

ECAT Mathematics Chapter 3 Logic

Sr	Questions	Answers Choice
1	Question Image	A. hypothesis B. implication C. consequent D. antecedent
2	The disjunction of two statements p and q, is denoted symbolically as	
3	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
4	Question Image	A. conclusion B. consequent C. hypothesis D. conditional
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. Contrapositive C. Absurdity D. Universal quantifiers
7	We often consult doctors or lawyers on the basis of their good	A. personality B. behaviour C. reputation D. good dealing
8	While writing his books on geometry, Euclid used	A. inductive method B. deductive method C. implication D. proposition
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	Any conditional and its contrapositive are	A. Equilavant B. Opposite C. Equal D. Not Equal
11	An implication of p and q is denoted by	
12	Deduction is mostly used in	A. elementary mathematics B. natural science C. higher mathematics D. medicine
13	The conjunction of $3 > 5$, and $5 < 9$, is	A. false B. true C. unknown D. disjunction
14	If p is false, -p is	A. True B. Not true C. Equal to p D. Conjunction
15	The statements of the form "If p then q" are called	A. hypothesis B. conditional C. disjunction D. conjunction
16	Question Image	A. false B. true C. not valid

		D. undefine
17	To draw conclusions from some experiments or few contacts only is called:	A. Deduction B. Implication C. Conjunction D. Induction
18	To draw conclusions from some experiments or few contacts only is called	A. deduction B. implication C. conjunction D. induction
19	The symbol \exists stand for	A. Such that B. This implies that C. For all D. There exist
20	For reasoning, we have to use	A. implication B. conjunction C. induction D. proposition