

FYBSC IT/SEM I/ATKT/Programming with C

Time: 1 hr.

Marks:30

Note:

1. All questions are compulsory.
2. Draw neat diagrams wherever necessary.
3. Figures to the right indicate full marks.

Q.1 Answer the following. (Any TWO) [15]

- (a) Draw and explain symbols used in flowcharts. 08
- (b) Define the algorithm to find the given number is even or odd. Draw the flowchart for the same. 07

OR

- (c) List the basic data types in C and provide a brief description of each. 08
- (d) Write a simple program in C and write the execution. 07

Q.2 Answer the following. (Any TWO) [15]

- (a) Explain switch statement with example. 08
- (b) What is the purpose of a do-while in C programming? Explain with an example. 07

OR

- (c) What is string? Explain the functions. 08
- (d) What is a structure in C? Provide a suitable programming example. 07

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