2023 (1 st -A) INTERMEDIATE PART-I (11th Class)	Roll No: _____			
COMPUTER SCIENCE PAPER-I <i>MTN-11-23</i>					
TIME ALLOWED: 20 Minutes	OBJECTIVE	MAXIMUM 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 bubble in front of that question number, on bubble sheet. Use marker or pen to fill the bubbles. Cutting or filling two or more bubbles will result in zero mark in that question.				
S.#	QUESTIONS	A	B	C	D
1	Typically cladding of a fiber optic cable is:	120 microns	500 microns	125 microns	625 microns
2	Television and radio broadcasts are example of:	Simplex mode	Half duplex mode	Full duplex mode	Multi mode
3	The process of making multiple copies of a document or image is called:	Word processing	Image processing	Reprographics	Duplication
4	A program that contains instructions to run a device is called:	Device driver	Device operator	Device organizer	Device system
5	Which of the following is slowest?	RAM	Registers	Cache memory	Hard disk drive
6	Which CPU register does hold the address of next instruction to be executed?	IR	PC	MAR	SP
7	The process of encoding data for security is called:	Password	Coding	Encryption	Decryption
8	Maximum number of primary partitions that can be created in a hard disk are:	1	2	3	4
9	Which shortcut key is used to cut the text in MS-Word?	Ctrl + C	Ctrl + V	Ctrl + X	Ctrl + K
10	The function that divides sum of the values by their number in MS-Excel is:	AVG()	AVERAGE()	DIV()	DIVIDE()
11	Web pages are created using:	HTML	HTTP	FTP	WWW
12	Testing of individual program components is called:	Unit testing	System testing	Isolation testing	Pilot testing
13	The resolution supported by SVGA is:	320 × 200	640 × 480	800 × 600	1024 × 768
14	The protocol used by all computers over the internet is called:	SNA	TCP/IP	Ethernet	OSI
15	The physical layout of computers and how the cable runs through them is called:	Network protocol	Network standard	Network model	Network topology

2023 (1 st -A)		Roll No: _____
INTERMEDIATE PART-I (11 th Class)		
COMPUTER SCIENCE PAPER-I		M/TN-11-23
TIME ALLOWED: 2.10 Hours	SUBJECTIVE	MAXIMUM MARKS: 60
SECTION-I		
2. Write short answers to any six parts.		6 × 2 = 12
(i)	How would you elaborate Application software?	
(ii)	Define the term Digital convergence.	
(iii)	Differentiate between Soft copy and Hard copy.	
(iv)	Convert 8GB into KB.	
(v)	List two benefits of Video conferencing.	
(vi)	How Computer can be used in offices?	
(vii)	Describe Simulation.	
(viii)	What is Cell address?	
(ix)	Name two states of a cell in worksheet.	
3. Write short answers to any six parts		6 × 2 = 12
(i)	What is the purpose of OSI model?	
(ii)	How computers are connected in Mesh topology?	
(iii)	Define Network protocol.	
(iv)	Describe Bandwidth.	
(v)	Define Digital signal.	
(vi)	What is the purpose of Presentation layer?	
(vii)	How Web Pages are created?	
(viii)	Write two uses of Internet.	
(ix)	What do you know about Newsgroups?	
4. Write short answers to any six parts		6 × 2 = 12
(i)	How does a Cache Memory Work?	
(ii)	What is DMA?	
(iii)	How the Virus is activated?	
(iv)	Write any two causes of Computer virus.	
(v)	What is Password?	
(vi)	What is Desktop?	
(vii)	What is Primary partition?	
(viii)	How Undo and Redo commands are used?	
(ix)	Why selecting text is important in MS-Word?	
SECTION-II		
NOTE: Attempt any three questions.		3 × 8 = 24
5.	Briefly discuss primary components of a Computer system.	2 + 2 + 2 + 2 = 8
6.	Define Topology. Explain working of Bus Topology with diagram. Write its advantages and disadvantages.	8
7.	What is Guided Media? Briefly describe different types of guided media.	8
8.	What is ROM? Discuss its different types.	8
9.	What are CPU registers? Briefly discuss different general purpose registers.	8