

**SET
A**

Full Marks: 35

Objective

Marks: 10

$$1 \times 10 = 10$$

1. What is the size of integer or int data type in C?

- 1

10. How many output is possible from a decision box used in flow chart?
- a. 1
 - b. 2
 - c. Atleast 2
 - d. None of the above

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(Descriptive)

Time : 1 hrs. 15 min.

Marks : 25

[Answer question no.1 & any two (2) from the rest]

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|----|--|-------|
| 1. | Draw a flowchart to find the greatest of three numbers? | 5 |
| 2. | a) What is a flowchart and what are its components? | 1+4=5 |
| | b) What is an algorithm and what are its characteristics? | 1+4=5 |
| 3. | a) What are the rules to declare a valid C variable? Give examples in each case. | 5 |
| | b) What are the various types of operators in C? | 1+4=5 |
| 4. | a) What is if-else ladder ? Explain. | 5 |
| | b) What is nested if statement in C? Explain. | 5 |
| 5. | a) What are the parts of an iterative statements? Explain them. | 5 |
| | b) Explain the difference of do-while loop with while loop in details. | 5 |

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