

3rd semester Mathematics Honours
Assignment, Paper-CC-7

Total - 20 Marks

1) Write short notes on the followings:

(i) Gradient of a scalar point function.

(ii) Divergence and curl of a vector.

5

2) Write short notes on Stoke's theorem and Green's theorem.

5

3) Distinguish between ordinary and partial differential equations. Write a short note on applications of PDE.

5

4) Explain briefly the terms, Complete integral, Particular integral, singular integral & general integral as used to solutions of first order PDE.

5

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Submit latest by : 23rd July '2021