

3rd Semester Mathematics (General)  
Assignment, DSC/GE-3

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Total 20 Marks

- 1) Discuss briefly the different important conceptions of point set theory in  $\mathbb{R}$ . 10
- 2) Write a short note on Cauchy sequence and Cauchy's convergence criterion of a sequence. 5
- 3) Distinguish elaborately absolute convergence and conditional convergence of infinite series. 5

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Submit latest by: 23rd July '2021