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MTH101 Current Final Term Papers 2018 To 2020

2020

Paper 1

Today my mth101 paper

1 Q find slope

1Q find work done

2 Q Integration by substitution

1 Q sigma notation Wala tha

1 Q use cylindrical shell find volume

1Q use cylindrical shell find area

1 Q discuss difference between [-1,0](1,0]. Is mn ik graph bna howa thaa

McQ mostly convergent or divergent waly thy

LEC 44 mn sy 3 McQ thy

Or 1 McQ Maclaurin mn sy tha

Is k ilawa integration mn sy bi thy mcq

Paper 2

Mth101 current papers

mth101

definte intgral

L hoptl rule

intigration

newtons methd

in topic me se sbjctve tha sra r mcqs mostly past se thy

2.....

MTH101 k paper main ziada mcqs lectures 38 to 45 sy tay and 2 short question convergence and divergence and one question 3marks ka Find first two terms of taylor series for f(x)=lnx at x=3 and one question lecture 23 sy aya ta

Important formulas

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Paper 3

MTH101 current paper | 16-09-2020 | 05:00 PM

LONG

Volume By cross section perpendicular to x-axis find krna tha?

Area find krna tha?

Radius find krna tha?

Newton's method ka eak question tha?

SHORT

Limit evaluate krni thi?

Force given thi 10N, lenght 8.8 or natural lenght 6.8 given thi, constant k find krna tha lec # 38 m practice question hai ye?

L'Hopital rule ki lec wali example thi sin2x/x?

f(x) given tha f square root t find krna tha?

Antiderivative likhna tha?

if f(x) = cotx+1, find f (pi/4)?

Remember me in your prayers

Good Luck

Paper 4

1. Find a definite integral indicating the arc length of the curve y=3x2 from x=1 to x=3 (2marks)
2. Express the definite integral as limit of Riemann Sum. But don't evaluate further. (2marks)
3. Differentiate the following f(x)= (2 marks)
4. Find a definite integral indicating the area is enclosed by the curves y=x2-2x+1 and y=2x-2 (3marks)
5. Evaluate the indefinite integral by substitution method. (3marks)
6. Limit comparison test. & (5 marks)
7. Find critical points and extreme of f(x)=x2-3x+2 (3 marks)
8. Finding length related question of 3 marks

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9. Applying L Hopital's rule (5 marks)

10. If ∑uk is a series with positive terms and then write the 3 cases for the series to be convergent, divergent or none. (5 marks)

I can't remember two questions. :(

Paper 5

Today my mth101 paper

1 Q find slope

1Q find work done

2 Q Integration by substitution

1 Q sigma notation Wala tha

1 Q use cylindrical shell find volume

1Q use cylindrical shell find area

1 Q discuss difference between [-1,0](1,0]. Is mn ik graph bna howa thaa

McQ mostly convergent or divergent waly thy

LEC 44 mn sy 3 McQ thy

Or 1 McQ Maclaurin mn sy tha

Is k ilawa integration mn sy bi thy mcq

2019

Paper 1

MCQ's from handouts

52 question 40 is MCQ's and 12 subjective

one question is sigma notation

one is to find the arc length

one queston is definite integral and integration by substitution method

one is Taylor series

jo last five chapters thay us mein se zyada mcqs aye thay so unhon ne question type e mcqs diye thay

overall paper was easy

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Remember me in ur prayers

2018

Paper 1

MTH101

last 6 lecture achy sy parh lyna... 5 marks k questions a rhy ha

ToTAL question are 52

Convergence and divergence test, (imp) *

Series and sequence, (imp) *

Limit ,

Newton's method ,

integration (imp) *

Derivatives (img) *

40mcqs,

etc

The End

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