

TILAK MAHARASHTRA VIDYAPEETH, PUNE
B.A. LL.B.(ACADEMIC LAW)
(FIVE YEARS SEMESTER PATTERN) CREDIT SYSTEM
EXAMINATION: DECEMBER -2024
FOURTH SEMESTER
Sub.: Logic & Scientific Method (BLW - 4003)

Date :12/12/2024

Total Marks : 60

Time: 2.00 pm to 4.30 pm

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

Q. 1. Define the following terms (10)

1) (Any Four)

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|----------------|-------------|--------------|
| 1. Proposition | 2. Sentence | 3. Judgement |
| 4. Fallacy | 5. Dilemma | 6. Symbol |

2) (Any one)

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|-------------|---------------|
| 1. Research | 2. Hypothesis |
|-------------|---------------|

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

1) (Any Four)

- Compound Proposition
- Subject Predicate Proposition
- Relational Proposition
- Explain: $a \in F$
- Function of language

2) (Any one)

- | | |
|---------------------------|----------------------|
| a) Explain : $p \equiv q$ | b) Mediate Inference |
|---------------------------|----------------------|

Q. 3. 1) Write Short notes of the following. (Any One) (16)

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| a) Traditional Classification of proposition | b) Explain :Negative, Conjunctive, Disjunctive, Implicative propositions |
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2) (Any one)

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| a) Explain: Ad Hominem Fallacy & Strawman Argument | b) Explain : Tu Quoque & Ignoratio Elenchi |
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Q. 4. Answer the Following Questions. (24)

1) (Any One)

- Square of Opposition and explain -Education
- Laws of Thought

2) (Any One)

- Explain Rules of Syllogism
- What is scientific research? Explain with reference to Sampling method and interview techniques.