

ECAT Pre General Science Mathematics Chapter 3 Logic

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Sr	Questions	Answers Choice
1	Question Image	A. false B. true C. not valid D. undefine
2	~ p is the	A. implication of p B. disjunction of p C. negation of p D. conjuction of p
3	Question Image	A. hypothesis B. implication C. consequent D. conditional
4	If p is false, -p is	A. True B. Not true C. Equal to p D. Conjunction
5	Deduction is mostly used in	A. elementary mathematics B. natural science C. higher mathematics D. medicine
6	10 is a even number or 0 is a natural number, then truth value of this disjunction is	A. false B. true C. not discussed D. negation of first
7	Disjunction of p and q is	A. p or q B. p and q C. p if q D. p implies q
8	Basic-principles of deductive logic were laid down by:	A. Euelid B. Leibniz C. Aristotle D. Newton
9	While writing his books on geometry, Euelid used	A. Inductive method B. Deductive method C. Implication D. proposition
10	Any two propositions which is combined by the word "and" and form a compound proposition is called	A. conditional of the original proposition B. consequent of the original proposition C. disjunction of the original proposition D. conjunction of the original proposition
11	Deductive logic in which every statement is regarded as true or false and there is no other possibility is called	A. deductive logic B. inductive logic C. Aristolian logic D. non-Aristolian logic
12	Question Image	A. p and q B. p or q C. p implies q D. p is equivalent to q
13	A declarative statement which may be true or false but not both is called a	A. Hypothesis B. Proposition C. implication D. conjunction
14	For reasoning, we have to use	A. implication B. conjunction C. induction D. proposition

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15	According to Aristotle, in proposition there could be	A. one possibilities B. two possibilities C. three possibilities D. seven possibilities
16	The disjunction of two statements p and q, is denoted symbolically as	
17	The conjunction of 3>5, and 5<9, is	A. false B. true C. unknown D. disjunction
18	A conjunction is considered to he true only if both its components are	A. false B. equilvalent C. equal D. true
19	10 is a even number or 0 is a natural number, then truth value of this disjunction is	A. False B. True C. Not discussed D. negation of first
20	All men are mortal, We are men, there fore, we are also mortal. This is a useful example of	A. Deduction B. Induction C. Conjuction D. disjunction