Logic

Sr	Questions	Answers Choice
1	The disjunction p v q is False when p and q are	A. T, T, B. T, F C. F, T D. F ,F
2	The conjunction p ^ q is true when p and q are	A. T,T B. T, F C. F, T D. F , F
3	The conjuction of two statemens p and q is denoted by	A. p^ q B. p v q C. p ^ -q D. p v-q
4	The disjunction of negation of two sttatements p and q is denoted by	A. p ^ q B. p v q C. p v - q D. p ^ -q
5	The statement "A straight line can be drawn between any two points" is	A. Theorem B. Conjective C. Axiom D. Logic
6	The statemetn that has been proved true based on previously known facts is	A. axiom B. postulate C. thorem D. proof
7	If a = b , b = c then a =c is an example of	A. Axiom B. Postulate C. Theorem D. Proof
8	Which one of the followign statements is true?	A. The set of integers in finite B. The um of the interior angles of any quadrilated is alwyas 180 Degree C. 22/7 =Q' D. All isoscles triangles are quiateral triangles.
9	Which of the following statemetns is the best to represent the negation of the statement"The stove is burning"?	A. The stove is not burning B. The stove is dim C. The stove is turned to low heat D. It is both burning and not burning
10	Who is consiseerd father of formal logic.	A. Aristotle B. Alfred Noth C. Bertrand Russell D. Kurt Godel
11	Which of the following sentences describe deductive reasonging?	A. General conclusions from a limited number of observations B. Based on repeated experiments C. Based on repreated experiments D. Draw conslusion from well-known facts
12	Who is considered Father of formal logic?	A. Aristotle B. Alfred North C. Bertrand Russell D. Kurt Godel
13	The disjuction of two stateemnts p and q is denoted by	A. p ^ q B. p v q C. p ^- q D. p v -q
14	Which of the following expressions is often related to inductive reasonsing.	A. Based on repeated experiments B. If and only if satemetns C. Statement is proven by a theorm D. Based on generla principles

15	The negation of statement p is denoted by	A. ^ p B. v p C. - p D. p
16	The conjunction of two statemetn p and q is the true when.	A. Both p and q are false B. Both p and q are true C. Only q is true D. Only p is true
17	The statemetn "The sum of the interor angle of a triangle is 180^{o} is	A. Converse B. Theorem C. Axiom D. Conditional
18	A conditional is regarded as false only when	A. Antecedent is true and consequent is false B. Consequent is true and antechedent is false C. Antecedent is true only D. Consequent is false only
19	Any condifination and it .....are equivalent	A. negation B. contrapositive C. converse D. Inverse
20	The statemetn "Every integer greater than 2 is a sum of two prime numbers" is	A. Theorem B. Conjecture C. Axiom D. Postulates