

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

Date :11/05/2024

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)

- | | | |
|-----------------------|---------------|--------------|
| 1. Paradox | 2. Hypothesis | 3. Symbolism |
| 4. Simple proposition | 5. Inference | 6. Fallacy |

2) (Any one)

- | | |
|------------------------|-----------------------------|
| 1. Scientific Research | 2. Subject less Proposition |
|------------------------|-----------------------------|

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

1) (Any Four)

- Compound Proposition
- Subject Predicate Proposition
- Explain: $x R y$
- Explain: $a \in F$
- Explain : $p \equiv q$

2) (Any one)

- Mediate Inference
- Immediate Inference

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

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|-------------------------------------------|----------------------------------------|
| a) Characteristics of Scientific Research | b) Explain : Opposition of proposition |
|-------------------------------------------|----------------------------------------|

2) (Any one)

- | | |
|-----------------------------------------|--------------|
| a) Characteristics of a Good Hypothesis | b) Syllogism |
|-----------------------------------------|--------------|

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

1) (Any One)

- Explain : Traditional Classification of proposition
- Explain : Negative, Conjunctive, Disjunctive, Implicative propositions

2) (Any One)

- Explain : Ad Hominem Fallacy & Strawman Argument
- Explain : Tu Quoque & Ignoratio Elenchi