

Directorate of Distance Education

B.R. Ambedkar Bihar University, Muzaffarpur
T.D.C. 5th Semester Examination 2014 (Session 2012-15)

Mathematics (Hons.) Paper-V

Assignment

Paper – V

F.M. – 20

All questions are of equal vale

Answer any tow questions

1. State and prove Moore-Osgood theorem.
2. State and prove Implicit function theorem.
3. State & prove Fundamental theorem of Integral Calculus

Directorate of Distance Education

B.R. Ambedkar Bihar University, Muzaffarpur
T.D.C. 5th Semester Examination 2014 (Session 2012-15)

Mathematics (Hons.) Paper-VI

Assignment

Paper – VI

F.M. – 20

All questions are of equal vale

Answer any tow questions

1. Define Normalizer of an element of a group G and prove that it is a subgroup of G .
2. State and prove Cauchy's theorem for finite group.
3. State & prove Cauchy-Hamilton theorem.