

ECAT Pre General Science Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	The greater part of our knowledge, is based on	A. deduction B. induction C. conjunction D. disjunction
2	The statements of the form "If p then q" are called	A. hypothesis B. conditional C. disjunction D. conjunction
3	Deduction is mostly used in	A. elementary mathematics B. natural science C. higher mathematics D. medicine
4	For reasoning, we have to use	A. implication B. conjunction C. induction D. proposition
5	-p is the	A. Implication of p B. disjunction of p C. negation of p D. conjunction of p
6	A statement which is already false is called	A. Tautology B. Contrapsitive C. Absurdity D. Universal quantifiers
7	Any conditional and its contrapositive are	A. Equilavant B. Opposite C. Equal D. Not Equal
8	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
9	The greater part of our knowledge,is based on	A. Deduction B. Induction C. Conjunction D. Disjunction
10	Disjunction of p and q is	A. p or q B. p and q C. p if q D. p implies q
11	The symbol∋ stand for	A. Such that B. There exist C. For all D. Belongs to
12	If p is false, ~ p is	A. true B. not true C. equal to p D. conjuction
13	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
		A. hypothesis
14	Question Image	B. implication C. consequent D. antecedent
15	An implication of p and q is denoted by	
16	10 is a even number or 0 is a natural number, then truth value of this disjunction is	A. False B. True

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17	The conjunction of 3>5, and 5<9, is	A. false B. true C. unknown D. disjunction
18	Question Image	A. p and q B. p or q C. p implies q D. p is equivalent to q
19	A statement which is already false is called	A. Tautology B. Contrapsitive C. Absurdity D. Universal quantifiers
20	Basic principles of deductive logic were laid down by	A. Euclid B. Leibniz C. Newton D. Aristotle