

154

III

Total No. of Questions – 37  
Total No. of Printed Pages – 4

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**Part – III**  
**LOGIC, Paper-I**  
**(English Version)**

*Time : 3 Hours ]*

*[ Max. Marks : 100*

**Note :** Answer **all** the questions.

**SECTION – A**

- I. Answer any **three** from the following **five** questions : **3 × 10 = 30**
- (1) Categorical prepositions in Euler's circles.
  - (2) Explain simple thinking and scientific thinking.
  - (3) Describe the comparisons between psychology and logic.
  - (4) Explain the rules of definition.
  - (5) Describe the Hypothetical syllogism in detailed manner.

**SECTION – B**

- II. Answer any **eight** of the following questions : **8 × 5 = 40**
- (6) Explain the Formal Logic.
  - (7) Explain the Logic and Law.
  - (8) Explain Positive-Negative and Privative terms.
  - (9) Describe the principles of Division.
  - (10) Explain the Disjunctive preposition.

- (11) Describe the relation between Connotation and Denotation.
- (12) Explain the principles of thought.
- (13) Explain the Material Logic.
- (14) Explain the words and terms.
- (15) Explain the fallacy of Four.
- (16) Explain the sentence and preposition.
- (17) Explain the Quantity and Quality of preposition.

### SECTION - C

III. Answer any **fifteen** questions from the following :

**15 × 2 = 30**

(18) Name the three sentences in syllogism.

(19) Explain the singular and general terms.

(20) Explain the concrete and Abstract terms.

(21) All graduates are voters.

Siva is not a graduate.

∴ Siva is not a voter.

Find out the name of the fallacy of above syllogism.

(22) No men are perfect.

No angels are men.

∴ No angels are perfect.

Name the fallacy of above syllogism.

(23) All Andhras are Indians.

All Rayalaseemas are Indians.

∴ All Ramalaseemas are Andhras.

Name the fallacy of above syllogism.

(24) Write down the three terms of syllogism.

(25) All planets are round.

Your car wheel is round.

Write the conclusion for above syllogism.

(26) No Americans are Indians.

All Andhras are Indians.

Write the conclusion for above syllogism.

(27) Siva is either rich or poor.

Siva is rich.

Write the conclusion and find out the fallacy.

(28) If you study well you will pass.

You have passed.

∴ You studied well.

Write the fallacy of above syllogism.

(29) No anger is good.

No silence is anger.

∴ No silence is good.

Write the fallacy of above syllogism.

(30) God created Man.

Man created Money.

∴ God created the money.

Name the fallacy in above syllogism.

(31) He travels to Vijayawada either in bus or car.

He doesn't travel in bus.

∴ He travels in car.

Write the fallacy in above syllogism.

(32) If it rains, the land will wet.

The land is wet.

∴ It rains.

Write the fallacy of above syllogism.

(33) All material things are valuable.

All material things are expensive.

∴ All expensive things are valuable.

Write the fallacy of above syllogism.

(34) All Jasmines are white.

The Moon is white.

∴ The Moon is Jasmine.

Write the fallacy of above syllogism.

(35) Ravi is either Hindu or Christian.

Ravi is not Hindu.

∴ Ravi is a Christian.

Write the fallacy of above syllogism.

(36) King rules the kingdom.

Queen rules the King.

∴ Queen rules the kingdom.

Write the fallacy of above syllogism.

(37) All cows are mammals.

No goats are cows.

∴ No goats are mammals.

Write the fallacy of above syllogism.