

TB145360

Reg.No.....

Name.....

BA DEGREE (C.B.C.S.S.) EXAMINATION, OCTOBER 2016

SEMESTER V ECONOMICS

ECO5LRA(O) LOGIC AND REASONING APTITUDE

Time: Three Hours

Maximum: 80 marks

Part A

Answer *all* questions.

Each question carries 1 mark

1. In reasoning conclusion is drawn from _____.
2. What is logic?
3. What is induction?
4. Arguments are said to be valid, whereas propositions are said to be _____.
(Valid, True, Invalid)
5. If an argument is cogent it must be a _____ argument.
6. Complete the series: B,_, N, T, _____.
7. If 'No men are selfish' is true, 'Some men are selfish' is _____.
8. The word 'because' is a _____ indicator.
9. Give an example of deductive argument.
10. If the premises and conclusion of an argument is true, that argument is called _____.

(10x1=10)

Part B

Answer any eight of the following questions each in a paragraph (not exceeding 100 words)

Each question carries 2 marks

11. Define judgment.
12. How can you define a proposition? Elucidate its structure.
13. What is the structure of an argument?

14. Explain the Law of Universal Causation.
15. Explain the method of identifying the conclusion of an argument.
16. What are sound arguments?
17. Distinguish between arguments and non-arguments.
18. What is an inductive argument? Explain its nature.
19. Check the validity of the following argument.

All men are mortal.

John is a man

Therefore John is mortal.

20. What is a syllogism?
21. What is inference?
22. Distinguish between a proposition and a sentence.

(8x2=16)

Part C

**Answer any six of the following questions in one and a half pages each
(not exceeding 150 words)**

Each question carries 4 marks

23. Give an account of the subject matter of logic?
24. Write any two invalid argument forms.
25. Check the validity of the following arguments.
All men are mortal.
All politicians are men.
Therefore all mortals are politicians
26. Distinguish between an inductive and deductive argument.
27. What are cogent arguments?
28. How can we determine the validity and invalidity of an argument?
29. What are conditional statements? Distinguish it from categorical statement.
30. What is meant by reasoning aptitude?
31. What are normative sciences?

(6x4=24)

Part D

Answer any Two of the following questions not exceeding four pages.

Each question carries 15 marks

32. Define logic and explain its nature and scope.
33. What are non-arguments? How are they different from arguments?
34. Give an account of the nature of logical reasoning and explain the important uses of studying logic.
35. What are the stages characteristics of scientific induction? **(2x15=30)**