ECAT Pre General Science Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	According to Aristotle, in preposition there could be	A. One possibility B. Two possibility C. three possibility D. Seven possibilites
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	Question Image	A. false B. true C. not valid D. undefine
4	We often consult doctors or lawyers on the basis of their good	A. personality B. behaviour C. reputation D. good dealing
5	To draw conclusions front premises believed to be true, this way of reasoning is called	A. deduction B. induction C. implication D. disjunction
6	Any conditional and its contrapositive are	A. Equilavant B. Opposite C. Equal D. Not Equal
7	A conjunction is considered to be true only if both its components are	A. False B. Equivalent C. Equal D. True
8	The greater part of our knowledge, is based on	A. deduction B. induction C. conjunction D. disjunction
9	Basic principles of deductive logic were laid down by	A. Euclid B. Leibniz C. Newton D. Aristotle
10	To draw conclusions from some experiments or few contacts only is called:	A. Deduction B. Implication C. Conjunction D. Induction
11	The symbol∋ stand for	A. Such that B. There exist C. For all D. Belongs to
12	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
13	Conjunction of two statements p and q is denoted symbolically as	
14	A conjunction is considered to he true only if both its components are	A. false B. equilvalent C. equal D. true
15	The conditional statement "If p then q" is logically equivalent to the statement.	A. Not p or Not q B. Not p and Not q C. Not p or q D. p or q
16	An implication of p and q is denoted by	
		A. elementary mathematics

17	Deduction is mostly used in	B. natural science C. higher mathematics D. medicine
18	Which of the following statement, is ture	A. Lahore is in Punjab and 5>7 B. Lahore is the capital of Pakistan and 3<23 C. Lahore is capital of Sindh and 2+2=7 D. Lahore is the capital of Sindh or 2+2 = 4
19	The statements of the form "If p then q" are called	A. hypothesis B. conditional C. disjunction D. conjunction
20	The conjunction of 3>5 , and 5>9, is	A. False B. True C. Disjunction D. Unknown