

MTH202

FINAL TERM PAPER 2011

BY ~*Cute_Girl*~

Q1: Let f be defined by 5 marks

Is f one-to-one ?

Q2: Suppose that 200 faculty members can speak French (F) and 50 speak Russian (R).
using inclusive- exclusive (incomplete)

Q3: Find the gcd of 1075, 45 using dividing algorithm. 5 marks

Q 4. Compute $\lim_{x \rightarrow -2.01} f(x)$ and for $x = -2.01$ 3 marks

Q 5: Find the greatest common division for the following pair of integer: 30, 105 2 marks

Q 6: Find the Spanning tree for the graph 2 marks

Q 7 Determine which f is a function?

Q 8. What is the difference between

$\{a,b\}$ and $\{\{a,b\}\}$?

Q 9. How many 3-digits can be formed by using each one of the digits 2,3,5,7,9 only once?

Q10 What is the smallest integer N such that $[N/9]=6$?

Q11. One example is giving in Lec#41 page No.268 topic Transpose

Mostly objective has been taking from old papers and following topics.

Probability

Tree

Sets

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