I. Answer any two of the following: 2×15=30 Marks

1. Explain the law of Uniformity of Nature.
2. What are the methods that followed in Social Sciences? Explain.
3. Relations between Deduction and Induction.
4. What are requirements (characteristics) of a valid Hypothesis?
5. The problem of Induction. Explain.

II. Answer any six of the following: 6×5=30 Marks

1. Paradox of Inference
2. Induction
3. Intuitive method
4. Case History method
5. Simple Enumeration
6. Spendthrift Argument
7. Universals
10. Fallacy of Division.

III. Fill up any ten of the following blanks: 10×1=10 Marks

1. The conclusion of Inductive logic______________
2. ______________says the History of Science is a system of discarded theories.
3. The Author of the Inductive Logic______________
4. The aims of Inductive and Deductive______________
5. The method of questionnaire is followed in ______________
6. Observation is divided into______________
7. The fallacy of accident is divided into_______________

8. _______________methods were proposed by Mill.

9. The postulates of induction are divided _____________kinds.

10. Enumeration is divided into __________________________

11. _______________must be favourable for the standard observation.

12. __________method in the first method that followed in non-scientific method.

13. Deduction without Induction is meaningless, but Inductive without Deduction ________________

14. The problem of Induction is to establish_______________

15. The paradox of Interference was directed by______________

IV. Define any five of the following: 5×2=10 Marks

1. Observation of Facts
2. Definition of Cause.
3. Postulates.
4. Fallacy.
5. Induction leaf.
6. Deduction.
7. Theory.

V. Test any five of the following: 5×4=20 Marks

1. India bagged a Gold medal. Hence tamarind price increased.

2. I can break a brisk easily. So I can break at a time the load of bricks of a lorry.

3. India is developing industrially. Andhra Pradesh is a part of it. So Andhra Pradesh is developing industrially.

4. When I went to Hyderabad, I found a few hotels are dirty. So all the hotels in Hyderabad are dirty.

5. Alcohol acts as a poison when taken in excess. So it always acts as a poison.

6. We cannot live without food. Milk, Meat is food. So we cannot live without meat and milk.

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