OCR
Oxford Cambridge and RSA

Cambridge Technicals
IT

Unit: **Cloud Technology**

Level 3 Cambridge Technical in IT

Mark Scheme for January 2022

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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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<table>
<tr><th>Question</th><th>Answer</th><th>Marks</th></tr>
<tr><td>1</td><td>B</td><td>1</td></tr>
<tr><td>2</td><td>TRUE</td><td>1</td></tr>
<tr><td>3</td><td>CPU – Groups of individual processing cores.
Physical Server – Networked servers installed with operating systems and other required programs
Network – Different pre-configured connectivity devices</td><td>1</td></tr>
<tr><td>4</td><td>A, C, E</td><td>1</td></tr>
<tr><td>5</td><td>D</td><td>1</td></tr>
<tr><td>6</td><td>A</td><td>1</td></tr>
<tr><td>7</td><td>B, C</td><td>1</td></tr>
<tr><td>8</td><td>A</td><td>1</td></tr>
<tr><td>9</td><td>A, B</td><td>1</td></tr>
<tr><td>10</td><td>FALSE</td><td>1</td></tr>
<tr><td>11</td><td>A, C, E</td><td>1</td></tr>
<tr><td>12</td><td>Hacking – Gaining unauthorised access to a computer system
Insider threat – Possible attack that comes from an employee
Shoulder surfing – Visual social engineering attack</td><td>1</td></tr>
<tr><td>13</td><td>TRUE</td><td>1</td></tr>
<tr><td>14</td><td>B</td><td>1</td></tr>
<tr><td>15</td><td>B</td><td>1</td></tr>
<tr><td>16</td><td>C</td><td>1</td></tr>
<tr><td>17</td><td>TRUE</td><td>1</td></tr>
<tr><td>18</td><td><table><tr><th>Cloud Computing</th><th>Outsourcing</th><th>Both</th></tr><tr><td>B</td><td>E</td><td>A
C
D</td></tr></table></td><td>1</td></tr>
<tr><td>19</td><td>B, D, E</td><td>1</td></tr>
<tr><td>20</td><td>Variable</td><td>1</td></tr>
<tr><td>21</td><td>D</td><td>1</td></tr>
<tr><td>22</td><td>Minimised</td><td>1</td></tr>
</table>

<table>
<tr><th>Question</th><th>Answer</th><th>Marks</th></tr>
<tr><td>23</td><td>A</td><td>1</td></tr>
<tr><td>24</td><td>B</td><td>1</td></tr>
<tr><td>25</td><td>B</td><td>1</td></tr>
<tr><td>26</td><td>B, C, D</td><td>1</td></tr>
<tr><td>27</td><td>A</td><td>1</td></tr>
<tr><td>28</td><td>D</td><td>1</td></tr>
<tr><td>29</td><td>SaaS – A service made available as a product or generic utility
PaaS – A ready-to-use environment of already deployed and configured IT services
IaaS – A self-contained IT environment that can be accessed and managed via cloud services</td><td>1</td></tr>
<tr><td>30</td><td>C</td><td>1</td></tr>
<tr><td>31</td><td>B</td><td>1</td></tr>
<tr><td>32</td><td>B</td><td>1</td></tr>
<tr><td>33</td><td>A</td><td>1</td></tr>
<tr><td>34</td><td><table><tr><th>Managed by Client</th><th>Managed by Cloud Provider</th></tr><tr><td>A
B
E
G
H</td><td>C
D
F
I</td></tr></table></td><td>1</td></tr>
<tr><td>35</td><td><table><tr><th>IaaS</th><th>PaaS</th><th>Both</th></tr><tr><td>C
D
E</td><td></td><td>A
B</td></tr></table></td><td>1</td></tr>
<tr><td>36</td><td>D</td><td>1</td></tr>
<tr><td>37</td><td>B</td><td>1</td></tr>
<tr><td>38</td><td>D</td><td>1</td></tr>
<tr><td>39</td><td>B</td><td>1</td></tr>
</table>

Question	Answer	Marks
40	A	1
41	C	1
42	B	1
43	A	1
44	B	1
45	A, D, E	1
46	A	1
47	Cloud storage involves stashing data on hardware in a **remote** physical location, which can be accessed from any **device** via the **internet.**	1
48	C	1
49	A	1
50	B	1
51	FALSE	1
52	B, D	1
53	C	1
54	Download software Run software Provide authorisation credentials Transfer files	1
55	B	1
56	A	1
57	A	1
58	Set up a pilot programme Identify cloud service opportunities based on business needs Review results from pilot Modify any technical and financial elements to enable adoption	1
59	A, B	1
60	B	1
61	C	1
62	TRUE	1
63	B	1
64	FALSE	1
65	D	1
66	FALSE	1
67	D	1

Question	Answer	Marks
68	A	1
69	C	1
70	A	1

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