Information and Communication Technology(20 E)

Part I 2016

Q.No	Answer		Q.No	Answer
1	5		26	4
2	3		27	2
3	2		28	1
4	5		29	4
5	4		30	2
Ģ	3		31	2
7	3		32	3
8	2		33	1
9	2		34	5
10	2	*	35	4
11	2		36	1
12	3		37	1
13	4		38	4
14	1		39	3
15	1		40	4
16	2		41	5
17	1	4	42	4
18	3		43	2
19	4		44	4
20	3		45	3
21	3		46	2
22	2		47	4
23	5		48	1,2
24	2		49	2
25	2		50	4

Information and Communication Technology(20 E) Part II A

2016

	2010	
Q.No	Model Answer	Marks
1 (a)	(i) When clicked on 'Cover Page', the image named 'coverPage.jpg' is displayed on a new page/tab Or Displays a page with the content Cover Page which is a hyper link	1
	(ii) When clicked on 'Content' the document 'content.html' is displayed on the same page/tab overwriting the content on that page or Displays a page with the content Content, which is a hyper link.	1
	(iii) When clicked on the image 'figures.jpg' the document 'figures.html' is displayed on the same page/tab overwriting the content on that page or Displays an image, which is a hyper link	2
1 (b)	External style sheets	1
1 (c)	<pre><style type="text/css"></th><th>1 2</th></tr><tr><td>9</td><td>p{ font-family:"Courier New"; font-size: 14px; }</td><td>2</td></tr><tr><td></td><td></style><td></td></pre>	
	*	

2 (a)	C2C: An individual seller selling the camera online to another individual buyer	1
	B2C: Using the Paypal service	1
2 (b)	To securely complete the online payment process and	2
	Ensure that the seller received the money for the item sold.	2
2 (c)	It may not be possible to inspect the item on sale before agreeing to buy	2
	There is a doubt that the item may not arrive even though the payment is done	2
		1
	2	
	Q, ×	
	S	
	·	

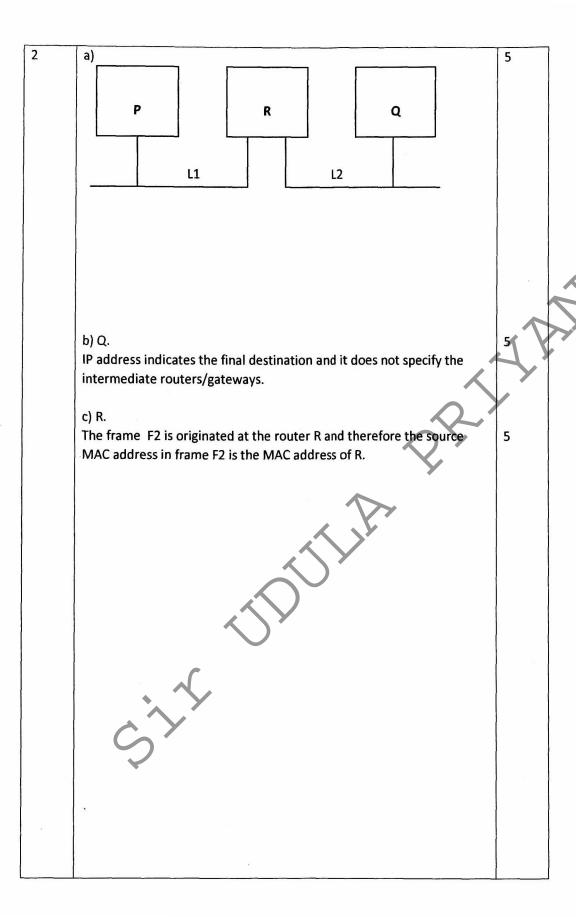
3 (a)	Closed System		1
	(1) Inputs (Water) is available within the sys	stem	2
	(2) Outputs (Oxygen and Hydrogen) release	to the system.	2
2 (1.)			
3 (b)	(1) Accuracy		2
	(2) Efficiency		1
3 (c)	I-P-O similar		1
	Human brain is more intelligent than an information of any other acceptable reason	ation system	1
4 (a)	(i) Nothing	0.	1
	It has a never-ending(infinite) loop	OF	1
	(ii) total = 0 i = 1 while (i <= 10): total = total + i i = i + 1 print(total)		3
4 (b)	Address bus width	= 16 bit	1
	Address size	= 16 bit	1
	Max number of unique addresses possible	= 2 ¹⁶	1
	Max number of bytes addressable	= 2 ¹⁶	1
	Max usable size of memory	$= 2^{16} = 2^6 \times 2^{10}$	1
·	,	= 64 KB	

Information and Communication Technology(20 E)

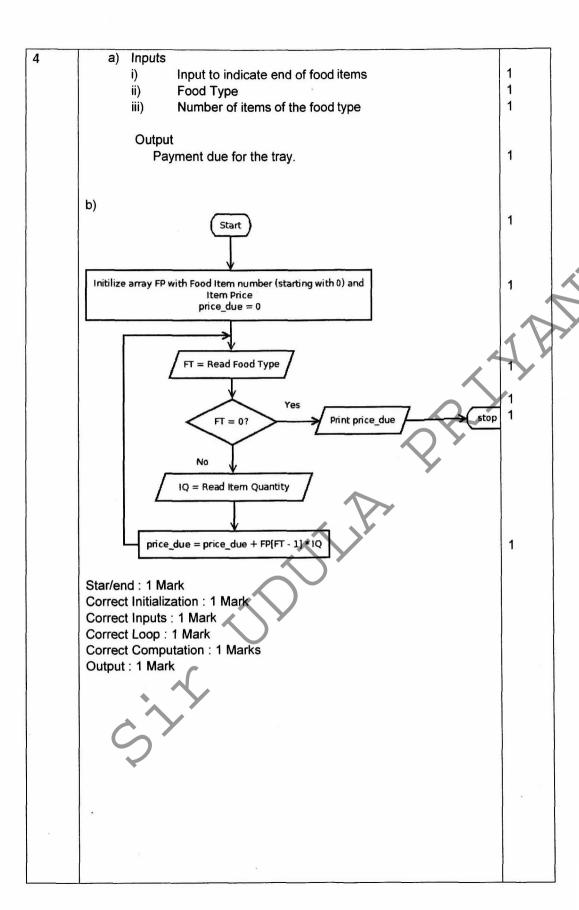
Part II B

2016

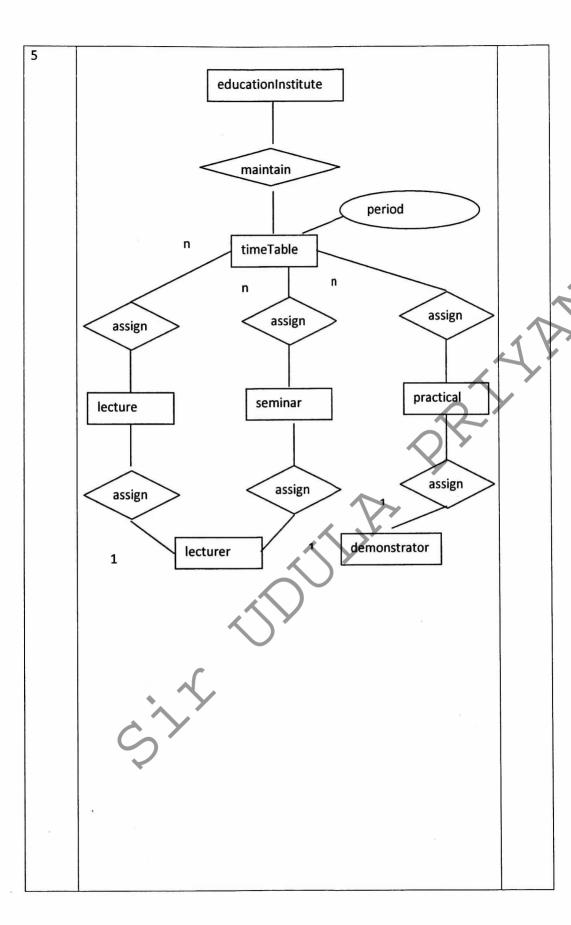
Q.No	Model Answer				Marks
1	Truth ta	ble			
	к1	K2	К3	l L	4
	0	0	0	0	1
	0	0	1	0	
	_ 0	1	0	0	
	0	1	1	1	
	1	0	0	0	
	1 1	0	0	1	
	1	1	1	1	
	, i	•		1 -	^^
	Boolear	n expr	essior	1 *	
	1 - 1/41	V2 V2	. 1/1 1	(2) K2 + K4 K2 K2 + K4 K2 K2	2
	L = K1.	K2.K3	+ K1.1	(2'.K3 + K1.K2.K3' + K1.K2.K3	
	Simplifi	ed Bo	olean	expression	
	L = K1.k	/2 . K	י כע כ	V2 V1	5
	10.00				
	Note : 0	Corre	ct rule	s must be given for 4 marks	
	Circuit	using	basic (gates (not necessary for the answer)	
	K1 K2 K3				-
	Circuit using giv	ven ga	ites		
	K1 K2 K	3			3

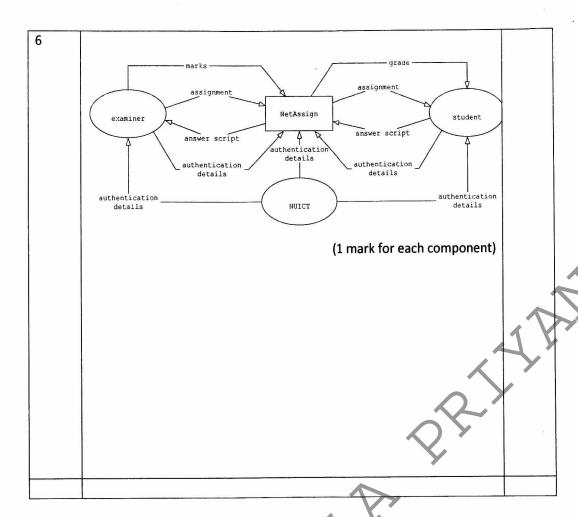


3	a)	B2E – An online service provided by the bank to its employees	2 or 0
	b)	 Manage their personal activities need to be done during work hours without leaving the workplace Get information better and faster, easily 	2
	c)	Yes.	2
		It is expected to enhance their efficiency and satisfaction as it enhances the balance between the employees' work and personal life	4
	d)		. 1
		 Content selection and suggestion Content prioritization Alerting 	1 1
		Q.P.	
		S	



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c)
price_due = 0.0
\mathsf{IP} = [10.00, 12.00, 15.00, 10.00, 25.00, 45.00, 50.00, 25.00, 10.00, 12.00]
FP = int(input("Enter food type:"))
while FT !=0:
        IQ = int(input("Enter item Quantity:"))
        price_due = price_due + FP[FT-1] * IQ
        FT = int(input("Enter food type:"))
print(price_due)
Note:
1 mark : price initialization
1 mark: array initialization
1 mark: input food type and Quantity
1 mark : correct loop
1 mark: correct computation
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