Pages 2


| 12 | a) | Memory allocation table(4 marks), Memory interface circuit(6 marks) | (10) |
| :---: | :---: | :---: | :---: |
| 13 |  | Explain(10 marks) | (10) |
| 14 | a) | Interrupt structure (6 marks) | (6) |
|  | b) | List 4 difference(4 marks) | (4) |
| PART D |  |  |  |
| Answer any twofull questions, each carries 10 marks. |  |  |  |
| 15 |  | Diagram(5 marks), Explain(5 marks) | (10) |
| 16 |  | Program (10 marks) <br> Students making a positive attempt to answer this question may be provided with proportional weightage of marks. | (10) |
| 17 | a) | 2 bit jump instruction ( 2 marks) <br> 2 byte jump instruction (2 marks) | (4) |
|  | b) | Explain SCON \& SBUF registers -3 marks each ( $3 * 2=6$ marks) | (6) |
| $* * * *$ |  |  |  |

