ECAT Pre General Science Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	A statement which is already false is called	A. Tautology B. Contrapsitive C. Absurdity D. Universal quantifiers
2	Question Image	A. false B. true C. not valid D. undefine
3	According to Aristotle, in preposition there could be	A. One possibility B. Two possibility C. three possibility D. Seven possibilites
4	Conjunction of two statements p and q is denoted symbolically as	
5	A statement which is already false is called	A. Tautology B. Contrapsitive C. Absurdity D. Universal quantifiers
6	To draw conclusions from some experiments or few contacts only is called:	A. Deduction B. Implication C. Conjunction D. Induction
7	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
8	According to Aristotle, in proposition there could be	A. one possibilities B. two possibilities C. three possibilities D. seven possibilities
9	Which of the following statement, is true	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
10	While writing his books on geometry, Euelid used	A. Inductive method B. Deductive method C. Implication D. proposition
11	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
12	If both p and q are false, then the disjunction of p and q is	A. false B. true C. equal D. equivalent
13	The symbol ∃ stand for	A. Such that B. This implies that C. For all D. There exist
14	The greater part of our knowledge, is based on	A. deduction B. induction C. conjunction D. disjunction
		A. hypothesis

15	Question Image	B. implication C. consequent D. conditional
16	To draw conclusions from some expreiments or few contacts only is called	A. deduction B. implication C. conjunction D. induction
17	~ p is the	A. implication of p B. disjunction of p C. negation of p D. conjuction of p
18	-p is the	A. Implication of p B. disjunction of p C. negation of p D. conjunction of p
19	The symbol ⇒ stand for	A. Such that B. There exist C. For all D. Belongs to
20	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