

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

# / Part #	Criteria	Level 1 (Marks)	Level 2 (Marks)	Level 3 (Marks)	Level 4 (Marks)	Level 5 (Marks)
2 (i)	<b>Writing Reasons of 4<sup>th</sup> Generation being better than the previous three generations</b>	Correctly comparing the 4 <sup>th</sup> generation with the previous generations in at least three aspects like size, speed, technology, storage etc. (03)	Correct comparison based on any two aspects (02)	Correct comparison based on any one aspect (01)	Wrong answer (0)	
2 (ii)	<b>How OS performs Resource Management?</b>	Correct description (1.5)	Partially Correct description (1)	Any relevant information (0.5)	Wrong answer (0)	
	<b>How OS performs User Management?</b>	Correct description (1.5)	Partially Correct description (1)	Any relevant information (0.5)	Wrong answer (0)	
2 (iii)	<b>Reasons to use Office Automation System to improve quality of work.</b>	Complete and correct justification with reasons (03)	Partially correct response (02)	Any relevant information (01)	Wrong answer (0)	
2 (iv)	<b>Properties of a good communication system.</b>	Writing the three correct Properties (03)	Any two correct Properties (02)	Any one correct Property (01)	Wrong answer (0)	
2 (v)	<b>Comparison between Client Server and Peer-to-Peer network</b>	Three Correct comparisons (03)	Two Correct comparisons (02)	One Correct comparison (01)	Wrong answer (0)	
2 (vi)	<b>What is Intellectual Property and Information Privacy?</b>	Correct description of Intellectual Property (1.5)	Partially correct response(01)	Any relevant information (0.5)	Wrong answer (0)	
		Correct description of Information Privacy (1.5)	Partially correct response(01)	Any relevant information (0.5)	Wrong answer (0)	
2 (vii)	<b>Scope of Programmer and Network Administrator in IT.</b>	Correct scope of Programmer (1.5)	Partially correct response(01)	Any relevant information (0.5)	Wrong answer (0)	
		Correct scope of network administrator (1.5)	Partially correct response(01)	Any relevant information (0.5)	Wrong answer (0)	
2 (viii)	<b>Differentiation between CLI &amp; GUI in term of Usage, Processing Speed and display.</b>	Correct differentiation using all the three aspects (03)	Correct differentiation using any two aspects (02)	Correct differentiation using any one aspect (01)	Wrong answer (0)	

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2 (ix)	<b>(a) Use of Editing in WORD</b>	Correct use of Editing (01)	Partially Correct use (0.5)	Wrong answer (0)		
	<b>(b) Use of Formatting in WORD</b>	Correct use of Formatting (01)	Partially Correct use (0.5)	Wrong answer (0)		
	<b>(c) Use of Special paste in WORD</b>	Correct use of Special paste (01)	Partially Correct use (0.5)	Wrong answer (0)		
2 (x)	<b>How Data Transfer over Fiber Optic cable and its characteristics</b>	Correct description of data transferred over Fiber Optic cable (01)	Partially correct response (0.5)	Wrong answer (0)		
		Any two characteristics (2)	Any one characteristic (1)	Wrong answer (0)		
2 (xi)	<b>Comparison of ISDN and DSL communication lines</b>	Correct Comparisons of ISDN and DSL communication lines (03)	Partially correct Comparisons (02)	Any relevant information (01)	Wrong answer (0)	
2 (xii)	<b>Comparison between 'Authentication' and 'Authorization'</b>	Three Correct Comparisons (03)	Two Correct Comparisons (02)	One Correct Comparison (01)	Wrong answer (0)	
2 (xiii)	<b>Types of printers (Impact, non-impact)</b>	Correct description of printers types (03)	Correct description of any one printer type (1.5)	Any relevant information (01)	Wrong answer (0)	
3 (a)	<b>Definition of OS with list of its functions</b>	Correct definition of OS (01)	Partially correct definition (0.5)	Wrong answer (0)		
		Correct List of five to six functions (03)	Correct list of three to four functions (02)	Correct list of two to one function (01)	Wrong answer (0)	
3 (b)	<b>Description of Batch Processing and Time sharing OS</b>	Correct description of Batch Processing and Time sharing OS (04 )	Correct description of Batch Processing <b>OR</b> Time sharing OS (02)	Partially correct description (01)	Wrong answer (0)	
4 (a) i	<b>Explanation of Baud Rate</b>	Correct explanation of Baud Rate (02)	Partially Correct answer (01)	Wrong answer (0)		
4 (a) ii	<b>Explanation of Signal-to-noise ratio</b>	Correct explanation of Signal-to-noise ratio (02)	Partially Correct answer (01)	Wrong answer (0)		

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<b>4 (b)</b>	(i) Radio waves (ii) Microwaves (iii) Satellites	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/description of two without diagram (02)	Any relevant information (01)	Wrong answer (0)
<b>5 (a)</b>	<b>Reasons of Network creation and its uses</b>	Any one Correct reasons of Network creation (01)	Partially correct response (0.5)	Wrong answer (0)		
		Any three correct uses (03)	Any two correct uses (02)	Any one correct use (01)	Wrong answer (0)	
<b>5 (b) i</b>	<b>Explanation of LAN with diagram and Characteristics</b>	Explanation of LAN with diagram and characteristics (02)	Partially correct answer (01)	Any relevant information (0.5)	Wrong answer (0)	
<b>5 (b) ii</b>	<b>Explanation of WAN with diagram and Characteristics</b>	Explanation of WAN with diagram and characteristics (02)	Partially correct answer (01)	Any relevant information (0.5)	Wrong answer (0)	