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| Question                    |                         |                                         |                                                                  |                 | Knowledge Areas     |                        |                     |           |                      |                      |                 | % of Paper  |
|-----------------------------|-------------------------|-----------------------------------------|------------------------------------------------------------------|-----------------|---------------------|------------------------|---------------------|-----------|----------------------|----------------------|-----------------|-------------|
|                             | LO                      | MO                                      | HO                                                               |                 |                     |                        |                     |           |                      |                      |                 |             |
|                             | 30%                     | 40%                                     | 40%                                                              |                 |                     |                        |                     |           |                      |                      |                 |             |
|                             | Understanding Knowledge | Applying Knowledge in familiar Contexts | Reasoning & Reflecting Applying Knowledge in unfamiliar contexts | Question Totals | System Technologies | Information Management | Social Implications | Internet  | Network Technologies | Solution Development | Question Totals |             |
|                             | 30%                     | 40%                                     | 30%                                                              |                 | 40%                 | 10%                    | 10%                 | 10%       | 10%                  | 20%                  | 100%            |             |
| <b>SECTION A (25 Marks)</b> |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| <b>Question 1.1</b>         |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| 1.1.1                       |                         |                                         | 1                                                                | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 1.1.2                       |                         |                                         | 1                                                                | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 1.1.3                       |                         | 1                                       |                                                                  | 1               |                     |                        |                     |           | 1                    |                      | 1               | 0,7         |
| 1.1.4                       | 1                       |                                         |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 1.1.5                       |                         | 1                                       |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| <b>Question 1.2</b>         |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| 1.2.1                       |                         |                                         | 2                                                                | 2               |                     |                        | 2                   |           |                      |                      | 2               | 1,3         |
| 1.2.2                       |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 1.2.3                       |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 1.2.4                       |                         |                                         | 2                                                                | 2               |                     |                        |                     | 2         |                      |                      | 2               | 1,3         |
| 1.2.5                       |                         |                                         | 2                                                                | 2               |                     |                        |                     |           | 2                    |                      | 2               | 1,3         |
| <b>Total Question 1</b>     | <b>1</b>                | <b>6</b>                                | <b>8</b>                                                         | <b>15</b>       | <b>4</b>            | <b>0</b>               | <b>2</b>            | <b>6</b>  | <b>3</b>             | <b>0</b>             | <b>15</b>       | <b>10</b>   |
| <b>Question 2</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| 2.1                         | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 2.2                         | 1                       |                                         |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 2.3                         |                         |                                         | 1                                                                | 1               |                     |                        |                     |           | 1                    |                      | 1               | 0,7         |
| 2.4                         | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 2.5                         | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 2.6                         | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 2.7                         | 1                       |                                         |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 2.8                         | 1                       |                                         |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| 2.9                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |           | 1                    |                      | 1               | 0,7         |
| 2.10                        |                         | 1                                       |                                                                  | 1               |                     |                        |                     | 1         |                      |                      | 1               | 0,7         |
| <b>Total Question 2</b>     | <b>7</b>                | <b>2</b>                                | <b>1</b>                                                         | <b>10</b>       | <b>4</b>            | <b>0</b>               | <b>0</b>            | <b>4</b>  | <b>2</b>             | <b>0</b>             | <b>10</b>       | <b>7</b>    |
| <b>Total SECTION A</b>      | <b>8</b>                | <b>8</b>                                | <b>9</b>                                                         | <b>25</b>       | <b>8</b>            | <b>0</b>               | <b>2</b>            | <b>10</b> | <b>5</b>             | <b>0</b>             | <b>25</b>       | <b>16,7</b> |
| <b>SECTION B (75 Marks)</b> |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| <b>Question 3</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |           |                      |                      |                 |             |
| 3.1.1                       | 1                       | 1                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.1.2                       | 1                       | 1                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.1.3                       | 1                       | 1                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.1.4                       | 1                       | 1                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.1.5                       | 1                       | 1                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.2.1                       | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.2.2                       |                         | 4                                       |                                                                  | 4               | 4                   |                        |                     |           |                      |                      | 4               | 2,7         |
| 3.3.1                       |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.3.2                       | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.4.1                       |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 3.4.2                       |                         |                                         | 2                                                                | 2               | 2                   |                        |                     |           |                      |                      | 2               | 1,3         |
| 3.5.1 a)                    | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 3.5.1 b)                    | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 3.5.2 a)                    |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| 3.5.2 b)                    |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |           |                      |                      | 1               | 0,7         |
| <b>Total Question 3</b>     | <b>11</b>               | <b>14</b>                               | <b>2</b>                                                         | <b>27</b>       | <b>27</b>           | <b>0</b>               | <b>0</b>            | <b>0</b>  | <b>0</b>             | <b>0</b>             | <b>27</b>       | <b>18</b>   |

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| Question                    |                         |                                         |                                                                  |                 | Knowledge Areas     |                        |                     |          |                      |                      |                 | % of Paper |
|-----------------------------|-------------------------|-----------------------------------------|------------------------------------------------------------------|-----------------|---------------------|------------------------|---------------------|----------|----------------------|----------------------|-----------------|------------|
|                             | LO<br>30%               | MO<br>40%                               | HO<br>40%                                                        |                 |                     |                        |                     |          |                      |                      |                 |            |
|                             | Understanding Knowledge | Applying Knowledge in familiar Contexts | Reasoning & Reflecting Applying Knowledge in unfamiliar contexts | Question Totals | System Technologies | Information Management | Social Implications | Internet | Network Technologies | Solution Development | Question Totals |            |
| <b>Question 4</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| 4.1.1                       |                         | 2                                       |                                                                  | 2               |                     |                        |                     | 2        |                      |                      | 2               | 1,3        |
| 4.1.2                       |                         | 2                                       |                                                                  | 2               |                     |                        |                     | 2        |                      |                      | 2               | 1,3        |
| 4.2.1                       | 2                       |                                         |                                                                  | 2               |                     |                        |                     |          | 2                    |                      | 2               | 1,3        |
| 4.2.2                       | 2                       |                                         |                                                                  | 2               |                     |                        |                     |          | 2                    |                      | 2               | 1,3        |
| 4.2.3                       |                         | 3                                       |                                                                  | 3               |                     |                        |                     |          | 3                    |                      | 3               | 2          |
| 4.2.4                       |                         | 2                                       |                                                                  | 2               |                     |                        |                     |          | 2                    |                      | 2               | 1,3        |
| 4.3                         |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| <b>Total Question 4</b>     | <b>4</b>                | <b>11</b>                               | <b>0</b>                                                         | <b>15</b>       | <b>2</b>            | <b>0</b>               | <b>0</b>            | <b>4</b> | <b>9</b>             | <b>0</b>             | <b>15</b>       | <b>9,8</b> |
| <b>Question 5</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| 5.1                         |                         |                                         | 3                                                                | 3               |                     | 3                      |                     |          |                      |                      | 3               | 2          |
| 5.2                         |                         |                                         | 3                                                                | 3               |                     | 3                      |                     |          |                      |                      | 3               | 2          |
| 5.3.1                       | 3                       |                                         |                                                                  | 3               |                     | 3                      |                     |          |                      |                      | 3               | 2          |
| 5.3.2                       |                         | 3                                       |                                                                  | 3               |                     | 3                      |                     |          |                      |                      | 3               | 2          |
| <b>Total Question 5</b>     | <b>3</b>                | <b>3</b>                                | <b>6</b>                                                         | <b>12</b>       | <b>0</b>            | <b>12</b>              | <b>0</b>            | <b>0</b> | <b>0</b>             | <b>0</b>             | <b>12</b>       | <b>8</b>   |
| <b>Question 6</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| 6.1                         |                         | 2                                       |                                                                  | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 6.2                         |                         |                                         | 2                                                                | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 6.3                         |                         |                                         | 2                                                                | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 6.4.1                       |                         |                                         | 1                                                                | 1               |                     |                        | 1                   |          |                      |                      | 1               | 0,7        |
| 6.4.2                       |                         |                                         | 1                                                                | 1               |                     |                        | 1                   |          |                      |                      | 1               | 0,7        |
| <b>Total Question 6</b>     | <b>0</b>                | <b>2</b>                                | <b>6</b>                                                         | <b>8</b>        | <b>0</b>            | <b>0</b>               | <b>8</b>            | <b>0</b> | <b>0</b>             | <b>0</b>             | <b>8</b>        | <b>5,3</b> |
| <b>Question 7</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| 7.1                         | 1                       |                                         |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.2                         | 1                       |                                         |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.3                         |                         | 2                                       |                                                                  | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 7.4                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.5                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.6                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.7                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.8                         |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 7.9                         |                         |                                         | 2                                                                | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 7.10                        |                         |                                         | 2                                                                | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| <b>Total Question 7</b>     | <b>2</b>                | <b>7</b>                                | <b>4</b>                                                         | <b>13</b>       | <b>0</b>            | <b>0</b>               | <b>0</b>            | <b>0</b> | <b>0</b>             | <b>13</b>            | <b>13</b>       | <b>8,8</b> |
| <b>Total SECTION B</b>      | <b>20</b>               | <b>37</b>                               | <b>18</b>                                                        | <b>75</b>       | <b>29</b>           | <b>12</b>              | <b>8</b>            | <b>4</b> | <b>9</b>             | <b>13</b>            | <b>75</b>       | <b>50</b>  |
| <b>SECTION C (50 Marks)</b> |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| <b>Question 8</b>           |                         |                                         |                                                                  |                 |                     |                        |                     |          |                      |                      |                 |            |
| 8.1.1                       |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.1.2                       |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.1.3                       |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.1.4                       | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.1.5                       | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.1.6                       | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.1.7                       |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.1.8                       |                         |                                         | 2                                                                | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 8.2.1                       |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.2.2                       |                         | 1                                       |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.3                         | 2                       |                                         |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.4                         |                         | 2                                       |                                                                  | 2               | 2                   |                        |                     |          |                      |                      | 2               | 1,3        |
| 8.5.1                       | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.5.2                       | 1                       |                                         |                                                                  | 1               | 1                   |                        |                     |          |                      |                      | 1               | 0,7        |
| 8.6.1                       | 2                       |                                         |                                                                  | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 8.6.2                       | 2                       |                                         |                                                                  | 2               |                     |                        | 2                   |          |                      |                      | 2               | 1,3        |
| 8.7.1                       | 1                       |                                         | 1                                                                | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 8.7.2                       | 1                       |                                         | 1                                                                | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 8.7.3                       | 1                       |                                         | 1                                                                | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 8.7.4                       | 1                       |                                         |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 8.7.5                       | 2                       |                                         |                                                                  | 2               |                     |                        |                     |          |                      | 2                    | 2               | 1,3        |
| 8.7.6                       |                         | 1                                       |                                                                  | 1               |                     |                        |                     |          |                      | 1                    | 1               | 0,7        |
| 8.8                         |                         | 1                                       |                                                                  | 1               |                     | 1                      |                     |          |                      |                      | 1               | 0,7        |

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|                         | LO<br>30%                  | MO<br>40%                                  | HO<br>40%                                                                 |                 |                        |                           |                        |          |                         |                         |                    |               |  |
| Question                | Understanding<br>Knowledge | Applying Knowledge in<br>familiar Contexts | Reasoning &<br>Reflecting<br>Applying Knowledge in<br>unfamiliar contexts | Question Totals | System<br>Technologies | Information<br>Management | Social<br>Implications | Internet | Network<br>Technologies | Solution<br>Development | Question<br>Totals | % of<br>Paper |  |
| 8.9.1                   |                            |                                            | 2                                                                         | 2               |                        |                           |                        |          |                         | 2                       | 2                  | 1,3           |  |
| 8.9.2                   |                            |                                            | 2                                                                         | 2               |                        |                           |                        |          |                         | 2                       | 2                  | 1,3           |  |
| 8.9.3                   |                            |                                            | 2                                                                         | 2               |                        |                           |                        |          |                         | 2                       | 2                  | 1,3           |  |
| 8.9.4                   |                            |                                            | 2                                                                         | 2               |                        |                           |                        |          |                         | 2                       | 2                  | 1,3           |  |
| 8.9.5                   |                            |                                            | 2                                                                         | 2               |                        |                           |                        |          |                         | 2                       | 2                  | 1,3           |  |
| 8.10.1                  |                            | 1                                          |                                                                           | 1               | 1                      |                           |                        |          |                         |                         | 1                  | 0,7           |  |
| 8.10.2                  |                            | 2                                          |                                                                           | 2               | 2                      |                           |                        |          |                         |                         | 2                  | 1,3           |  |
| Total Question 8        | 20                         | 15                                         | 15                                                                        | 50              | 23                     | 1                         | 6                      | 0        | 0                       | 20                      | 50                 | 33            |  |
| TOTAL                   | 48                         | 60                                         | 42                                                                        | 150             | 60                     | 13                        | 16                     | 14       | 14                      | 33                      | 150                | 100           |  |
| Percentages             | 32,0                       | 40,0                                       | 28,0                                                                      |                 | 40,0                   | 8,7                       | 10,7                   | 9,3      | 9,3                     | 22,0                    | 100,0              |               |  |
|                         |                            |                                            | E                                                                         | A               | 40%                    | 10%                       | 10%                    | 10%      | 10%                     | 20%                     |                    |               |  |
| Understanding Knowledge |                            |                                            | 30%                                                                       | 32,0            |                        |                           |                        |          |                         |                         |                    |               |  |
| Applying Knowledge      |                            |                                            | 40%                                                                       | 40,0            |                        |                           |                        |          |                         |                         |                    |               |  |
| Reasoning & Reflecting  |                            |                                            | 30%                                                                       | 28,0            |                        |                           |                        |          |                         |                         |                    |               |  |
| TOTAL                   |                            |                                            | 100%                                                                      | 100             |                        |                           |                        |          |                         |                         |                    |               |  |

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