**Cloud Computing – Sample class test**

1. Name and summarise the seven characteristics of cloud computing:

|  |  |
| --- | --- |
| Name | Summary |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |
| 7. |  |

2. What is the difference between a public and a private cloud?

3. For each layer of the cloud computing stack, state what is the service on offer, when does it make sense to use this service, and when does it not make sense:

**IaaS**

|  |  |
| --- | --- |
| Services: |  |
| Makes sense when: |  |
| Does not make sense when: |  |

**PaaS**

|  |  |
| --- | --- |
| Services: |  |
| Makes sense when: |  |
| Does not make sense when: |  |

**SaaS**

|  |  |
| --- | --- |
| Services: |  |
| Makes sense when: |  |
| Does not make sense when: |  |

4. List 6 benefits cloud computing can bring to a country like Ireland:

|  |  |
| --- | --- |
| 1. |  |
| 2. |  |
| 3. |  |
| 4. |  |
| 5. |  |
| 6. |  |

5. Service level agreements

|  |  |
| --- | --- |
| 1. Warranty | * What is it? * Do companies generally guarantee warranty? |
| 1. Liability | * What is it? * Do companies generally accept liability? |
| 1. Data protection | * What is it? * Who is liable if there is a security breach of your data hosted by a cloud provider? * Is Data Protection legislation similar across EU countries? * Is Data Protection legislation similar in non EU countries? |