

Cambridge Technicals

IT

Unit CC: Cloud Technology

Level 3 Cambridge Technical in IT
05877

Mark Scheme for January 2025

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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Question	Answer	Marks						
1	B	1						
2	A	1						
3	A	1						
4	A	1						
5	D	1						
6	FALSE	1						
7	D	1						
8	B, C, D	1						
9	C	1						
10	TRUE	1						
11	B	1						
12	B, C	1						
13	TRUE	1						
14	B	1						
15	TRUE	1						
16	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; padding: 5px;">Elasticity</td> <td style="width: 33%; padding: 5px;">Scalability</td> <td style="width: 33%; padding: 5px;">Both</td> </tr> <tr> <td style="padding: 5px;">C E</td> <td style="padding: 5px;">B D</td> <td style="padding: 5px;">A</td> </tr> </table>	Elasticity	Scalability	Both	C E	B D	A	1
Elasticity	Scalability	Both						
C E	B D	A						

Question	Answer	Marks								
17	D	1								
18	B	1								
19	B, C, E	1								
20	TRUE	1								
21	B	1								
22	C	1								
23	D	1								
24	A, E	1								
25	The service is designed around the needs of users (self service models enable user experience provision)	1								
26	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Cloud Service Model</th> <th style="width: 50%; text-align: center;">Example</th> </tr> </thead> <tbody> <tr> <td>Software-as-a-Service</td> <td>Google Voice</td> </tr> <tr> <td>Platform-as-a-Service</td> <td>Zoho</td> </tr> <tr> <td>Communication-as-a-service</td> <td>Google App engine</td> </tr> </tbody> </table>	Cloud Service Model	Example	Software-as-a-Service	Google Voice	Platform-as-a-Service	Zoho	Communication-as-a-service	Google App engine	1
Cloud Service Model	Example									
Software-as-a-Service	Google Voice									
Platform-as-a-Service	Zoho									
Communication-as-a-service	Google App engine									
27	C	1								
28	B	1								
29	A	1								
30	B	1								

Question	Answer			Marks												
31	<table border="1"> <tr> <td data-bbox="434 229 1032 268">Cloud Vendor</td> <td colspan="2" data-bbox="1032 229 1630 268">Organisation</td> </tr> <tr> <td data-bbox="434 268 1032 306">C</td> <td colspan="2" data-bbox="1032 268 1630 306">A</td> </tr> <tr> <td data-bbox="434 306 1032 344">D</td> <td colspan="2" data-bbox="1032 306 1630 344">B</td> </tr> <tr> <td></td> <td colspan="2" data-bbox="1032 344 1630 383">E</td> </tr> </table>			Cloud Vendor	Organisation		C	A		D	B			E		1
Cloud Vendor	Organisation															
C	A															
D	B															
	E															
32	D			1												
33	D			1												
34	B, D, E			1												
35	A, B, C			1												
36	D			1												
37	Data integration requires high level skills to take data from disparate sources and consolidate them into one database .			1												
38	<table border="1"> <tr> <td data-bbox="434 805 826 844">Vendor Managment</td> <td data-bbox="826 805 1202 844">Business and financial</td> <td data-bbox="1202 805 1579 844">Both</td> </tr> <tr> <td data-bbox="434 844 826 919">C. Cloud Service Manager</td> <td data-bbox="826 844 1202 919">A. Capacity Planner</td> <td data-bbox="1202 844 1579 919">B. Cloud Management</td> </tr> <tr> <td data-bbox="434 919 826 957">D. Vendor Manager</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Vendor Managment	Business and financial	Both	C. Cloud Service Manager	A. Capacity Planner	B. Cloud Management	D. Vendor Manager						1
Vendor Managment	Business and financial	Both														
C. Cloud Service Manager	A. Capacity Planner	B. Cloud Management														
D. Vendor Manager																
39	B			1												
40	A			1												
41	<table border="1"> <tr> <td data-bbox="434 1160 1032 1198">Switch</td> <td colspan="2" data-bbox="1032 1160 1630 1198">Router</td> </tr> <tr> <td data-bbox="434 1198 1032 1236">B, E</td> <td colspan="2" data-bbox="1032 1198 1630 1236">A, C, D</td> </tr> </table>			Switch	Router		B, E	A, C, D		1						
Switch	Router															
B, E	A, C, D															

Question	Answer	Marks								
42	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Type of Software</th> <th style="width: 50%; text-align: center;">Example</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Database</td> <td style="text-align: center;">Web browser</td> </tr> <tr> <td style="text-align: center;">Application</td> <td style="text-align: center;">MySql</td> </tr> <tr> <td style="text-align: center;">Operating System</td> <td style="text-align: center;">Linux</td> </tr> </tbody> </table>	Type of Software	Example	Database	Web browser	Application	MySql	Operating System	Linux	1
Type of Software	Example									
Database	Web browser									
Application	MySql									
Operating System	Linux									
43	Virtualisation is the process of creating an abstraction layer over computer hardware that allows the physical elements such as the processors, memory and storage of a single computer to be shared between multiple virtual computers.	1								
44	C, D, E	1								
45	FALSE	1								
46	<table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 33%; text-align: center;">Corporate</td> <td style="width: 33%; text-align: center;">Consumer</td> <td style="width: 33%; text-align: center;">Both</td> </tr> <tr> <td style="text-align: center;">A, B, D,</td> <td style="text-align: center;">C,</td> <td style="text-align: center;">E</td> </tr> </tbody> </table>	Corporate	Consumer	Both	A, B, D,	C,	E	1		
Corporate	Consumer	Both								
A, B, D,	C,	E								
47	FALSE	1								
48	B	1								
49	C	1								
50	B D	1								
51	B	1								
52	C	1								
53	C	1								
54	A, B	1								
55	A	1								

Question	Answer	Marks
56	4, 1, 3, 2	1
57	A	1
58	B	1
59	A	1
60	FALSE	1
61	B	1
62	A	1
63	C	1
64	A	1
65	FALSE	1
66	A	1
67	3, 2, 4, 1	1
68	B	1
69	A, C	1
70	D	1

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