

UBITT104 - Developing Programming Logic and Techniques Paper-IV

P. Pages : 1

GUG/W/22/10913

Time : Three Hours



Max. Marks : 80

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

Either :

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| 1. | a) Write short note on.
1) Machine Language 2) Assembly Language | 8 |
| | b) Explain Interpreter and Assembler in detail. | 8 |
| | OR | |
| | c) What is Linker and Loader? Explain in detail. | 8 |
| | d) Explain the Characteristics of Good Language. | 8 |

OR

Either :

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|----|----|--|---|
| 2. | a) | Explain the Problem Analysis and Process Analysis. | 8 |
| | b) | Explain the Advantage and Disadvantage of Algorithm. | 8 |
| | | OR | |
| | c) | What are the Rules for drawing flowcharts? | 8 |
| | d) | Explain the Advantage and Disadvantage of Flowchart. | 8 |

OR

Either :

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| 3. | a) | Explain the Role of Data Types in Languages. | 8 |
| | b) | Explain the Meaning of Keywords and Identifiers in Language. | 8 |
| OR | | | |
| | c) | Write One-Way and Two-Way Conditional statement. | 8 |
| | d) | Write a While and do-while looping statement in detail. | 8 |

OR

Either :

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| 4. | a) | What is Array? Explain the One-dimensional array. | 8 |
| | b) | What is Sorting? Explain with example. | 8 |
| OR | | | |
| | c) | Explain Modular programming and its features. | 8 |
| | d) | Explain two dimensional arrays with example. | 8 |

OR

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| 5. | Attempt all the questions | |
| a) | What is Compiler? Explain in detail. | 4 |
| b) | Definition Pseudo Code. | 4 |
| c) | Explain Break and Goto Statement. | 4 |
| d) | What is Matrix Addition? Explain with example. | 4 |
