

Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	The set {x} x ∈ A and x ∉ B } is.....	A. A ∪ B B. A ∩ B C. A - B D. B - A A. U B. A C. A ^c D. <p class="MsoNormal"><!--[if gte msEquation 12]><m:oMathPara><m:oMath><style='mso-bidi-font-style: normal'><m:r></m:r></i></m:oMath></m:oMathPara><![endif]--><!--[if !msEquation]--><!--[if gte vml 1]><v:shapetype id=_x0000_t75" coordsize="21600,21600" o:spt="75" o:preferrelative="t" path="m@4@5l@4@11@9@11@9@5xe" filled="f" stroked="f"> <v:stroke joinstyle="miter"/> <v:formulas> <v:f eqn="if lineDrawn pixelLineWidth 0"/> <v:f eqn="sum @0 1 0"/> <v:f eqn="sum 0 0 @1"/> <v:f eqn="prod @2 1 2"/> <v:f eqn="prod @3 21600 pixelWidth"/> <v:f eqn="prod @3 21600 pixelHeight"/> <v:f eqn="sum @6 1 2"/> <v:f eqn="prod @7 21600 pixelWidth"/> <v:f eqn="sum @8 21600 0"/> <v:f eqn="prod @7 21600 pixelHeight"/> <v:f eqn="sum @10 21600 0"/> </v:formulas> <v:path o:extrusionok="f" gradientshapeok="t" o:connecttype="rect"/> <:lock v:ext="edit" aspectratio="t"/> </v:shape><v:shape id=_x0000_i1025" type="#_x0000_t75" style='width:6.75pt; height:14.25pt'> <v:imagedata src="file:///C:/Users/Softsol/AppData/Local/Temp/msohmlclip1/01/clip_image001.png" o:title="" chromakey="white"/> </v:shape><![endif]--><!--[if !vml]--><![endif]--><!--[endif]--><o:p></o:p></p>
2	A ∪ A ^c =.....	
3	A ∩ A ^c =	A. U B. A ^c C. ∅ D. A
4	The complement of ∅ is.....	A. U B. ∅ C. Impossible D. Union
5	The complement of U is.....	A. U B. ∅ C. impossible D. Union
6	If A ⊆ B and B ⊆ a , then	A. A = B B. A ≠ B C. A ∩ B = ∅ D. A ∪ B = ∅
7	if A ∩ b = ∅, then set A and B aresets.	A. sub B. over kaouubg C. Disjoint D. Power
8	The relation {(1,2),(2,3),(3,3)(3,4)} is.	A. Onto function B. Into function C. Not a function D. One-One function.
9	Point (-1,4) , lies in the quadrant.	A. I B. II C. III D. IV
10	The Range of R	A. {1,2,4} B. {3,2,4} C. {1,2,3,4} D. {1,3,4}
11	={(1,3),(2,2),(3,1)(4,4)} is.	A. {0,3,4} B. {0,2,3} C. {0,2,4} D. {2,3,4}

- 12 If number of elements in set A is 3 and in set B is 2, then number of binary relations in $A \times B$ is.
A. 3
B. 4
C. 7
D. 12
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- 13 if A and B are disjoint sets , then $A \cup B$ is equal to.
A. A
B. B
C. \emptyset
D. $B \cup A$
-
- 14 $(A \cup B) \cup C$ is equal to
A. $A \cap (B \cup C)$
B. $(A \cup B) \cap C$
C. $A \cup (B \cup C)$
D. $A \cap (B \cap C)$
-
- 15 If $A \subseteq B$ then $A - B$ is equal to
A. A
B. B
C. \emptyset