This question paper contains 2 printed pages]

NA-40-2023

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (First Semester) EXAMINATION NOVEMBER/DECEMBER, 2023

(New Course)

PHYSICS

Paper-II

(Mathematical Methods in Physics)

Time: 10.00 a.m. to 12.00 noon.
Maximum Marks—40
oulsory.
ndicate full marks.
r triple product with proper examples. 15
ESTA FESTIVE
two complex number. 8
7
es a_0 , a_n and b_n .
rule. 8
plementary function for linear
al equation. 7

P.T.O.

WT (2) NA-40-2023

3. Write short notes on any two:

10

- (a) Find Fourier series for square wave.
- (b) Addition, substraction, multiplication of complex number and its complex conjugates.
- (c) Condition for maxima and minima.
- (d) Divergence and curl of vector.

NA-40-2023