| **Q.# /Part #** | **Criteria**  | **Level 1 (Marks)** | **Level 2 (Marks)** | **Level 3 (Marks)** | **Level 4 (Marks)** | **Level 5 (Marks)** |
| --- | --- | --- | --- | --- | --- | --- |
| **2 (i)** | **Difference between Shareware and Freeware** | **Correct description of difference (03)** | **Partially Correct description of difference (02)** | **Any relevant information (01)** | **Wrong (0)** |  |
| **(ii)** | **Explanation of Minicomputer** | **Correct explanation of Minicomputer (1.5)** | **Partially correct explanation (1)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| **Explanation of Microcomputer** | **Correct explanation of Microcomputer (1.5)** | **Partially correct explanation (1)** | **Any correct information (0.5)** | **Wrong (0)** |  |
| **(iii)** | **Difference between Volatile and Non-Volatile memories** | **Any three correct differences (03)** | **Any two correct differences (02)** | **Any one correct difference (01)** | **Wrong (0)** |  |
| **(iv)** | **Definition of RAM** | **Correct definition (01)** | **Partially correct (0.5)** | **Wrong (0)** |  |  |
| **Difference between Static and dynamic RAM** | **Any two correct differences (02)** | **Any one correct difference (01)** | **Wrong (0)** |  |  |
| **(v)** | **Labeling of diagram to depict the working of ALU** | **All three correct labels (03)** | **Any two correct labels (02)** | **Any one correct label (01)** | **Wrong (0)** |  |
| **(vi)** | **Names of special purpose registers** | **Correct four names (02)** | **Correct any three names (1.5)** | **Correct any two names (01)** | **Correct any one name (0.5)** | **Wrong (0)** |
| **Working of any one special purpose register** | **Correct working of any one special purpose register (01)** | **Partially correct working (0.5)** | **Wrong (0)** |  |  |
| **(vii)** | **Explanation of any two System buses** | **Correct explanation of any two system buses(03)** | **Partially Correct explanation of any two system buses(02)** | **Correct explanation of any one system bus(01)** | **Any relevant information(0.5)** | **Wrong (0)** |
| **(viii)** | **Importance of Cooling system in Computer** | **Correct explanation of importance (03)** | **Partially correct explanation (1.5)** | **Any relevant information (01)** | **Wrong (0)** |  |
| **(ix)** | **Labeling of diagram of Coaxial cable** | **All three correct labels (03)** | **Any two correct labels (02)** | **Any one correct label (01)** | **Wrong (0)** |  |
| **(x)** | 1. **Use of Table in Access**
 | **Correct use (01)** | **Partially correct use (0.5)** | **Wrong (0)** |  |  |
| 1. **Use of Query in Access**
 | **Correct use (01)** | **Partially correct use (0.5)** | **Wrong (0)** |  |  |
| 1. **Use of Report in Access**
 | **Correct use (01)** | **Partially correct use (0.5)** | **Wrong (0)** |  |  |
| **(xi)** | 1. **Description of PROM**
 | **Correct description (1.5)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of EPROM**
 | **Correct description (1.5)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| **(xii)** | **Difference between WiFi and WiMax** | **Any three correct differences (03)** | **Any two correct differences (02)** | **Any one correct difference (01)** | **Wrong (0)** |  |
| **(xiii)** | **Definition of GPS** | **Correct definition (01)** | **Partially correct definition (0.5)** | **Wrong (0)** |  |  |
| **Importance of GPS in wireless communication** | **Description of correct importance (02)** | **Description of partially correct importance (01)** | **Wrong (0)** |  |  |
| **(xiv)** | 1. **E-R diagram**
 | **Correct E-R diagram (2)** | **Partially Correct E-R diagram (1)** | **Wrong (0)** |  |  |
| 1. **Identification of Cardinalities**
 | **Identification of correct Cardinalities (1)** | **Identification of Partially correct Cardinalities (0.5)** | **Wrong (0)** |  |  |
| **(xv)** | 1. **Transform Entities**
 | **Correct transformation of Entities (2)** | **Partially Correct transformation of Entities (1)** | **Wrong (0)** |  |  |
| 1. **Transform Relationship**
 | **Correct Relationship (1)** | **Partially Correct Relationship (0.5)** |  |  |  |
| **(xvi)** | **Definition, purpose and Example of Query** | **Correct definition, purpose and example of query (03)** | **Any two aspects (2)** | **Any one aspect (1)** | **Any relevant information (0.5)** | **Wrong(0)** |
| **Q.3**  | 1. **Description of BIOS**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Memory slot**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Disk controller**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Expansion slot**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| **Q. 4**  | **Definition of OSI Model** | **Correct definition (01)** | **Partially correct definition (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 1** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 2** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 3** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 4** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 5** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 6** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Correct Protocols and Devices used on Layer 7** | **Correct name of layer with correct Protocol and Devices used (01)** | **Correct name of layer with correct Protocol OR Devices used (0.5)** | **Wrong (0)** |  |  |
| **Q. 5** | 1. **Description of LCD monitor**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Dot matrix printer**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Inkjet printer**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| 1. **Description of Plotter**
 | **Correct description (02)** | **Partially correct description (01)** | **Any relevant information (0.5)** | **Wrong (0)** |  |
| **Q. 6** | 1. **List of Entities**
 | **List of three correct entities (03)** | **List of two correct entities (02)** | **List of one correct entity (01)** | **Wrong (0)** |  |
| 1. **List of Attributes for each Entity**
 | **List of all Attributes for three Entities (01)** | **List of all Attributes for one/two Entities (0.5)** | **Wrong (0)** |  |  |
| 1. **ER diagram with assignment of cardinalities**
 | **Correct ER diagram with assignment of cardinalities (04)** | **Partially Correct ER diagram with assignment of cardinalities (03)** | **Correct ER diagram without assignment of cardinalities (02)** | **Partially Correct ER diagram without assignment of cardinalities (01)** | **Wrong(0)** |