ECAT (Pre-Eng) Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	Basic principles of deductive logic were laid down by	A. Euclid B. Leibniz C. Newton D. Aristotle
2	Question Image	A. p and q B. p or q C. p implies q D. p is equivalent to q
3	If p is false, ~ p is	A. true B. not true C. equal to p D. conjuction
4	The disjunction of two statements p and q, is denoted symbolically as	
5	While writing his books on geometry, Euelid used	A. Inductive method B. Deductive method C. Implication D. proposition
6	The symbol ⇒ stand for	A. Such that B. There exist C. For all D. Belongs to
7	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-Aristolian logic
8	A daclarative statement which may be true or false but not both is called a	A. hypothesis B. proposition C. implication D. conjuction
9	Basic-principles of deductive logic were laid down by:	A. Euelid B. Leibniz C. Aristotle D. Newton
10	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. Aristotlian logic D. Non-Aristotlian logic
11	The conjunction of 3>5, and 5<9, is	A. false B. true C. unknown D. disjunction
12	An implication of p and q is denoted by	
13	Disjunction of p and q is	A. p or q B. p and q C. p if q D. p implies q
14	We often consult doctors or lawyers on the basis of their good	A. personality B. behaviour C. reputation D. good dealing
15	The conjunction of 3>5 , and 5>9, is	A. False B. True C. Disjunction D. Unknown
16	If both p and q are false, then the disjunction of p and q is	A. false B. true C. equal D. equivalent

17	While witting his hooks on geometry, Euclid used	A. inductive method B. deductive method C. implication D. proposition
18	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
19	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
20	Question Image	A. conclusion B. consequent C. hypothesis D. conditional