

B.R. Ambedkar Bihar University, Muzaffarpur
Directorate of Distance Education
T.D.C. 2nd Semester Examination 2016 (Semester 2015-18)
Subject:- Mathematics (Hons.)
Assignment / Internal Assessment (दत्त कार्य)
(Answer all the questions) Full Marks = 20
Paper-II

1. Solve:- $x^5-1=0$
2. Solve the series:- $\sin \alpha + \frac{1}{2} \sin 2 \alpha + \frac{1}{2^2} \sin 3 \alpha$