

| Question No.<br>No. Soalan |    | Candidate's Answer<br>Jawapan Calon                  | Marks<br>Markah |    |
|----------------------------|----|--|-----------------|----|
| 1                          | i  | B  |                 | 1  |
|                            | ii | A  |                 | 2  |
| 2                          |    | D  |                 | 3  |
| 3                          |    | D  |                 | 4  |
| 4                          |    | False  |                 | 5  |
| 5                          |    | B  |                 | 6  |
| 6                          | i  | antivirus  |                 | 7  |
|                            | ii | data compression                                     |                 | 8  |
| 7                          | i  | True   |                 | 9  |
|                            | ii | True   |                 | 10 |
| 8                          | i  | Intranet   |                 | 11 |
|                            | ii | internet   |                 | 12 |
| 9                          |    | Wireless Access Point/ Titik capaian tanpa wayar     |                 | 13 |
| 10                         |    | C  |                 | 14 |
| 11                         | i  | Q – blue/Biru  |                 | 15 |
|                            | ii | S – white/green @ putih/hijau                        |                 | 16 |
| 12                         |    | True   |                 | 17 |
| 13                         | i  | B  |                 | 18 |
|                            | ii | C  |                 | 19 |
| 14                         |    | False  |                 | 20 |
| 15                         |    | <b>WYSIWYG</b>                                       |                 | 21 |
| 16                         |    | Problem Analysis                                     |                 | 22 |
| 17                         |    | B  |                 | 23 |
| 18                         |    | True   |                 | 24 |
| 19                         |    | Constant   |                 | 25 |
| 20                         | i  | NO   |                 | 26 |
|                            | ii | 50.35 gram   |                 | 27 |
| 21                         | i  | - Testing and debugging/ Pengujian dan penyahpajatan |                 | 28 |
|                            | ii | - Documentation/Dokumentasi                          |                 | 29 |
| 22                         | i  | x  |                 | 30 |
|                            | ii | y  |                 | 31 |
| 23                         |    | Foreign / Asing                                      |                 | 32 |
| 24                         | i  | table  |                 | 33 |
|                            | ii | query  |                 | 34 |
| 25                         | i  | R  |                 | 35 |
|                            | ii | Q  |                 | 36 |

BAHAGIAN B & C

| BIL                                | SKIMA  | MARK  |  |        |                   |               |                    |                                    |            |                                 |                                     |
|------------------------------------|--|---|--|--------|-------------------|---------------|--------------------|------------------------------------|------------|---------------------------------|-------------------------------------|
| 26                                 | <p>START / MULA<br/>           READ / INPUT Form</p> <p>If Form = Lower Form<br/>           Fee = RM40<br/>           Else<br/>           Fee= RM50<br/>           End</p> <p>DISPLAY / PRINT RECEIPT<br/>           STOP / TAMAT</p>  | <p>Start/stop<br/>           = 1mark</p> <p>Read/input<br/>           = 1 mark</p> <p>If form... else<br/>           = 1 mark</p> <p>Display/print<br/>           =1 Mark</p> |  |        |                   |               |                    |                                    |            |                                 |                                     |
| 27                                 | <p>a. i) WAN<br/>           ii) MAN</p> <p>b.</p> <table border="1" data-bbox="354 882 1193 1144"> <thead> <tr> <th>WAN(X)</th> <th></th> <th>LAN(Z)</th> </tr> </thead> <tbody> <tr> <td>Low data transfer</td> <td>Data transfer</td> <td>High data transfer</td> </tr> <tr> <td>Through leased lines or satellites</td> <td>Connection</td> <td>Telephone lines and radio waves</td> </tr> </tbody> </table> <p>*Apa-apa jawapan yang sesuai boleh diterima</p> | WAN(X)  |  | LAN(Z) | Low data transfer | Data transfer | High data transfer | Through leased lines or satellites | Connection | Telephone lines and radio waves | <p>1</p> <p>1</p> <p>1</p> <p>1</p> |
| WAN(X)                             |  | LAN(Z)  |  |        |                   |               |                    |                                    |            |                                 |                                     |
| Low data transfer                  | Data transfer  | High data transfer  |  |        |                   |               |                    |                                    |            |                                 |                                     |
| Through leased lines or satellites | Connection   | Telephone lines and radio waves   |  |        |                   |               |                    |                                    |            |                                 |                                     |
| 28                                 | <p>a ) cd based</p> <p>b) - Can store high end multimedia elements such as video<br/>           - Can be permanently stored and are not change<br/>           - information on a multimedia can be quickly outdated</p>  | <p>1</p> <p>1</p> <p>1</p> <p>1</p>   |  |        |                   |               |                    |                                    |            |                                 |                                     |
| 29                                 | <p>a)</p> <ul style="list-style-type: none"> <li>- Update/install antivirus</li> <li>- Install firewall</li> <li>- Install antispyware</li> </ul> <p>b)</p> <ul style="list-style-type: none"> <li>- Computer run slowly</li> <li>- Computer hang</li> <li>- Hard disk will corrupted</li> </ul> <p>*Apa-apa jawapan yang sesuai boleh diterima</p>  | <p>1</p> <p>1</p> <p>(salah satu)</p> <p>1</p> <p>1</p> <p>(salah satu)</p>   |  |        |                   |               |                    |                                    |            |                                 |                                     |

| 30            | <p>Contoh Laporan:</p> <p>30. <u>Contoh Laporan:</u></p> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: fit-content;"> <p style="text-align: center;">(Tajuk : cth. RESIT BELIAN)</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">No.<br/>Produk</th> <th style="padding: 5px;">Nama<br/>Produk</th> <th style="padding: 5px;">Harga<br/>Seunit</th> <th style="padding: 5px;">Kuantiti</th> <th style="padding: 5px;">Jumlah<br/>Harga</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: right; margin-top: 10px;"><u>Jumlah Keseluruhan</u></p> </div> <div style="margin-top: 10px;"> <p><u>Nota:</u> Terima sebarang jenis laporan yang membawa 4 markah (berbentuk laporan + tajuk laporan + medan bersesuaian + jumlah keseluruhan).</p> </div>   | No.<br>Produk                                   | Nama<br>Produk | Harga<br>Seunit | Kuantiti  | Jumlah<br>Harga |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
|---------------|--|---|----------------|-----------------|-----------|-----------------|---|----------|-------------|---|-----|---|--------|-----------|--|-----|---|----------|------|--|-----|---|------------------|------|--|-----|---|----------------|------|--|-----|---|----|-----------------|---|-----|---|---------------|--------------|--|-----|---|----|------------|--|-----|---|
| No.<br>Produk | Nama<br>Produk   | Harga<br>Seunit                                 | Kuantiti       | Jumlah<br>Harga |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
|               |  |   |                |                 |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
|               |  |   |                |                 |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
|               |  |   |                |                 |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 31            | <p>31. a)</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Bil</th> <th style="padding: 5px;">Nama medan</th> <th style="padding: 5px;">Jenis data</th> <th style="padding: 5px;">Wajib ada</th> <th style="padding: 5px;">Markah</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">1</td> <td style="padding: 5px;">No Resit</td> <td style="padding: 5px;">Text/Number</td> <td style="padding: 5px;">/</td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">2</td> <td style="padding: 5px;">Tarikh</td> <td style="padding: 5px;">Date/Text</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">3</td> <td style="padding: 5px;">Penerima</td> <td style="padding: 5px;">Text</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">4</td> <td style="padding: 5px;">Ringgit Malaysia</td> <td style="padding: 5px;">Text</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">5</td> <td style="padding: 5px;">Kerana Bayaran</td> <td style="padding: 5px;">Text</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">6</td> <td style="padding: 5px;">RM</td> <td style="padding: 5px;">Currency/Number</td> <td style="padding: 5px;">/</td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">7</td> <td style="padding: 5px;">Jenis bayaran</td> <td style="padding: 5px;">Text/ Yes/No</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> <tr> <td style="padding: 5px;">8</td> <td style="padding: 5px;">TT</td> <td style="padding: 5px;">OLE object</td> <td style="padding: 5px;"></td> <td style="padding: 5px;">[1]</td> </tr> </tbody> </table> <p style="margin-top: 20px;">b) Kunci Primer : No Resit<br/>Alasan : Nilainya tidak berulang / unik</p> | Bil   | Nama medan     | Jenis data      | Wajib ada | Markah          | 1 | No Resit | Text/Number | / | [1] | 2 | Tarikh | Date/Text |  | [1] | 3 | Penerima | Text |  | [1] | 4 | Ringgit Malaysia | Text |  | [1] | 5 | Kerana Bayaran | Text |  | [1] | 6 | RM | Currency/Number | / | [1] | 7 | Jenis bayaran | Text/ Yes/No |  | [1] | 8 | TT | OLE object |  | [1] | <p>Nota:<br/>Menamakan 5 medan beserta jenis data yang sesuai (max 5 markah).</p> <p style="text-align: right; margin-top: 20px;">1<br/>1</p> |
| Bil           | Nama medan   | Jenis data                                      | Wajib ada      | Markah          |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 1             | No Resit   | Text/Number                                     | /              | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 2             | Tarikh   | Date/Text                                       |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 3             | Penerima   | Text  |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 4             | Ringgit Malaysia   | Text  |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 5             | Kerana Bayaran   | Text  |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 6             | RM   | Currency/Number                                 | /              | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 7             | Jenis bayaran  | Text/ Yes/No                                    |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 8             | TT   | OLE object                                      |                | [1]             |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |
| 32            | <p>a) Problem analysis.<br/>Two activities:-<br/>i. questionnaire<br/>ii. proposal</p>   | <p style="text-align: right;">1<br/>1<br/>1</p> |                |                 |           |                 |   |          |             |   |     |   |        |           |  |     |   |          |      |  |     |   |                  |      |  |     |   |                |      |  |     |   |    |                 |   |     |   |               |              |  |     |   |    |            |  |     |   |

|    |   |  |
|----|---|--|
|    | <p>b) Design phase.<br/>Flowchart and storyboard.</p> <ul style="list-style-type: none"> <li>- Design a flowchart and storyboard</li> <li>- Choose the colours and layout of each individual screen</li> <li>- Determine the position of navigation button</li> </ul>   | <p>1<br/>1</p> <p>[2 marks – any two]</p>  |
| 33 | <p>a) Input : bilangan jam<br/>jenis kenderaan</p> <p>Output : jumlah bayaran</p> <pre> graph TD     Start([START]) --&gt; Read[READ BILANGAN JAM DAN JENIS KENDERAAN]     Read --&gt; Decision{ADA PARKING ?}     Decision -- TIDAK --&gt; Stop([STOP])     Decision -- YA --&gt; Print[/PRINT JUMLAH BAYARAN/]     Print --&gt; Stop   </pre> | <p>1<br/>1<br/>1</p> <p>Start/stop<br/>= 1 mark</p> <p>Read bil jam dan jenis kenderaan<br/>= 1 mark</p> <p>Pemilihan<br/>=1 mark</p> <p>Print/papar<br/>=1 Mark</p> |