

RUBRICS: SSC-2024
1st ANNUAL EXAMINATION 2024
SUBJECT: COMPUTER SCIENCE SSC-II (Paper-B)

# / Part #	Criteria	Level 1 (Marks)	Level 2 (Marks)	Level 3 (Marks)	Level 4 (Marks)	Level 5 (Marks)	Level 6 (Marks)
2(i)	Purpose of defining	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Purpose of analyzing	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
OR	Purpose of a search engine	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		
2(ii)	Difference between gets() and puts() functions	Correct Difference(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Example of gets() & puts() functions	Correct example of both (01)	Correct example of any one (0.5)	Wrong/Irrelevant answer(0)			
OR	Purpose of default keyword in switch	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		
2(iii)	Description of flowchart	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Purpose of any one flowchart symbol	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
OR	Rules for specifying variable names 1 st Rule	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	2 nd Rule	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
2(iv)	Correction of any four errors in the given code: 1 st Correction	Any 1 st correct error correction (0.5)	Wrong/Irrelevant answer(0)				
	2 nd Correction	Any 2 nd correct error correction (0.5)	Wrong/Irrelevant answer(0)				

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	3 rd Correction	Any 3 rd correct error correction (0.5)	Wrong/Irrelevant answer(0)				
	4 th Correction	Any 4 th correct error correction (0.5)	Wrong/Irrelevant answer(0)				
OR	Reason: of header files not used in C program	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Example of Header file	Any one Correct Example(0.5)	Wrong/Irrelevant answer(0)				
	Purpose of mentioned Header file	Correct Description(0.5)	Wrong/Irrelevant answer(0)				
2(v)	Output of: 1 st Expression	Correct Description(01)	Wrong/Irrelevant answer(0)				
	2 nd Expression	Correct Description(01)	Wrong/Irrelevant answer(0)				
OR	Rewrite the code using if else	Correctly rewritten the code(02)	Partially rewritten (01)	Wrong/Irrelevant answer(0)			
2(vi)	Purpose of do while loop in C language	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Syntax of do while loop	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
OR	Differences between AND and NAND gates. 1 st Difference	Any 1 st correct difference (01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	2 nd Difference	Any 2 nd correct difference (01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
2(vii)	Evaluation of expressions: 1 st Expression output:	1 st Expression correctly evaluated (01)	Wrong/Irrelevant answer(0)				

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	2 nd Expression output:	2 nd Expression correctly evaluated (01)	Wrong/Irrelevant answer(0)				
OR	Output of given code	Correctly evaluated (02)	Wrong/Irrelevant answer(0)				
2(viii)	Write C program: Statement to declare variables	Correct statement (0.5)	Wrong/Irrelevant answer(0)				
	Statement to take inputs (length & width)	Correct statement (0.5)	Wrong/Irrelevant answer(0)				
	Statement to calculate area	Correct statement (0.5)	Wrong/Irrelevant answer(0)				
	Statement to display Area	Correct statement (0.5)	Wrong/Irrelevant answer(0)				
OR	Description of URL	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Example of URL	Correct example (01)	Wrong/Irrelevant answer(0)				
2(ix)	Output of given code (C)	Correctly evaluated (02)	Wrong/Irrelevant answer(0)				
OR	Output of given code(HTML)	Correctly evaluated (02)	Partially correct evaluated (01)	Wrong/Irrelevant answer(0)			
2(x)	Rewrite the code	Correctly rewritten the code(02)	Partially rewritten (01)	Wrong/Irrelevant answer(0)			
OR	Draw NAND gate	Correct Drawing (01)	Wrong/Irrelevant answer(0)				
	Draw truth table of NAND gate	Correct Drawing (01)	Partially Correct Drawing (0.5)	Wrong/Irrelevant answer(0)			
2(xi)	Output of logic circuit. OR gate:	Correctly evaluated (0.5)	Wrong/Irrelevant answer(0)				

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	NOT gate:	Correctly evaluated (0.5)	Wrong/Irrelevant answer(0)				
	AND gate:	Correctly evaluated (01)	Wrong/Irrelevant answer(0)				
OR	HTML code: For Bold:	Correct statement (01)	Wrong/Irrelevant answer(0)				
	For Underline:	Correct statement (01)	Wrong/Irrelevant answer(0)				
3	Drawing of flowchart to print the multiplication table	Correct five symbols in right order (05)	Correct four symbols in right order (04)	Correct three symbols in right order (03)	Correct two symbols in right order 02)	Correct one symbol (01)	Wrong/Irrelevant answer (0)
OR	Write C program: Statement for header file / declaring variable	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement for loop	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement to calculate square	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement to calculate sum	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement to display Sum	Correct statement (01)	Wrong/Irrelevant answer(0)				
4	Modules of programming Module 1:	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			
	Module 2:	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			
	Module 3:	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			

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	Module 4:	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			
	Module 5:	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			
OR	Purpose of following Escape Sequence: \a	Correct description (1)	Correct example of both(0.5)	Wrong/ Irrelevant answer (0)			
	\\	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\n	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\t	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\b	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
5	Difference between break and continue statements	Any three correct differentiation (03)	Any two correct differentiation (02)	Any one correct differentiation (01)	Wrong/ Irrelevant answer (0)		
	Example of break and continue	Correct examples of both(02)	Correct example of any one(01)	Wrong/ Irrelevant answer (0)			
OR	Difference between Ordered list and Definition list	Any three correct differentiation (03)	Any two correct differentiation (02)	Any one correct differentiation (01)	Wrong/ Irrelevant answer (0)		
	Example of Ordered list and Definition list	Correct examples of both(02)	Correct example of any one(01)	Wrong/ Irrelevant answer (0)			

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6	Simplification by Karnaugh Map Map drawing:	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Map Labeling	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Filling	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Pairing(grouping)	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Find SOP	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Construction of the logic Circuit for the simplified expression	Correct Drawing(2.5)	Partially Correct Drawing (2)	Any relevant Drawing (1)	Wrong/Irrelevant answer(0)		
OR	Description of conditional statement	Correct description (1)	Any relevant statement (0.5)	Wrong/Irrelevant answer(0)			
	Description of any 1 st conditional statement :	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		
	Description of any 2 nd conditional statement :	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		

Note: All the markers must know the solutions of all the question items of the question paper before starting marking.

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SUBJECT: COMPUTER SCIENCE SSC-II (Paper-D)

# / Part #	Criteria	Level 1 (Marks)	Level 2 (Marks)	Level 3 (Marks)	Level 4 (Marks)	Level 5 (Marks)	Level 6 (Marks)
2(i)	Differentiation between unary and binary operators. 1 st Difference :	Any 1 st correct difference(0.5)	Wrong/Irrelevant answer(0)				
	2 nd Difference :	Any 2 nd correct difference(0.5)	Wrong/Irrelevant answer(0)				
	Example of unary operator	Any one correct example(0.5)	Wrong/Irrelevant answer(0)				
	Example of binary operator	Any one correct example (0.5)	Wrong/Irrelevant answer(0)				
OR	Difference between default and case in switch statement 1 st Difference :	Any 1 st correct difference (01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	2 nd Difference :	Any 2 nd correct difference (01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
2(ii)	Description of flowchart	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Drawing of flowchart symbol Symbol 1:	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Symbol 2:	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
OR	Description of Comments	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Symbol for single line comment	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Symbol for multiple line comment	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				

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2(iii)	Correction of any four errors in the given code(C): Correction 1:	Any 1 st correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 2:	Any 2 nd correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 3:	Any 3 rd correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 4:	Any 4 th correct error correction(0.5)	Wrong/Irrelevant answer(0)				
OR	Correct any four errors in the given code(HTML): Correction 1:	Any 1 st correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 2:	Any 2 nd correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 3:	Any 3 rd correct error correction(0.5)	Wrong/Irrelevant answer(0)				
	Correction 4:	Any 4 th correct error correction(0.5)	Wrong/Irrelevant answer(0)				
2(iv)	Role of algorithm Role 1:	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Role 2:	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
OR	Description of High Level Language	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Examples of High Level Language	Any two Correct Examples(01)	Any one Correct Example(0.5)	Wrong/Irrelevant answer(0)			

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2(v)	Output of: 1 st Expression:	Correct Description(01)	Wrong/Irrelevant answer(0)				
	2 nd Expression:	Correct Description(01)	Wrong/Irrelevant answer(0)				
OR	Rewrite the code	Correctly rewritten the code(02)	Partially correct rewritten (01)	Wrong/Irrelevant answer(0)			
2(vi)	Purpose of continue statement in loops	Correct Description(02)	Partially Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		
OR	Drawing of truth table of OR gate	Correct Drawing (01)	Partially Correct Drawing (0.5)	Wrong/Irrelevant answer(0)			
	Drawing of truth table of NOR gate	Correct Drawing (01)	Partially Correct Drawing (0.5)	Wrong/Irrelevant answer(0)			
2(vii)	Evaluation of program: Output of X	Correctly evaluated (01)	Wrong/Irrelevant answer(0)				
	Output of Y	Correctly evaluated (01)	Wrong/Irrelevant answer(0)				
OR	Output of given code	Correctly evaluated (02)	Partially Correct evaluated (1)	Wrong/Irrelevant answer(0)			
2(viii)	Write C program: Statement to take inputs (Number-1 and 2)	Correct statement (0.5)	Wrong/Irrelevant answer(0)				
	Statement to calculate average	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement to display average	Correct statement (0.5)	Wrong/Irrelevant answer(0)				

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OR	Description of Web browser	Correct Description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)			
	Example of URL 1 st Example:	Any 1 st correct example (0.5)	Wrong/Irrelevant answer(0)				
	2 nd Example:	Any 2 nd correct example (0.5)	Wrong/Irrelevant answer(0)				
2(ix)	Output of given code (C)	Correctly evaluated (02)	Partially correct evaluated (01)	Wrong/Irrelevant answer(0)			
OR	Output of given code(HTML)	Correctly evaluated (02)	Partially correct evaluated (1)	Wrong/Irrelevant answer(0)			
2(x)	Output of logic circuit. NOT gate:	Correctly evaluated (0.5)	Wrong/Irrelevant answer(0)				
	AND gate:	Correctly evaluated (0.5)	Wrong/Irrelevant answer(0)				
	OR gate:	Correctly evaluated (01)	Wrong/Irrelevant answer(0)				
OR	HTML code: For background color (yellow):	Correct statement (01)	Wrong/Irrelevant answer(0)				
	For foreground colors (red):	Correct statement (01)	Wrong/Irrelevant answer(0)				
2(xi)	Rewrite the code	Correctly rewritten the code(02)	Partially correct rewritten(01)	Wrong/Irrelevant answer(0)			
OR	Drawing AND gate	Correct Drawing (01)	Wrong/Irrelevant answer(0)				
	Drawing truth table of AND gate	Correct Drawing (01)	Partially Correct Drawing (0.5)	Wrong/Irrelevant answer(0)			

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3	Purpose of Variable	Correct description (1)	Partially correct description (0.5)	Wrong/ Irrelevant answer (0)			
	Rules for Variable naming 1 st Rule:	Correct description (0.5)	Wrong/ Irrelevant answer (0)				
	Example of 1 st Rule	Correct example(0.5)	Wrong/ Irrelevant answer (0)				
	2 nd Rule	Correct description (0.5)	Wrong/ Irrelevant answer (0)				
	Example of 2 nd Rule:	Correct example(0.5)	Wrong/ Irrelevant answer (0)				
	3 rd Rule :	Correct description (0.5)	Wrong/ Irrelevant answer (0)				
	Example of 3 rd Rule	Correct example(0.5)	Wrong/ Irrelevant answer (0)				
	4 th Rule :	Correct description (0.5)	Wrong/ Irrelevant answer (0)				
	Example of 4 th Rule	Correct example(0.5)	Wrong/ Irrelevant answer (0)				
OR	Purpose of following Escape Sequence: \a	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\"	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\n	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\r	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			
	\\	Correct description (1)	Any relevant statement (0.5)	Wrong/ Irrelevant answer (0)			

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4	Differences between while Loop and do while loop	Any three Correct differences (3)	Any two Correct differences (02)	Any One Correct difference(01)	Any relevant statement (0.5)	Wrong/Irrelevant answer (0)	
	Example of while loop	Correct example(01)	Wrong/Irrelevant answer(0)				
	Example of do while loop	Correct example(01)	Wrong/Irrelevant answer(0)				
OR	Difference between Unordered list and Definition list	Any three correct differentiation (03)	Any two correct differentiation (02)	Any one correct differentiation (01)	Any relevant statement (0.5)	Wrong/Irrelevant answer (0)	
	Example of Unordered list and Definition list	Correct examples of both(02)	Correct example of any one(01)	Wrong/Irrelevant answer (0)			
5	Simplification by Karnaugh Map drawing:	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Map Labeling	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Filling	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Pairing(grouping)	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Find SOP	Correct Drawing (0.5)	Wrong/Irrelevant answer(0)				
	Construction of logic Circuit for the simplified expression	Correct Drawing(2.5)	Wrong/Irrelevant answer(0)				
OR	Purpose of if else if	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		
	Syntax of if else if	Correct description (1)	Any relevant statement (0.5)	Wrong/Irrelevant answer(0)			
	Working Example of if else if	Correct Description(02)	Partially Correct description(01)	Any relevant statement(0.5)	Wrong/Irrelevant answer(0)		

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6	Drawing of flowchart to find the factorial of a given number	Correct five symbols in right order (05)	Correct four symbols in right order (04)	Correct three symbols in right order (03)	Correct two symbols in right order (02)	Correct one symbol (01)	Wrong/Irrelevant answer (0)
OR	Write C program: Statement for header file	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement for variable declaration	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement for loop	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement for increment (+3)	Correct statement (01)	Wrong/Irrelevant answer(0)				
	Statement to display output	Correct statement (01)	Wrong/Irrelevant answer(0)				

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