

Topics to be covered

Sub: Logic

Topics to be covered	Number of Hours
1. What is Logic	2
2. Branches of logic (Philosophy)	2
3. Deductive Logic	2
4. Induction	2
5. Nature of Logic	2
6. Scope of Logic	2
7. Logic as science of science and Art's of Art's	2
8. Logic of positive science	2
9. Logic of Normative science Reasoning	3
10. Fundamental laws of thought	3
11. Law of preposition	3
12. Law of contradiction	2
13. Law of excluded	2
14. Middle reason	2
15. Law of sufficient reason	3
16. Proporition Induction	2
17. Distiction between a proposition And gramatical sentence	3
18. Kinds of proposition	2
19. Clarification of pro position	5
20. Defination of opposition	3
21. Opposition of proposition	2
22. Square of opposition in A .E .I .O	3
23. Syllagism Introduction	3
24.Chareterision of syllogism	2
25. Kinds of syllogism	2
26. General rules of syllogism	2
27.Catergorical syllogism	2
28.Moods	3
29.Study of figures	4

DEPARTMENT OF PHILOSOPHY : NIZAM COLLEGE , OU

TOPICS OF COVERED

Sub:Logic

Sem- 4

Topics to covered	Num of periods
1. Introduction to Logic	2
2. Inductive Logic	2
3. Nature and history of inductive Logic	3
4. Inductive Method	2
5. Inductive method and science	3
6. Kinds of Induction	3
7. Meaning of Hypothesis	2
8. Origin of Hypothesis	3
9. Forms of Hypothesis	3
10. Condition of valid Hypothesis	3
11. Proofs of Hypothesis	3
12. Observation – Experiment	3
13. Role of observation in Science	4
14. Kinds of Observation	3
15. Advantage of Observation	2
16. Definition of Experiment	2
17. Nature of experiment in Science	3
18. Advantage of experiment	2
19. Symbolic Logic	2
20. Uses of symbolic Logic	3
21. Symbolic Logic its origin and development	3
22. Modern classification of proposition	3
23. Truth Table	2
24. Negation	2
25. Hypothetical Alternative	3
26. Disjunction and conjunction	4
27. Inference and analogy	3
28. Meaning and definition of analogy	2
29. Nature of Analogy	2
30. Analogy or scientific induction	3
31. Analogy and simple argument	2
32. Strength of Analogical argument	2

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Topics to be covered	Number of Hours
30.What is Logic	2
31.Branches of logic (Philosophy)	2
32.Deductive Logic	2
33.Induction	2
34.Nature of Logic	2
35.Scope of Logic	2
36.Logic as science of science and Art's of Art's	2
37.Logic of positive science	2
38.Logic of Normative science Reasoning	3
39. Fundamental laws of thought	3
40. Law of preposition	3
41. Law of contradiction	2
42. Law of excluded	2
43. Middle reason	2
44. Law of sufficient reason	3
45. Proporition Induction	2
46. Distiction between a proposition And gramatical sentence	3
47. Kinds of proposition	2
48. Clarification of pro position	5
49. Defination of opposition	3
50. Opposition of proposition	2
51. Square of opposition in A .E .I .O	3
52. Syllagism Introduction	3
53.Chareterision of syllogism	2
54. Kinds of syllogism	2
55. General rules of syllogism	2
56.Catergorical syllogism	2
57.Moods	3
58.Study of figures	4

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1. Introduction to Logic	2
2. Inductive Logic	2
3. Nature and history of inductive Logic	3
10. Inductive Method	2
11. Inductive method and science	3
12. Kinds of Induction	3
13. Meaning of Hypothesis	2
14. Origin of Hypothesis	3
15. Forms of Hypothesis	3
10. Condition of valid Hypothesis	3
11. Proofs of Hypothesis	3
12. Observation – Eupersment	3
13. role of observation in Science	4
14. Kinds of Observation	3
15. Advantage of Observation	2
16. definition of Experiment	2
17. Nature of experiment in Science	3
18. Advantage of experiment	2
19. Symbolic Logic	2
20. Uses of symbolic Logic	3
21. Symbolic Logic its organ and development	3
22. Modern classification of proposition	3
23. Truth Table	2
24. Negation	2
25. Hypothetical Alternative	3
26. Disjunction and conjunction	4
27. Inference and analogy	3
28. Meaning and definition of analogy	2
29. Nature of Analogy	2
30. Analogy or scientific induction	3
31. Analogy and simple argument	2
32. Strength of Analogical argument	2

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Topics to be covered	Number of Hours
59.What is Logic	2
60.Branches of logic (Philosophy)	2
61.Deductive Logic	2
62.Induction	2
63.Nature of Logic	2
64.Scope of Logic	2
65.Logic as science of science and Art's of Art's	2
66.Logic of positive science	2
67.Logic of Normative science Reasoning	3
68. Fundamental laws of thought	3
69. Law of preposition	3
70. Law of contradiction	2
71. Law of excluded	2
72. Middle reason	2
73. Law of sufficient reason	3
74. Proporition Induction	2
75. Distiction between a proposition And gramatical sentence	3
76. Kinds of proposition	2
77. Clarification of pro position	5
78. Defination of opposition	3
79. Opposition of proposition	2
80. Square of opposition in A .E .I .O	3
81. Syllagism Introduction	3
82.Chareterision of syllogism	2
83. Kinds of syllogism	2
84. General rules of syllogism	2
85.Catergorical syllogism	2
86.Moods	3
87.Study of figures	4

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1. Introduction to Logic	2
2. Inductive Logic	2
3. Nature and history of inductive Logic	3
16. Inductive Method	2
17. Inductive method and science	3
18. Kinds of Induction	3
19. Meaning of Hypothesis	2
20. Origin of Hypothesis	3
21. Forms of Hypothesis	3
10. Condition of valid Hypothesis	3
11. Proofs of Hypothesis	3
12. Observation – Eupersment	3
13. role of observation in Science	4
14. Kinds of Observation	3
15. Advantage of Observation	2
16. definition of Experiment	2
17. Nature of experiment in Science	3
18. Advantage of experiment	2
19. Symbolic Logic	2
20. Uses of symbolic Logic	3
21. Symbolic Logic its organ and development	3
22. Modern classification of proposition	3
23. Truth Table	2
24. Negation	2
25. Hypothetical Alternative	3
26. Disjunction and conjunction	4
27. Inference and analogy	3
28. Meaning and definition of analogy	2
29. Nature of Analogy	2
30. Analogy or scientific induction	3
31. Analogy and simple argument	2
32. Strength of Analogical argument	2

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Topics to be covered	Number of Hours
88.What is Logic	2
89.Branches of logic (Philosophy)	2
90.Deductive Logic	2
91.Induction	2
92.Nature of Logic	2
93.Scope of Logic	2
94.Logic as science of science and Art's of Art's	2
95.Logic of positive science	2
96.Logic of Normative science Reasoning	3
97. Fundamental laws of thought	3
98. Law of preposition	3
99. Law of contradiction	2
100. Law of excluded	2
101. Middle reason	2
102. Law of sufficient reason	3
103. Proporition Induction	2
104. Distiction between a proposition And gramatical sentence	3
105. Kinds of proposition	2
106. Clarification of pro position	5
107. Defination of opposition	3
108. Opposition of proposition	2
109. Square of opposition in A .E .I .O	3
110. Syllagism Introduction	3
111. Chareterision of syllogism	2
112. Kinds of syllogism	2
113. General rules of syllogism	2
114. Catergorical syllogism	2
115. Moods	3
116. Study of figures	4

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Topics to covered	Num of periods
1. Introduction to Logic	2
2. Inductive Logic	2
3. Nature and history of inductive Logic	3
22.Inductive Method	2
23.Inductive method and science	3
24.Kinds of Induction	3
25.Meaning of Hypothesis	2
26.Origin of Hypothesis	3
27.Forms of Hypothesis	3
10.Condition of valid Hypothesis	3
11.Proofs of Hypothesis	3
12.Observation – Experiment	3
13.role of observation in Science	4
14.Kinds of Observation	3
15.Advantage of Observation	2
16.definition of Experiment	2



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Topics to be covered	Number of Hours
117. What is Logic	2
118. Branches of logic (Philosophy)	2
119. Deductive Logic	2
120. Induction	2
121. Nature of Logic	2
122. Scope of Logic	2
123. Logic as science of science and Art's of Art's	2
124. Logic of positive science	2
125. Logic of Normative science	3
Reasoning	
126. Fundamental laws of thought	3
127. Law of Identity	3
128. Law of contradiction	2
129. Law of excluded	2
130. Middle reason	2
131. Law of sufficient reason	3
132. Proposition Induction	2
133. Distinction between a proposition	3
And grammatical sentence	
134. Kinds of proposition	2
135. Clarification of proposition	5
136. Definition of opposition	3
137. Opposition of proposition	2
138. Square of opposition in A .E .I .O	3
139. Syllogism Introduction	3
140. Characterisation of syllogism	2
141. Kinds of syllogism	2
142. General rules of syllogism	2
143. Categorical syllogism	2
144. Moods	3
145. Study of figures	4

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1. Introduction to Logic	2
2. Inductive Logic	2
3. Nature and history of inductive Logic	3
28. Inductive Method	2
29. Inductive method and science	3
30. Kinds of Induction	3
31. Meaning of Hypothesis	2
32. Origin of Hypothesis	3
33. Forms of Hypothesis	3
10. Condition of valid Hypothesis	3
11. Proofs of Hypothesis	3
12. Observation – Empiricism	3
13. Role of observation in Science	4
14. Kinds of Observation	3
15. Advantage of Observation	2
16. Refinement of Experiment	2
17. Nature of experiment in Science	3
18. Advantage of experiment	2
19. Symbolic Logic	2
20. Uses of symbolic Logic	3
21. Symbolic Logic its origin and development	3
22. Modern classification of proposition	3
23. Truth Table	2
24. Negation	2
25. Hypothetical Alternative	3
26. Disjunction and conjunction	4
27. Inference and analogy	3
28. Meaning and definition of analogy	2
29. Nature of Analogy	2
30. Analogy or scientific induction	3
31. Analogy and simple comparison	2
32. Strength of Analogical argument	2
17. Nature of experiment in Science	3
18. Advantage of experiment	2
19. Symbolic Logic	2
20. Uses of symbolic Logic	3
21. Symbolic Logic its origin and development	3
22. Modern classification of proposition	3
23. Truth Table	2

24. Negation	2
25. Hypothetical Alternative	3
26. Disjunction and conjunction	4
27. Inference and analogy	3
28. Meaning and definition of analogy	2
29. Nature of Analogy	2
30. Analogy or scientific induction	3
31. Analogy and simple argument	2
32. Strength of Analogical argument	2