

FYBSC CS/SEM I/ATKT/Logical Reasoning

Time: 1 hr.

Marks:30

- Note:
1. Draw neat diagrams wherever necessary.
 2. Figures to the right indicate full marks.
 3. Write any **TWO** questions from the following
 4. Each question carry **15 Marks**.

- Q.1 **Answer the following.**
- (a) How can one recognize arguments in Logical Reasoning? [08]
(b) List and explain components of Logical Reasoning [07]
- Q.2 **Answer the following.**
- (a) Describe the 'Ad Hominem (Attacking the Person)' and 'Appeal to Emotion' fallacy with an example. [08]
(b) Describe the 'Straw Man' and 'Red Herring' fallacy with an example. [07]
- Q.3 **Answer the following. (Any THREE)** [15]
- (a) Discuss importance of logical reasoning
(b) Explain the scope of Logic in different fields, especially in computer science.
(c) Define a fallacy and explain its significance in logical reasoning.
(d) List and describe the different types of fallacies.

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