

**UBITT103 - Information and Communication Technology Paper-III**

P. Pages : 1

Time : Three Hours



**GUG/W/22/10912**

Max. Marks : 80

- Notes :
1. All questions are compulsory and carry equal marks.
  2. Draw neat and labelled diagrams wherever necessary.
  3. Avoid vague answers and write answers relevant and specific to questions only.

Either:

- |    |    |   |   |
|----|----|---|---|
| 1. | a) | Explain the function of computers in detail.        | 8 |
|    | b) | Draw and explain the block diagram of the computer. | 8 |
|    |    | <b>OR</b>   |   |
|    | c) | Explain the advantages and limitations of computer. | 8 |
|    | d) | Explain the primary memory in detail.               | 8 |

Either:

- |    |    |  |   |
|----|----|--|---|
| 2. | a) | Explain the following:                                 | 8 |
|    | 1) | Light Pen  |   |
|    | 2) | Track ball   |   |
|    | b) | Explain the various locator devices.                   | 8 |
|    |    | <b>OR</b>  |   |
|    | c) | Explain the following:                                 | 8 |
|    | 1) | MICR   |   |
|    | 2) | OMR  |   |
|    | d) | Difference between the impact and non-impact printers. | 8 |

Either:

- |    |    |   |   |
|----|----|---|---|
| 3. | a) | Explain the function of System Software.        | 8 |
|    | b) | Explain the types of System Software in detail. | 8 |
|    |    | <b>OR</b>                                       |   |
|    | c) | Write a short note on Communication Software.   | 8 |
|    | d) | Explain the following:                          | 8 |
|    | 1) | Freeware  |   |
|    | 2) | Shareware                                       |   |

Either:

- |    |    |   |   |
|----|----|---|---|
| 4. | a) | Explain the Active Software Maintenance in detail.                              | 8 |
|    | b) | What are the Diagnostic Software tools?   | 8 |
|    |    | <b>OR</b>   |   |
|    | c) | Explain the types of Pc Faults in detail.                                       | 8 |
|    | d) | Explain the Advanced Testing Tools – Hand Tools for Service Engineers in brief. | 8 |
| 5. |    | Attempt all the questions.  |   |
|    | a) | Explain the characteristics of the computer.                                    | 4 |
|    | b) | Write a short note on pen drive   | 4 |
|    | c) | Explain the Utility Programs in brief.  | 4 |
|    | d) | What are the types of virus?  | 4 |

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