

**TILAK MAHARASHTRA VIDYAPEETH, PUNE**  
**B.A. LL.B.(ACADEMIC LAW)**  
**(FIVE YEARS SEMESTER PATTERN)CREDIT SYSTEM**  
**EXAMINATION: DECEMBER-2023**  
**FOURTH SEMESTER**  
**Sub.: Logic & Scientific Method (BLW - 4003)**

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**Date :14/12/2023** **Total Marks : 60** **Time: 2.00 pm to 4.30 pm**

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**Instructions:** 1) All questions are compulsory.  
2) Figures to the right indicate full marks.

**Q. 1. Define the following terms (10)**

1) (Any Four)

- |                              |                             |                            |
|------------------------------|-----------------------------|----------------------------|
| 1. Categorical & Proposition | 2. Subject less proposition | 3. Conditional Proposition |
| 4. Hypothesis                | 5. Inference                | 6. Subject                 |

2) (Any one)

- |                           |                            |
|---------------------------|----------------------------|
| 1. Quality of proposition | 2. Quantity of proposition |
|---------------------------|----------------------------|

**Q. 2. Answer the following in 2 to 3 lines: (10)**

1) (Any Four)

- Explain: 'Research'
- What is Fallacy?
- What is Compound Proposition?
- Explain the Rule with example -All + All=?
- Explain the Rule with example -No + No=?

2) (Any one)

- Explain the Rule with example All + No=?
- Explain the Rule with example Some + Some= ?

**Q. 3.1) Write Short notes of the following. (Any One) (16)**

- |                                                           |                                                  |
|-----------------------------------------------------------|--------------------------------------------------|
| a) Explain: Strawman Argument & Ignoratio Elenchi Fallacy | b) Explain: Ad Hominem & The Red Herring Fallacy |
|-----------------------------------------------------------|--------------------------------------------------|

2) (Any one)

- |                                           |                                                 |
|-------------------------------------------|-------------------------------------------------|
| a) Fourfold Classification of proposition | b) Explain: Characteristics of good hypothesis. |
|-------------------------------------------|-------------------------------------------------|

**Q. 4. Answer the Following Questions. (24)**

1) (Any One)

- Explain: 'Modern Classification of proposition'
- Explain in detail - Rules of Syllogism.

2) (Any One)

- What is Scientific Legal reasoning? Also explain the Characteristics of scientific research.
- Explain :
  - Contradictory
  - Contrary
  - Sub-contrary
  - Subaltern