

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

TEST BOOKLET

Sl. No. **00686**

Subject Code : 17

Subject : Logic & Philosophy

LECTURERS FOR NON-GOVT. AIDED COLLEGES OF ODISHA

Time Allowed : 3 Hours

Maximum Marks : 165

: INSTRUCTIONS TO CANDIDATES :

1. **IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET CONTAINS 31 PAGES AND DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.**
2. You have to enter your **Roll No.** on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.

--	--	--	--	--	--	--	--	--	--
3. The Test Booklet contains **165** questions. Each question comprises four answers. You have to select the correct answer which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct answer, you should mark (darken) the answer which you consider the best. In any case choose **ONLY ONE** answer for each question. If more than one answer is darkened it will be considered as wrong.
4. You have to mark (darken) all your answers **ONLY** on the **separate OMR Answer Sheet** provided, by using **BLACK BALL POINT PEN**. You have to do rough work on the space provided in the Test Booklet only. See instruction in the Answer Sheet.
5. All questions carry equal marks, i.e. of one mark for each correct answer and each wrong answer will result in negative marking of **0.25** mark.
6. Before you proceed to mark (darken) in the Answer Sheet the answers to various questions in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions in your Admit Card.
7. After you have completed filling in all your answers on the Answer Sheet and after completion of the examination, you should hand over to the Invigilator the **Original Answer Sheet (OMR Answer Sheet)** issued to you. You are allowed to take with you the candidate's copy/second page of the Answer Sheet along with the Test Booklet after completion of the examination for your reference.

SEAL

Candidate's full signature

Invigilator's signature

RS – 16/25

(Turn over)

2018

1. Examine the argument and choose the correct name of the fallacy out of the following

Codes :

- (i) All horses are four footed animals.
- (ii) No oxen are horse.

Therefore, no oxen are four footed animals.

Codes :

- (A) Fallacy of illicit major
- (B) Fallacy of illicit minor
- (C) Fallacy of undistributed middle
- (D) Fallacy of four terms

2. An argument has essentially :

- (A) Truth and Form
- (B) Truth and Fallacy
- (C) Truth and Proposition
- (D) Form and Proposition

3. Examine the argument in the light existential import and choose the correct name of the fallacy out of the following codes :

No philosopher is scientist.

All philosophers are mathematicians.
Therefore, some mathematicians are not scientist.

Codes :

- (A) Fallacy of illicit major
- (B) Fallacy of illicit minor
- (C) Fallacy of undistributed middle
- (D) Existential Fallacy

4. If 'No soldiers are pacifists' is true what may be inferred about the truth or falsehood of the proposition 'some soldiers are pacifists' from the following :

- (A) True
- (B) False
- (C) Undetermined
- (D) None of these

5. If 'some scientists are philosophers' is true what may be inferred about the truth or falsehood of the proposition 'All scientists are philosophers' from the following :

- (A) True
- (B) False
- (C) Partially false
- (D) Undetermined

6. Which is the correct answer of the order of categorical propositions A, E, I, O in accordance with Boolean interpretation :
- (A) Sp = 0, sp = 0, sp = 0, sp = 0
 (B) Sp = 0, sp = 0, sp = 0, sp = 0
 (C) Sp = 0, sp = 0, sp = 0, sp = 0
 (D) Sp = 0, sp = 0, sp = 0, sp = 0
7. Which is not the correct answer of the following ?
- (A) In Inductive inference the conclusion is logically larger than the premises
 (B) In Deductive inference the conclusion is logically larger than the premises
 (C) The concern of Deductive is formal truth
 (D) The concern of Inductive inference is material truth and probability
8. Which one of the following is the correct answer regarding the criterion of evaluation of Hypothesis ?
- (A) Relevance, verifiability and simplicity
 (B) Compatibility with previous hypothesis and simplicity
 (C) Compatibility with previous hypothesis and power of predictability
 (D) Relevance, verifiability, compatibility with previous hypothesis and power of predictability and simplicity
9. Which one of the following is the correct answer regarding the steps of Scientific Method ?
- (A) The problem, preliminary hypothesis, formulating the main hypothesis
 (B) Formulating the main hypothesis, deducing further consequences
 (C) Testing the consequences, application of the consequences
 (D) All of these

10. 'The more a society becomes rich (i. e. decrease in poverty), its population decreases. Therefore, poverty is cause of increase in population' is an example of the application of which of the Method of Scientific Enquiry according to Mill ?

- (A) Method of Residues
- (B) Method of Agreement
- (C) Method of Concomitant Variation
- (D) Method of Difference

11. Formal ground of Induction is :

- (A) Law of Uniformity of Nature
- (B) Causal Law
- (C) Neither (A) nor (B)
- (D) Both (A) and (B)

12. Which one of the following is not the correct definition ?

- (A) A is the necessary condition for x if in the absence of A, x occurs
- (B) A is the sufficient condition for x if in the presence of A, x must occur

(C) A is the necessary condition for x if in the absence of A, x cannot occur

(D) If A is the sufficient condition for x, then the absence of A is the necessary condition for x

13. Consider the following and determine what is the method of Mill applied here ?

Positive instances		Negative instances	
Antecedent	Consequent	Antecedent	Consequent
ABC	abc	ABC	abc
ADE	ade	BC	bc

Therefore, A is the cause of :

- (A) The method of Agreement
- (B) The method of Difference
- (C) The method of Agreement and Difference
- (D) The method of Concomitant Variation

14. The number of valid mood in categorical syllogism is :

- (A) Ten
- (B) Sixteen
- (C) Nineteen
- (D) Eighteen

15. 'Ramesh is an eligible voter, because Ramesh is over the age of eighteen years' is an example of :
- (A) Conversion
 (B) Enthymeme
 (C) Obversion
 (D) Contraposition
16. 'Only sons marry only daughter' is :
- (A) A case of fallacy of Amphiboly (Ambiguity)
 (B) A case of fallacy of Equivocation (Ambiguity)
 (C) A case of fallacy of Exclusion
 (D) A case of fallacy of Illicit Generalization
17. 'Tables have four legs, elephants have four legs too. Hence, tables, just like elephants, are animals' is :
- (A) A case of fallacy of Amphiboly (Ambiguity)
 (B) A case of fallacy of False Analogy
 (C) A case of fallacy of Exclusion
 (D) A case of fallacy of Illicit Generalization
18. 'Sreemati is a 35-year old woman, and most women of her age are married, hence she too must be married' is :
- (A) A case of fallacy of Amphiboly (Ambiguity)
 (B) A case of fallacy of Equivocation (Ambiguity)
 (C) A case of fallacy of Exclusion
 (D) A case of fallacy of Mal-Observation
19. 'I have met two persons from Pakistan and both were dishonest, so all Pakistanis are dishonest' is :
- (A) A case of fallacy of Amphiboly
 (B) A case of fallacy of Equivocation
 (C) A case of fallacy of Exclusion
 (D) A case of fallacy of Illicit Generalization

20. "All physical objects have mass; this table is a physical object, Therefore, this table has mass" is :
- (A) A case of fallacy of undistributed middle
- (B) A case of fallacy of illicit major
- (C) A case of the fallacy of illicit minor
- (D) A case of valid argument in categorical syllogism
21. 'If the first native is a spy, then he lies. If he lies, then he denies being a spy. Therefore, if the first native is a spy, then he denies being a spy' is an example of :
- (A) Pure hypothetical syllogism.
- (B) Mixed hypothetical syllogism
- (C) Disjunctive syllogism
- (D) Constructive Dilemma
22. In Logic three Laws of Thought means which of the following :
- (A) Law of Identity, Law of Uniformity of Nature and Law of Denotation
- (B) Law of Identity, Law of Excluded Middle and Law of Uniformity of Nature
- (C) Law of Identity, Law of Contradiction and Law of Excluded Middle
- (D) Law of Connotation, Law of Identity, Law of Distribution
23. Which of the following is not the correct answer ?
- (A) Denotation of a term connotes the features of the object and connotation only denotes the object
- (B) Denotation denotes the object
- (C) Connotation connotes the features of the object
- (D) When one increases the other decreases and vice versa
24. CELARENT is the valid mood of :
- (A) The 3rd Figure
- (B) The 2nd Figure
- (C) The 1st Figure
- (D) The 4th Figure

25. Which of the following is not the correct form of immediate inference :

- (A) Some snakes are not poisonous, therefore, some poisonous (reptiles) are not snakes
- (B) Some snakes are poisonous, therefore, some poisonous (reptiles) are snakes
- (C) All snakes are not poisonous, therefore, some poisonous (reptiles) are snakes
- (D) No snakes are poisonous, therefore, no poisonous (reptiles) are snakes

26. If 'some politicians are liars' is true, then which of the following is not correct ?

- (A) 'Some politicians are not liars' is true
- (B) 'All politicians are liars' is undetermined
- (C) 'No politicians are not liars' is false
- (D) None of these

27. Some M is P.

All S is M.

Therefore, some S is not P.

Which of the following is the correct answer ?

- (A) It commits the fallacy of four-terms
- (B) It commits the fallacy of undistributed middle
- (C) It commits the fallacy of illicit minor
- (D) It commits the fallacy of illicit major

28. Which of following is not included in the Rules for the validity of categorical Syllogism ?

- (A) Middle term must be distributed at least once in both the premises
- (B) If any term is distributed in the conclusion it must be distributed in the premise
- (C) A valid categorical Syllogism can have two negative premises.
- (D) There must be the three propositions and three terms in a valid categorical Syllogism

29. Which one from the four alternatives consists of MOODS of Traditional Logic is not acceptable to modern Logicians ?
- (A) DATISI, DISAMIS, BRAMANTIP, FESAPO
 (B) FERISON, BRAMANTIP, FESAPO, FRESISON
 (C) DARAPTI, FELAPTON, BRAMANTIP, FESAPO
 (D) FERIO, BAROCO, DARAPTI, FELAPTON
30. Which one from the following is not included in the list of Rules of the 4th figure of the categorical Syllogism ?
- (A) If the major premise is affirmative, then minor premise must be an universal proposition
 (B) If the minor premise is positive, then the conclusion must be a particular proposition
 (C) If one of the premises is negative, then major premise must be universal proposition
 (D) The conclusion must be a particular proposition
31. Which of the following opposition of propositions is acceptable to Modern Logicians ?
- (A) Contrary
 (B) Sub-contrary
 (C) Sub-altern
 (D) Contradictory
32. Which of the following is not included in the list of rules of Conversion ?
- (A) The subject term of the premise will be changed as the predicate term of the conclusion and the predicate term of the premise will be changed as the subject term of the conclusion
 (B) There cannot be any change in the quality of the premise and the conclusion
 (C) There is change of the quantity of the premise and the conclusion
 (D) The term which is not distributed in the premise cannot be distributed in the conclusion