

Total No. of Questions – 5

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Total No. of Printed Pages - 2

No.

Part – III
LOGIC, Paper – II
(English Version)

Time : 3 Hours]

[Max. Marks : 100

Note : Answer all questions.

I. Answer any two of the following questions :

2 × 15 = 30

- (1) Describe the principles of valid observation.
- (2) Define the Enquiry. Write about the case History Method.
- (3) Describe the Experimental Methods of J.S. Mill.
- (4) Explain the non-scientific method of Enquiry. Describe the Intuitive method.
- (5) Describe the principles of valid Hypothesis.

II. Answer any six of the following questions :

6 × 5 = 30

- (1) Define the law of uniformity of Nature.
- (2) Explain the plurality of cause.
- (3) Explain the method of Tenacity.
- (4) Explain the fallacy of accident with examples.
- (5) Explain the Analogy.
- (6) Explain the Questionnaire method.
- (7) Define the postulates.
- (8) Write down the comparisons and differences between Observation and Experiment.
- (9) Write the difference between complete enumeration and simple enumeration.
- (10) Explain the Universal prepositions.

III. Answer any ten of the following blanks :

10 × 1 = 10

- (1) Father of Inductive Logic is _____.
- (2) Enumeration is _____ types.
- (3) Nature has _____ comparisons.
- (4) J.S. Mill profounded _____ experimental methods.

- (5) Beginning of Inductive and Deductive logic is _____.
- (6) Hypothesis which cannot be proved is _____.
- (7) Experimental methods are _____ types.
- (8) Observation is _____ types.
- (9) Same reasons give _____ results in same situation.
- (10) _____ is the founder of plurality of cause.
- (11) Questionnaire method is _____.
- (12) Field Investigation method is used in _____ methods.
- (13) Fallacy of composition is called as _____.
- (14) Case history method has _____ stages.
- (15) An incident which occur in the same situation, _____ will be same.

IV. Answer any **five** of the following :

5 × 2 = 10

- (1) Define the Inductive Leap.
- (2) Define Natural Experiment.
- (3) Define the fallacy of paradox of Inference.
- (4) Explain Analogy.
- (5) Explain Inductive Elocity.
- (6) Explain the analytical method.
- (7) Explain material logic.

V. Answer any **five** of the following fallacies :

5 × 4 = 20

- (1) I can buy a car, I can buy an aeroplane and I can buy Television, So I can buy all these items.
- (2) I observe a few lanes are dirty in Vijaywada. Then I came to conclusion that total Vijaywada city is dirty.
- (3) Milk is nutrition diet. A person who is suffering from cholera can drink milk.
- (4) While I am attending the exam someone has snoozed. I failed in the examination. Snooze is the reason for my failure.
- (5) Sindhu got gold medal in Olympics. So the price of the milk has raised.
- (6) I observed three Americans. They are all Negroes. So all Americans are Negroes.
- (7) Cat is a canine animal.