ECAT Pre General Science Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	~ p is the	A. implication of p B. disjunction of p C. negation of p D. conjuction of p
2	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
3	An implication of p and q is denoted by	
4	-p is the	A. Implication of p B. disjunction of p C. negation of p D. conjunction of p
5	If both p and q are false, then the disjunction of p and q is	A. false B. true C. equal D. equivalent
6	To draw conclusions front premises believed to be true, this way of reasoning is called	A. deduction B. induction C. implication D. disjunction
7	Question Image	A. hypothesis B. implication C. consequent D. antecedent
8	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 propositoin
9	Basic-principles of deductive logic were laid down by:	A. Euelid B. Leibniz C. Aristotle D. Newton
10	Question Image	A. hypothesis B. implication C. consequent D. conditional
11	A conjunction is considered to be true only if both its components are	A. False B. Equivalent C. Equal D. True
12	A declarative statement which may be true or false but not both is called a	A. Hypothesis B. Proposition C. implication D. conjunction
13	The converse and Inverse are	A. Equivalent to each other B. Opposite to each other C. Equal to each other D. Not Equal to each other
14	If p is false, -p is	A. True B. Not true C. Equal to p D. Conjunction
15	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-Aristotlian logic
16	Question Image	A. false B. true C. not valid D. undefine
17	To draw conclusions from some experiments or few contacts only is called:	A. Deduction B. Implication C. Conjunction D. Induction
18	According to Aristotle, in preposition there could be	A. One possibility B. Two possibility C. three possibility D. Seven possibilites
19	All men are mortal. We are men, therefore, we are also mortal. This is a useful example of	A. deduction B. induction C. conjunction D. disjunction
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