Cambridge Technicals IT

Unit CC: Cloud Technology

Level 3 Cambridge Technical in IT
05877

Mark Scheme for January 2023

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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.

Question	Answer	Marks
1	D	1
2	C	1
3	C	1
4	C	1
5	D	1
6	B	1
7	A, B, C	1
8	B	1
9	D	1
10	C	1
11	True	1
12	A	1
13	True	1
14	C, D	1
15	B	1
16	B, C, D	1
17	True	1
18	C	1

Question	Answer	Marks
19	B	1
20	B, D, E	1
21	A, E, F	1
22	D	1
23	False	1
24	C	1
25	A	1
26	B	1
27	A	1
28	A, B	1
29	C	1
30	C	1
31	C	1

Question	Answer	Marks
32	IaaS – Load balancers, firewalls PaaS – Programming languages, frameworks, editors SaaS – Social networks, video processing, CRM	1
33	A	1
34	In a PaaS environment, the **cloud vendor** provides the **platform** to develop on and the **organisation** is responsible for developing their **applications**.	1
35	D	1
36	<table><tr><th>Cloud Vendor</th><th>Organisation</th></tr><tr><td>C D E F</td><td>A B</td></tr></table>	1
37	D	1
38	<table><tr><th>Cloud Architect</th><th>Cloud Service Manager</th><th>Both</th></tr><tr><td>B D</td><td>A E</td><td>C</td></tr></table>	1
39	B	1
40	B	1

Question	Answer	Marks
41	- Build a migration plan - Engage a cloud partner - Create an inventory of the infrastructure - Prepare environment - Move services into cloud	1
42	False	1
43	A	1
44	A	1
45	B	1
46	C, D, E	1
47	A, B	1
48	A	1
49	C	1
50	False	1
51	C	1
52	<table><tr><th>Edit</th><th>View</th><th>Both</th></tr><tr><td>B E</td><td>C</td><td>A D</td></tr></table>	1
53	A, B	1

Question	Answer	Marks
54	D	1
55	B	1
56	D	1
57	D	1
58	System Availability – The amount of time that a user is able to gain access to cloud resources Mean Time Between Failure – The amount of time that a component will work for Throughput – The average data rate that is achievable of a given time period	1
59	True	1
60	Discussions between the cloud vendor and customer Discussions between the senior management of the cloud vendor and customer Independent mediation Legal intervention	1
61	In a multi-tenant application deployment, a **dedicated** share of the application **processing** time is allocated to each **customer** and the data is kept **private** from other companies accessing the same application.	1
62	C	1
63	B	1

Question	Answer				Marks
64	**Cloud Provider**	**Customer**	**Both**		1
	B E	C	A D		
65	False				1
66	A, D, E				1
67	A				1
68	A				1
69	A				1
70	True				1

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