2/EH-20 (ii) (Syllabus-2015)

2018

(April)

PHILOSOPHY

(Elective/Honours)

(Logic)

(PHIL : 11) Marks: 75

Time: 3 hours

The figures in the margin indicate full marks for the questions

Answer any five questions

- Define Logic. Discuss that logic is a formal and normative science. 5+10=15
- What is proposition? Distinguish it from sentence and judgement. 5+10=15
- relation between 3. Discuss the validity. Can there be valid argument with false premise? 10+5=15

8D/1706

2/EH 2 ht (Syllabus-2015)

ostensive definitions.

5+10=15

(Turn Over)

4. What do you mean by fallacies? Discuss

different types of informal fallacies.

5. What is a standard form of categorical

syllogism? State and explain its rules.

- 5+10=15 [Lagic] 6. Explain the denotative, connotative and
- 7. Briefly examine the concept of square of

opposition with reference to the relations that exist between the standard form of

- categorical proposition. 15 Write short notes on any two of the following:
- (b) Logical connectives

(a) Laws of thought manhor bear sometimes

(c) Constants and variables

8D/1706

(Continued)

3+12=15

15

(a) Alan will not play, unless John plays the

Symbolize any five of the following: 3×5=15

(3)

- game. (b) It is not the case that there is P and
- (c) I will study hard and pass the

there is no Q.

examination or I will fail the examination.

(d) Either Sheila or Leela will participate

in the Quiz but they will not both win

restored and trade will improve. It is

- the Quiz. (e) If government is re-elected, then it is false that public confidence will be
- false that either public confidence won't be restored or trade won't improve. Therefore, government will be re-elected. Tom and Sam both work late only if it is not a holiday.
- Sita will win the election. 8D/1706 (Turn Over)

(g) It is not the case that neither Mira nor

 $5 \times 3 = 15$

Test the validity of the following arguments with truth tables (any three):

pvr

(b) $p\supset q$ bus hisd vbuts liw I

 $(p \supset q) \cdot r$

(a)

(c) $p\supset q$ in the Ones but they will not both

(e) pvq and lim show box beroteer faise that either public confidence won't

Svort: - q Thow Palesti to conorast and the

(f) Tom and Sam boin work late only if it

file is not the description with the

8D-5000/1706

2/EH-20 (ii) (Syllabus-2015)