

**RUBRICS: SSC 1<sup>st</sup> ANNUAL EXAMINATION 2023**  
**SUBJECT: COMPUTER SCIENCE SSC-I (Hard Area)**

Q.#2 /Part #	Criteria	Level 1 (Marks)	Level 2 (Marks)	Level 3 (Marks)	Level 4 (Marks)	Level 5 (Marks)
2 (i)	Role of computer in Manufacturing	Correct description of role of computer (03)	Partially correct role of computer (1.5)	Any relevant information (0.5)	Wrong answer (0)	
(ii)	Language processor	Correct description of language processor (03)	Partially Correct description of language processor (1.5)	Any relevant information (0.5)	Wrong answer (0)	
(iii)	Differences between Absolute cell address and Relative cell address	Correct differentiation between absolute and relative cell address (03)	Partially correct differentiation (1.5)	Any relevant answer (0.5)	Wrong answer (0)	
(iv)	Drawing comparison of synchronous and asynchronous transmission	Correct drawing of comparison between synchronous and asynchronous modes (03)	Partially correct drawing of comparison between synchronous and asynchronous modes (1.5)	Any relevant answer (0.5)	Wrong answer (0)	
(v)	(a) Computer storage	Correct description of computer storage (1.5)	Partially correct description of computer storage (01)	Any relevant answer (0.5)	Wrong answer (0)	
	(b) Computer memory	Correct description of computer memory (1.5)	Partially correct description of computer memory (01)	Any relevant answer (0.5)	Wrong answer (0)	
(vi)	Limitations of ring topology	Two correct limitations of ring topology (1.5)	One correct limitation of ring topology (01)	Any relevant answer (0.5)	Wrong answer (0)	
	Limitations of Mesh topology	Two correct limitations of mesh topology (1.5)	One correct limitation of mesh topology (01)	Any relevant answer (0.5)	Wrong answer (0)	
(vii)	Task of worm	Correct description of worm (01)	Partially correct description of worm (0.5)	Wrong answer (0)		
	Task of Adware	Correct description of adware (01)	Partially correct description of adware (0.5)	Wrong answer (0)		
	Task of Virus	Correct description of virus (01)	Partially correct description of virus (0.5)	Wrong answer (0)		

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(viii)	(a) Task of Recycle bin icon	Correct description of recycle bin icon (01)	Partially correct description of recycle bin icon (0.5)	Wrong answer (0)		
	(b) Task of Computer icon	Correct description of computer icon (01)	Partially correct description of computer icon (0.5)	Wrong answer (0)		
	(c) Task of Folder icon	Correct description of folder icon (01)	Partially correct description of folder icon (0.5)	Wrong answer (0)		
(ix)	Usage of Data validation in MS Excel	Correct usage of data validation (01)	Partially correct usage of data validation (0.5)	Wrong answer (0)		
	Usage of Conditional formatting in MS Excel	Correct usage of conditional formatting (01)	Partially correct usage of conditional formatting (0.5)	Wrong answer (0)		
	Usage of Data filtering in MS Excel	Correct usage of Data filtering (01)	Partially correct usage of Data filtering (0.5)	Wrong answer (0)		
(x)	Description of Attenuation impairment	Correct definition/purpose (1.5)	Partially Correct definition/purpose (01)	Wrong answer (0)		
	Description of Distortion impairment	Correct definition/purpose (1.5)	Partially Correct definition/purpose (01)	Wrong answer (0)		
(xi)	Properties of MAN	Any three correct properties of MAN (03)	Any two correct properties of MAN (02)	Any one correct property of MAN (01)	Any relevant answer (0.5)	Wrong answer (0)
(xii)	Difference between real time and time-sharing OS	Correct differentiation between real time and time-sharing OS (03)	Partially correct differentiation between real time and time-sharing OS (02)	Any relevant answer (01)	Wrong answer (0)	
(xiii)	Reasons of advantages of multimodal authentication methodology over other authentication methodologies	Correct reasons/advantages of multimodal authentication (03)	Partially correct reasons/advantages of multimodal authentication (02)	Any relevant answer (01)	Wrong answer (0)	

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3 (a)	Definition of Computer Software	Correct Definition/purpose of computer software (01)	Partially correct definition/purpose (0.5)	Wrong answer (0)		
	Differentiation between application software and system software	Any three Correct differences between application software and system software (03)	Any two Correct differences between application software and system software (02)	Any one correct difference between application software and system software (01)	Wrong answer (0)	
3 (b)						
	Role of Network administrator	Correct description of role of NA (02)	Partially correct description (01)	Wrong answer (0)		
	Role of Information Security Analyst	Correct description of role of ISA (02)	Partially correct description (01)	Wrong answer (0)		
4 (a)						
	Working of Router	Correct working of router (02)	Partially correct working of router (01)	Wrong answer (0)		
	Working of Switch	Correct working of switch (02)	Partially correct working of switch (01)	Wrong answer (0)		
4 (b)						
	Description of Twisted Pair Cable	Correct description (02)	Partially correct description (01)	Wrong answer (0)		
	Description of Coaxial Cable	Correct description (02)	Partially correct description (01)	Wrong answer (0)		
5 (a)						
	Definition of CDMA	Correct definition/purpose/working (02)	Partially correct description/purpose/working (01)	Wrong answer (0)		
	Dial up line	Correct definition/purpose/working (02)	Partially correct description/purpose/working (01)	Wrong answer (0)		
5 (b)						
	(i) Client Server Network (ii) Peer to Peer Network (ii) Point to Point Network	Description of any two with correct diagrams (04)	Description of any two along with any one diagram/ Description of any one along with any two diagrams (03)	Description of any one with correct diagram <b>OR</b> Description of two without diagram (02)	Any relevant information (01)	Wrong answer (0)

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