

## ECAT Pre General Science Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	$\sim p$ is the	A. implication of p B. disjunction of p C. negation of p D. conjunction of p
2	The greater part of our knowledge, is based on	A. deduction B. induction C. conjunction D. disjunction
3	Question Image <input type="text"/>	A. hypothesis B. implication C. consequent D. conditional
4	Logic in which there is scope of third or fourth possibility is called.	A. non-Aristotlian logic B. Aristotlian logic C. Postulates D. induction logic
5	Basic principles of deductive logic were laid down by	A. Euclid B. Leibniz C. Newton D. Aristotle
6	A conjunction is considered to be true only if both its components are	A. false B. equivalent C. equal D. true
7	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
8	The conjunction of $3 > 5$ , and $5 < 9$ , is	A. false B. true C. unknown D. disjunction
9	Deduction is mostly used in	A. elementary mathematics B. natural science C. higher mathematics D. medicine
10	If p is false, $\sim p$ is	A. true B. not true C. equal to p D. conjunction
11	Basic-principles of deductive logic were laid down by:	A. Euelid B. Leibniz C. Aristotle D. Newton
12	The conjunction of $3 > 5$ , and $5 > 9$ , is	A. False B. True C. Disjunction D. Unknown
13	While writing his books on geometry, Euelid used	A. Inductive method B. Deductive method C. Implication D. proposition
14	Disjunction of p and q is	A. p or q B. p and q C. p if q D. p implies q
15	To draw conclusions from some expreiments or few contacts only is called	A. deduction B. implication C. conjunction D. induction

16	Question Image	A. conclusion B. consequent C. hypothesis D. conditional
17	Any conditional and its contrapositive are	A. Equilavant B. Opposite C. Equal D. Not Equal
18	Question Image	A. false B. true C. not valid D. undefine
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	Question Image	A. p and q B. p or q C. p implies q D. p is equivalent to q