## ECAT Mathematics Chapter 23

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | If we have a statement "if p then q" then q is called | A. Conclusion <br> B. Implication <br> C. Unknown <br> D. Hypothesis |
| 2 | If p and q are two statements then their biconditional 'p if q' is denoted by | |
| 3 | A conditional "if p then q" is denoted by | |
| 4 | If p and q are two statements then their conjunction is denoted by | |
| 5 | If P is a proposition then its negative is denoted by | |
| 6 | A statement which is either true or false is called | A. Induction <br> B. Deduction <br> C. Propositicon <br> D. Logic |
| 7 | Question Image | A. A <br> B. A' <br> C. U <br> D. None of these |
| 8 | Question Image | A. A <br> B. B <br> C. U <br> D. None of these |
| 9 | Question Image | A. A <br> B. B <br> C. U <br> D. None of these |
| 10 | Question Image | A. n(A) <br> B. n(B) <br> C. 0 <br> D. 1 |
| 11 | Question Image | A. A <br> B. A' <br> C. U <br> D. None of these |
| 12 | Question Image | A. A <br> B. A' <br> C. U <br> D. U' |
| 13 | Question Image | B. A <br> C. A' <br> D. U |
| 14 | Question Image | A. A <br> B. A' <br> C. U <br> D. A A' |
| 15 | Question Image | |
| 16 | Question Image | |
| 17 | Question Image | A. A <br> B. B <br> C. A'B' <br> D. B'A |
| 18 | Question Image | |
| 19 | Question Image | |
| 20 | Question Image | |