Instructions:
1. Paste printout of questions in your register.
2. Write answers of questions 1, 2 and 3 in class notebook/copy and answers 4 and 5 in print outs.
3. Submission date: 23rd Sep, 2018
4. Total Marks: 40

Q1. Define the following terms: (5)
Bluetooth, back up, Virtual memory, convergence, user interface

Q2. Write three advantages and two disadvantages of following user interfaces: (20)
a. Command Line Interface
b. Graphical User Interface
c. Menu Driven Interface
d. Voice Interface

Q3. On what factors performance of a computer depends? (2)

Q4. The following Diagram shows part of the directory of a computer system. Draw a line to identify: (3)
• a folder  • a subfolder  • a fixed storage device  • a removable storage device.
The removable storage device has been done for you.

Q5. The table shows the specifications of two laptop computers.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Laptop A</th>
<th>Laptop B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Processor speed</td>
<td>2.2 GHz, 800 MHz, 1 Mb cache</td>
<td>1.6 GHz, 333 MHz, 512 Kb cache</td>
</tr>
<tr>
<td>Hard drive</td>
<td>250 Gb</td>
<td>160 Gb</td>
</tr>
<tr>
<td>Screen size</td>
<td>15.6 inches</td>
<td>10.1 inches</td>
</tr>
<tr>
<td>Operating system</td>
<td>Genuine Windows Vista Home Premium</td>
<td>Genuine Windows 7 Home Premium</td>
</tr>
<tr>
<td>Wireless enabled</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Webcam</td>
<td>No</td>
<td>1.3 MP</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Battery life</td>
<td>2 hours</td>
<td>6 hours</td>
</tr>
<tr>
<td>Weight</td>
<td>2.9 kg</td>
<td>1.3 kg</td>
</tr>
</tbody>
</table>
(a) Laptop A has a 250 Gb hard drive. State what is meant by Gb in this context.  

(b) Joe Bennett is a salesman. He makes long journeys by train as part of his job. His company offers him the choice of Laptop A or Laptop B.

(i) Name three features of the specification of Laptop B that make it more suitable for Joe than Laptop A.  

Feature 1  
Feature 2  
Feature 3  

(ii) For each of the three features, explain why Laptop B is more suitable for Joe.  

Explanation of Feature 1  

Explanation of Feature 2  

Explanation of Feature 3  