

NOTICE

Department of Mathematics

SYLLABUS FOR INTERNAL EXAMINATION-B.A./BSc. -1 NEP

CC1/CC2(DIFFERENTIAL CALCULUS)

LIMIT,CONTINUITY AND DIFFERENTIABILITY,MEAN VALUE
THEOREMS(ROLLE,LAGRANGE,CAUCHY),SUCCESSIVE DIFFRENTIATION,EXPANSIONS OF
FUNCTIONS,INDETERMINANT FORM,PARTIAL DIFFERENTIATIONS.

ADDITIONAL (BASIC CALCULUS)

LIMIT,CONTINUITY AND DIFFERENTIABILITY,MEAN VALUE
THEOREMS(ROLLE,LAGRANGE,CAUCHY),EXPANSIONS OF FUNCTIONS.

SKILL(INTEGRAL CALCULUS-FOR CC1 ONLY)

DEFINITE INTEGRAL,BETA AND GAMMA INTEGRALS,DIRITCHLETS INTEGRAL,AREA OF CURVES.

VAC(UNDERSTANDING AND CONNECTING WITH ENVIRONMENT)

UNDERSTANDING OF ENVIRONMENT,NATURAL RESOURCES AN BIODIVERSITY CONSERVATIONS.