



DIRECTORATE OF OPEN AND DISTANCE LEARNING  
DIBRUGARH UNIVERSITY  
DIBRUGARH, ASSAM

No. DU/DODL/Assig/PG/2022/ 5616

Date: 19.05.2022

**NOTIFICATION**

In continuation to the notification No. DU/DODL/Assig/PG/ 2022, Dated 02/05/2022; This is to notify that the assignment questions for M.A./M.Sc. in Mathematics Second Semester for the course **MATH-202: Tensor** is revised as follows:

**Course Math-202: Tensor**

Assignment 1 (10)

- (i) Determine the fundamental metric tensor in spherical polar coordinate system.

Assignment 2 (10)

- (i) Find the expression for covariant derivative of mixed components of a second order tensor.  
Or

Derive Lagrange equation of motion for the case of small oscillations.

  
(Prof. D. K. Chakraborty)  
Director in- charge

**\*Note:** The other questions for the assignments as well as submission guidelines for M.A./M.Sc. Mathematics programme shall remain same.