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	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

Model Answer	Marks
 (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
External style sheets	1
<pre><style type="text/css"></td><td>1 2</td></tr><tr><td><pre>p{ font-family:"Courier New"; font-size: 14px; }</pre></td><td>2</td></tr><tr><td></style></pre>	
	 (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 (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. (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 External style sheets <style type="text/css"> h2{</td></tr></tbody></table></style>

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 There is a doubt that the item may not arrive even though the payment is done		

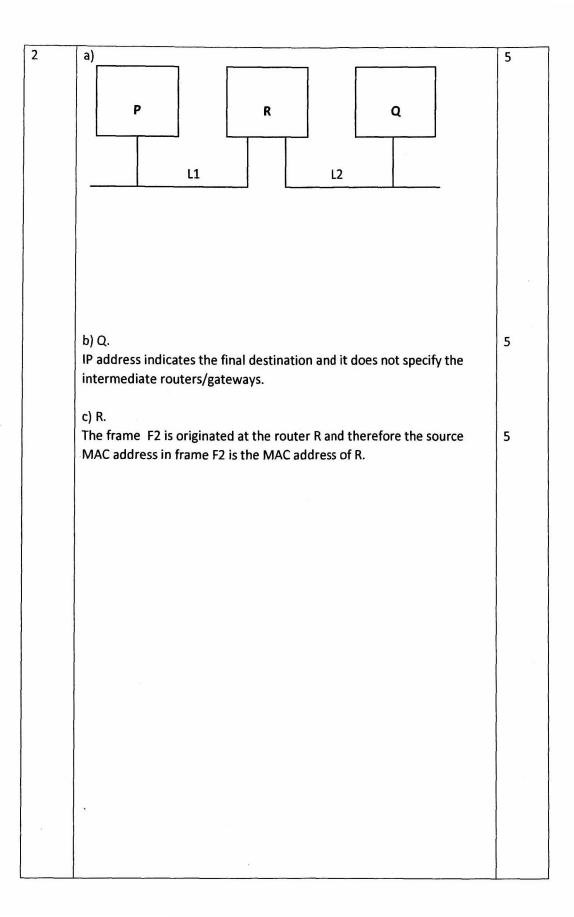
3 (a)	Closed System	1		
	(1) Inputs (Water) is available within the system	2		
	(2) Outputs (Oxygen and Hydrogen) release to the system.	2		
3 (b)				
	(1) Accuracy	2		
	(2) Efficiency	1		
3 (c)	I-P-O similar	1		
	Human brain is more intelligent than an information system Or any other acceptable reason	1		
4 (a)	(i)			
	Nothing	1		
	It has a never-ending(infinite) loop	1		
	(ii) total = 0	3		
ir.	i = 1			
	while (i <= 10):			
	total = total + i i = i + 1			
	print(total)			
4 (b)	Address bus width = 16 bit	1		
1 (2)	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		
ē	= 64 KB	_		

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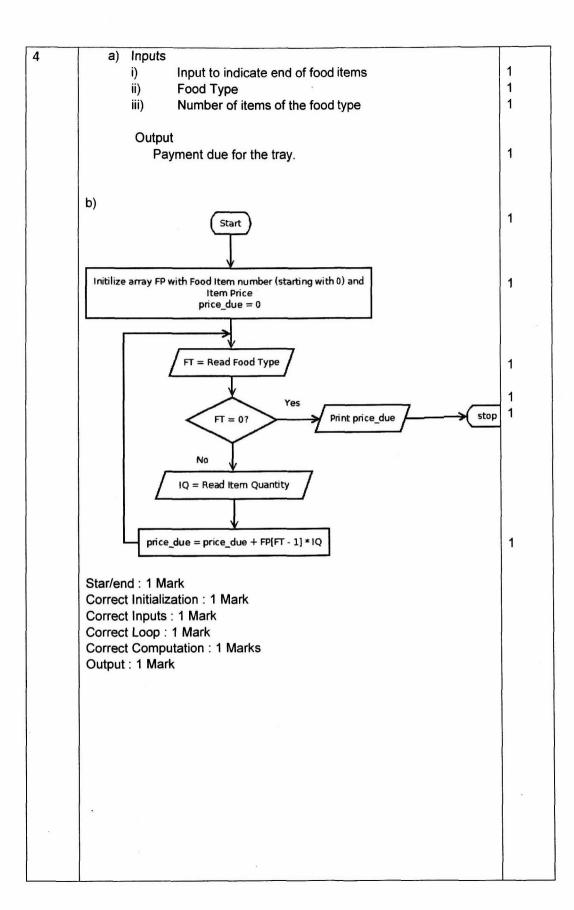
Part II B

2016

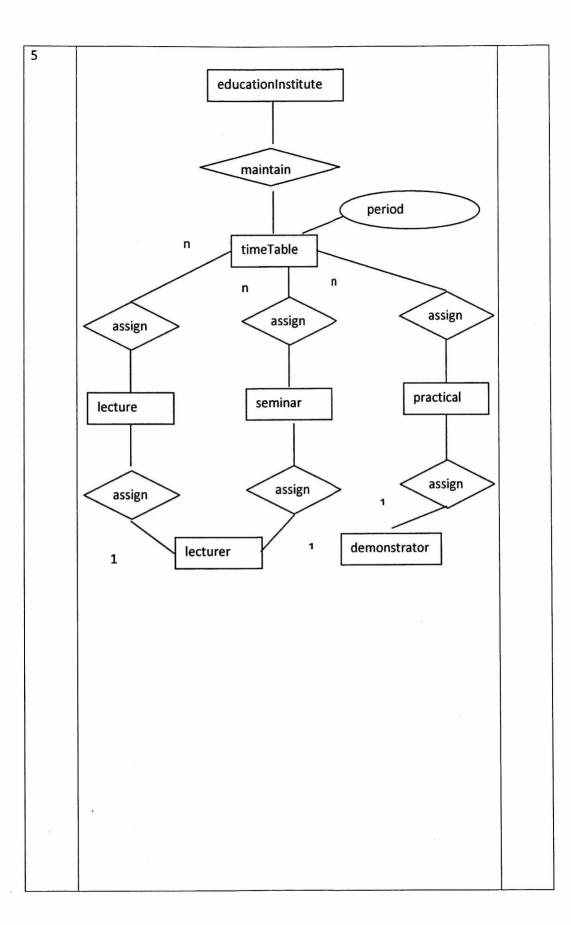
Q.No	Model Answer				Marks
1	Truth table				
	к1	K2 K3	3 L		4
	0	0 0			1
	0	0 1			
]	0	1 0	0		
	0	1 1			
	1	0 0			
	1	0 1			
	1 1	1 0			
	1	1 1	1 1		
	Boolean expression				
	L = K1'.K2	2.K3 + K	1.K2'.K	3 + K1.K2.K3' + K1.K2.K3	2
	Simplified	d Boole	an expr	ession	
	L = K1.K2	+ K2.K3	8 + K3.K	1	5
	Note : Co	orrect ru	iles mu	st be given for 4 marks	
	Circuit us	sing basi	ic gates	(not necessary for the answer)	
	K1 K2 K3) ⊸ ∟	
	Circuit using give	n gates			
	K1 K2 K3)-[)-[)-[3

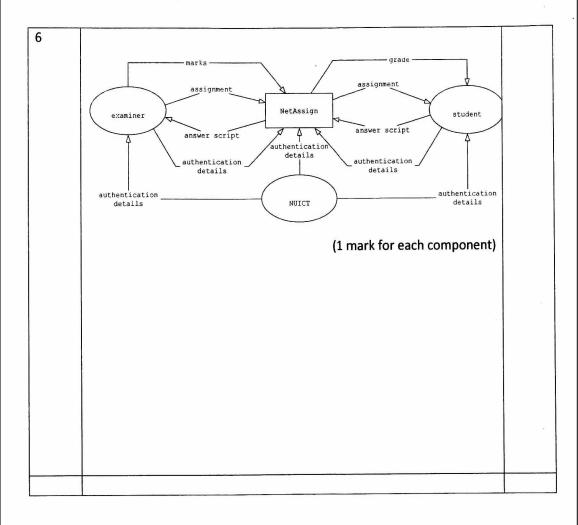


3	a) B2E – An onl	line service provided by the bank to its employees	2 or 0
	hour	ir personal activities need to be done during work rs without leaving the workplace tion better and faster, easily	2
	c) Yes. It is expected to enhances the ballife	to enhance their efficiency and satisfaction as it alance between the employees' work and personal	2
	d) Content sele Content price Alerting	ection and suggestion oritization	1 1 1



```
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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