

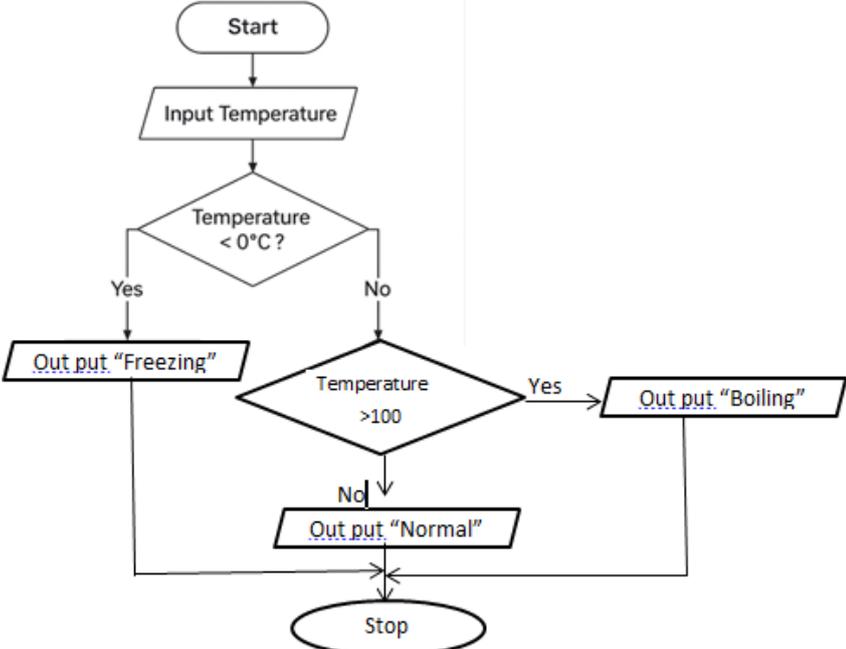
Marking Scheme
Information and Communication Technology 1/11
 Grade 11 Third Term Test - 2025
 (North Central Province Education Department)

Part 1

1	4	11	3	21	3	31	1
2	1	12	2	22	1	32	2
3	3	13	2	23	4	33	1
4	2	14	2	24	1	34	2
5	4	15	1	25	4	35	2
6	1	16	3	26	3	36	3
7	3	17	1	27	3	37	4
8	1	18	2	28	4	38	4
9	2	19	4	29	3	39	3
10	2	20	2	30	2	40	1

Part 11

(1)		Marks 20																																																		
i	Number of Employment appointment / percentage, Number of employment termination / percentage, Total current employment number, Number of appointed employees by each job, Job with the highest population appointment	Marks 2 1*2																																																		
ii	a) CD-R, DVD -R b) Memory card	Marks 2 1*2																																																		
iii	A) RJ 45 conector B) Increased speed, the ability to send messages directly to the relevant computer	Marks 2 1*2																																																		
iv	A) $101011111_2 = 537_8$ B) #EA96C8 (Hexadecimal)	Marks 2 1*2																																																		
v	Yes <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>P</th><th>Q</th><th>P'</th><th>Q'</th><th>P' + Q'</th><th></th><th>P</th><th>Q</th><th>P.Q</th><th>$\overline{P.Q}$</th></tr> </thead> <tbody> <tr> <td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td></td><td>0</td><td>0</td><td>0</td><td>1</td></tr> <tr> <td>0</td><td>1</td><td>1</td><td>0</td><td>1</td><td></td><td>0</td><td>1</td><td>0</td><td>1</td></tr> <tr> <td>1</td><td>0</td><td>0</td><td>1</td><td>1</td><td></td><td>1</td><td>0</td><td>0</td><td>1</td></tr> <tr> <td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td></td><td>1</td><td>1</td><td>1</td><td>0</td></tr> </tbody> </table>	P	Q	P'	Q'	P' + Q'		P	Q	P.Q	$\overline{P.Q}$	0	0	1	1	1		0	0	0	1	0	1	1	0	1		0	1	0	1	1	0	0	1	1		1	0	0	1	1	1	0	0	0		1	1	1	0	(Marks 2) Marks 0.5 Marks 1.5
P	Q	P'	Q'	P' + Q'		P	Q	P.Q	$\overline{P.Q}$																																											
0	0	1	1	1		0	0	0	1																																											
0	1	1	0	1		0	1	0	1																																											
1	0	0	1	1		1	0	0	1																																											
1	1	0	0	0		1	1	1	0																																											
vi	A) True B) True	Marks 2																																																		
vii	A) <input type="checkbox"/> Images / Pictures, Shapes / SmartArt, Videos, Text Boxes/ Tables, Charts / Graphs, Audio Files B) In the normal view, presentations are created by modifying text, images, and other objects, whereas in the Slide show view, only the display of the presentation is possible, and there is no ability to edit it here.	Marks 2 (0.5*2) Marks 1																																																		
viii	For photo editing	Marks 2 (1*2)																																																		
ix	A) A – Element B –Attribute C - Value B) href, Download	Marks 2 (0.5*3= 1.5) 0.5*1=0.5																																																		

x	<p>Give the marks for correct flow chart</p>  <pre> graph TD Start([Start]) --> Input[/Input Temperature/] Input --> D1{Temperature < 0°C?} D1 -- Yes --> O1[Out put "Freezing"] D1 -- No --> D2{Temperature > 100} D2 -- Yes --> O2[Out put "Boiling"] D2 -- No --> O3[Out put "Normal"] O1 --> Stop([Stop]) O2 --> Stop O3 --> Stop </pre>	Marks 2			
(2)		Marks 10			
i	=SUM(B3:E3) , =SUM(B3+C3+D3+E3) , =SUM((B3,C3,D3,E3)	Marks 2			
ii	<p>1.Using fill handle -Select F3 - Select fill handle - Drag the F4 cell 2.using Copy & Paste commands -Select F3 - Give copy command - Select F3 :F4 cell Range -Give Paste Command For any method and step demonstration</p>	Marks 2 (1*2)			
iii	= F3*10/100	Marks 2			
iv	= Max 1(B3:E8) / =Max (B9:E9) = Min(B3:E8) / =Min (B10:E10)	Marks 1 (0.5*2)			
v	<p>-Select the cell range G3:G8 -Format Cell -Number Tab -Number - Formatting the number of decimal places as required -Ok</p>	Marks 2 (1*2)			
vi	=Max(B3:B8, D3:D8)	Marks 1			
(3)		Marks 10			
i.)	Goods Table-- Item_Code Teacher Student Table-- T_Code	Marks 1 (0.5*2)			
ii.	<p>A) Goods Tables B)</p> <table border="1" data-bbox="331 1915 1120 1953"> <tr> <td>N005</td> <td>CCTV Camera</td> <td>01</td> </tr> </table>	N005	CCTV Camera	01	Marks 1 Marks 1
N005	CCTV Camera	01			
iii	a.) Teacher Student Table Goods Delivery Table	Marks 1 (0.5*2)			

	<p>b</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="3" style="text-align: center;">Teacher Student Table</td> </tr> <tr> <td style="width: 33%;">T0085</td> <td style="width: 33%;">Dilneth Perera</td> <td style="width: 33%;">Computer</td> </tr> </table> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="3" style="text-align: center;">Goods Delivery Table</td> </tr> <tr> <td style="width: 33%;">06/07/2025</td> <td style="width: 33%;">N001</td> <td style="width: 33%;">T0085</td> </tr> </table>	Teacher Student Table			T0085	Dilneth Perera	Computer	Goods Delivery Table			06/07/2025	N001	T0085	Marks 2 (1*2)
Teacher Student Table														
T0085	Dilneth Perera	Computer												
Goods Delivery Table														
06/07/2025	N001	T0085												
iv	All the three tables Full marks are awarded only if all three tables are completed correctly or if the names of all three tables are mentioned.	Marks 2 (1*4)												
v	Goods Delivery Table	Marks 2												
(4)		Marks 10												
	A) A- 3, 7, 13, 21, 37 B- 1,2,3,4 (All are correct)	Marks 5 Marks 1												
	B) P - st_no<=150 Q - Marks > = 60 R- "You are selected", S - "You are not selected"	Marks 4 (1*4)												
(05)		Marks 10												
i	A- Identification of requirements B- Coding the solution C- Deployment of the system D- Maintenance of the system	Marks 1 (0.5*2) Marks 1 (0.5*2)												
ii	<ul style="list-style-type: none"> • Storing customer details (name, NIC, account number, deposit type) • Managing account balances, transactions, and credit information • Checking their accounts for customers through the internet • Obtaining Automated Reports and Analytics 	Marks 2 (1*2)												
iii	<ul style="list-style-type: none"> • Checking their accounts for customers through the internet • Obtaining Automated Reports and Analytics • Ability to easily transfer money between accounts. 	Marks 2 (1*2)												
iv	Pilot Deployment	Marks 2												
v	Using password and Data Encryption	Marks 2 (1*2)												

(6)		Marks 10
		Marks 4
A)		Marks 1
1	1. Service of Search Engine	
2	2. Google Drive or relevant answer.	Marks 1
3	3. Opening anonymous/ suspicious e-mails	Marks 1
4	4. Virus infection, personal data leak, system crash <i>etc....2points</i>	Marks 1 (0.5*2)
B)	1) .h1 2) Center 3) b 4) img 5)h3 6)dl	Marks 6
	7) dt 8) dd 9) I 10) Table 11) tr 12) a	(0.5*12)

(7)		Marks 10
A) a	Digital Divided	Marks 1
b	Cyber Crime	Marks 1
c	Digital Bidge	Marks 1
d	Blogs	Marks 1
e	Social meadia	Marks 1
B)		
i)	Cyber crimes	Marks 1
ii	NO, That is unauthorized data theft.	Marks 1
iii)	Using password Using user accounts	Marks 1 (0.5*2)
iv)	Legal Issues	Marks 1
v	Sri Lanka Computer Emergency Readiness Team (CERT)	Marks 1