

Sr.No.
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Question
The number of different equivalence relations on set $\{1, 2, 3\}$ is _____
Degree of constant polynomial is
The relation R defined on the set $A = \{1, 2, 3\}$ by $R = \{(1, 2), (2, 1)\}$ is
What is the GCD of 497 and 3015?
If $f(x) = 3x^4 + x^3 + 1$ and $g(x) = x^3 + 2x + 4$ then degree of $[f(x).g(x)]$ is
If $a > 0$ and $x = 4a, y = 6a, z = 9a$ then the geometric mean of x, y, z is.....
If A, B is a subset of R with $\inf A = -2$ and $\inf B = -3$ then $\inf (A \cup B) = \dots\dots$
The graph of $y = 3x - 6$ intersects the X-axis and Y-axis in.....Respectively.
If all Subsequence of (X_n) are convergent then.....
If $A = \{3, 9, 12, 15, 18\}$ then.....

F.Y.B.sc. Sem I (Calculus I & Algebra I) Sample Questions

Option 1	Option 2
3	4
0	1
Reflexive	Symmetric
1	497
4	3
24a	36a
-3	-2
(2, 0) and (0, -6)	(0, 2) and (-6, 0)
(X_n) may be Convergent	(X_n) must be Convergent.
Sup A does not exist and $\inf A = 3$	Sup A = 18 and $\inf A = 3$

option 3	Option 4
5	6
2	3
Transitive	Algebraic
3	10
12	7
216a	6a
-5	-10
(0, -6) and (2, 0)	(0, -5) and (2, 10)
(X_n) may be Divergent	Cannot predict about the convergence of (X_n)
Sup A= 0 and inf A= -1	Sup A= 10 and inf A= 2