I. Read the following passage and answer the questions that follow. 5 Marks

Cloud computing security refers to the set of procedures, processes and standards designed to provide information security assurance in a cloud computing environment. Cloud computing provides a lot of benefits to organizations of all sizes. In a small and mid-sized business, cloud computing allows time-constrained IT teams to operate more efficiently. For large business, the cloud provides the ability to scale up or down to respond quickly to market conditions.

Cloud computing security addresses both physical and logical security issues across all the different service models of software, program and connections. It also teaches how these services are delivered in all the public, private or hybrid delivery models. Cloud security includes a broad range of security constraints from an end-user and cloud provider's point of view. The end-user will mostly be concerned with the provider's security policy, how and where their data is stored and who has access to that data.

For a cloud provider, on the other hand, cloud computer security issues can range from the physical security of the connections and the access control system of cloud resources, to the carrying out and protection of security policy. Cloud security is important because it is probably the biggest reason why organizations fear the cloud. The Cloud Security Alliance (CSA), a non-profit organization of industry specialists, has developed a group of guidelines and frameworks for using and applying security within a cloud operating environment.

A. Answer the following questions. 2 x 1 = 2 M

1. What does cloud computing security refer to?
2. Why is cloud security important?

______________________________________________________________________________
______________________________________________________________________________

B. Complete the missing words in the following sentences.

1. Cloud computing security addresses both __________________ and __________________ security issues across all the different service models of software, program and connections.

2. Cloud security includes a broad range of security constraints from an __________________________ and ________________________________________________.

C. Mark ☑ “T” for True or “F” for False statements.

1. Cloud computing provides a lot of benefits to universities of all sizes. T ☐ / F ☐

2. The Cloud Security Alliance is a profit organization of industry. T ☐ / F ☐

II. Read the text and answer the questions. 5 Marks

Wireless networks have limited range. Network range depends on the type of 802.11 protocol, strength of the device transmitter and the architecture of the surrounding areas. Some structures, such as walls and metal frames, reduce the range of a WAN by 25%. However, users can extend the range of a WLAN. Repeaters forward the wireless signal to accept points or routers and increase the range of a network.

Bandwidth and latency are the measures of computer network speed, or data transfer rate. Bandwidth is the maximum throughput of data in bits per second. Some modems support 100G bits but speed depends on the hardware and software used. Latency is the delay that network creates during the transfer data. Users have no, or very little, control over bandwidth and latency.
D. Answer these questions.  

1. Do wireless networks have limited range?  

______________________________________________________________________________

2. What does the network range depend on?  

______________________________________________________________________________

3. How is the range of a WLAN reduced?  

______________________________________________________________________________

4. What are the two measures of the computer network speed?  

______________________________________________________________________________

______________________________________________________________________________

5. What is the maximum throughput of data in bits per second?  

______________________________________________________________________________

E. Name the pictures with the words from the list.  

6 x ½ = 3M

<table>
<thead>
<tr>
<th>hard disk</th>
<th>external hard drive</th>
<th>mp3 player</th>
</tr>
</thead>
<tbody>
<tr>
<td>server</td>
<td>the Internet</td>
<td>USB flash</td>
</tr>
</tbody>
</table>

III. Answer the following vocabulary based questions.  

10 Marks

E. Name the pictures with the words from the list.  

6 x ½ = 3M

<table>
<thead>
<tr>
<th>1)</th>
<th>2)</th>
<th>3)</th>
<th>4)</th>
<th>5)</th>
<th>6)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1.png" alt="USB flash" /></td>
<td><img src="image2.png" alt="hard disk" /></td>
<td><img src="image3.png" alt="mp3 player" /></td>
<td><img src="image4.png" alt="external hard drive" /></td>
<td><img src="image5.png" alt="server" /></td>
<td><img src="image6.png" alt="the Internet" /></td>
</tr>
</tbody>
</table>
F. Match the events to the years.  

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>ANSwerS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. The start of Facebook</td>
<td>b) 1990</td>
<td>2.</td>
</tr>
<tr>
<td>3. The launch of Twitter</td>
<td>c) 2003</td>
<td>3.</td>
</tr>
</tbody>
</table>

G. Complete the sentences using the words from the list.  

<table>
<thead>
<tr>
<th>between</th>
<th>on</th>
<th>over</th>
<th>to</th>
<th>with</th>
</tr>
</thead>
</table>

1. Is this software compatible _________ this computer?
2. A LAN connects devices _________ a small area.
3. Is the computer connected _________ the modem?
4. The LAN allows you to share information _________ users.
5. Why don’t you look _________ the internet?

H. Complete this dialogue with the words in the box.  

<table>
<thead>
<tr>
<th>bank</th>
<th>completes</th>
<th>gateway</th>
<th>payment</th>
<th>rejection</th>
<th>web</th>
</tr>
</thead>
</table>

Mariam: Can you explain how a customer _________________ an online transactions?

Agatha : OK. It’s very easy. First, the customer will place an order. The seller’s

_______________ server will confirm availability of the product and send a
response. After that, the customer checks out and completes the _________________
instructions. Then the server will send a payment request to a payment

_______________ . The payment gateway will check the buyer’s ability to pay

with the _________________.

Form: A - Page 4 of 7  

Student ID: [students ID]

Thank you for submitting your examination materials. Please ensure all pages are included. Should you have further questions, please contact the examination office.
A. Complete the sentences. Use “should” or “shouldn’t”.  

1. People ________________ be cruel to animals.
2. Life is short. We ________________waste it.
3. Your father ________________consult a dentist.
4. You ________________smoke.

B. Correct the errors. 

1. I walk in the park every days.
   __________________________________________________________________________

2. Mr. Jones teaches English very good.
   __________________________________________________________________________

C. Complete the sentences. Use two, too or to. 

1. I walked __________ school today. Alex walked __________ school today __________.
2. I have __________ apples. Ken wants __________ have apples __________.

D. Complete the sentences with [at, on or in]. 

1. Ali is ________ the bookstore.
2. She is in the auditorium ________ 8 o’clock.
3. National day is ________ Monday.
4. I am ________my room.

E. Make yes / no questions. Give short answers too. 

1. ______________________________________________________________
   __________________________________________________________________ (Salma can’t speak French.)

2. ______________________________________________________________
   __________________________________________________________________ (I can whistle.)
A. Combine the pairs of sentences using “after” or “before”.  
1. First I go to school. Then I have coffee with my friends.

2. First I go to the gym. Then I do my homework.

3. First I read my son a story. Then I put him to bed.

B. Write a short message to your friend congratulating her on getting the first rank in the university examination.

You did it!

Congratulations!!!

<table>
<thead>
<tr>
<th>Rubrics</th>
<th>Assigned Mark</th>
<th>Awarded Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Salutation</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>Closing Salutation</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>Relevance of Message</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
C. Read the given steps, arrange them in time order and write a paragraph using the arranged steps.  

5 M

(a) Write TS for topic sentence and then number the supporting sentences in correct time order.  

6 x ½ = 3 M

______ After that, strain the tea into a cup.
______ Quickly, switch off the water boiler before it reaches the boiling point.
______ First, heat 1 cup of water.
______ Finally, add honey and a few drops of lemon juice to taste and enjoy it hot.
______ Making green tea is easy.
______ Next, add 1 teaspoon of green tea and brew it for about 2-3 minutes.

(b) Write the arranged sentences in paragraph form and give a suitable title.  

2 M

Making green tea is easy. First, heat 1 cup of water. Next, add 1 teaspoon of green tea and brew it for about 2-3 minutes. Finally, add honey and a few drops of lemon juice to taste and enjoy it hot. Making green tea is easy. After that, strain the tea into a cup. Quickly, switch off the water boiler before it reaches the boiling point.

<table>
<thead>
<tr>
<th>Rubrics</th>
<th>Assigned Mark</th>
<th>Awarded Mark</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rearranging steps in order</td>
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<td></td>
</tr>
<tr>
<td>Title</td>
<td>½</td>
<td></td>
</tr>
<tr>
<td>Indentation, period, and</td>
<td>1½</td>
<td></td>
</tr>
<tr>
<td>Capitalization</td>
<td></td>
<td></td>
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</table>