

# School of Biomedical Science

Department of Biomedical Science

Mid Term Examination

Exam Date: 29 Sep 2023

Time : 90 Minutes

Marks : 50

## Sem III - MBACNT3003 - Food Analysis

*Your answer should be specific to the question asked*

*Draw neat labeled diagrams wherever necessary*

- 1) Outline IR? K2 (2)
- 2) Define Acid value. K1 (3)
- 3) Interpret the precautionary measures to be followed while crude fiber analysis. K2 (4)
- 4) Illustrate a well labelled drying oven. K2 (6)
- 5) Identify the importance of sample collection. K3 (6)
- 6) Identify the application of NMR. K3 (9)
- 7) Classify the advantages and disadvantages of Refractometry. K4 (8)
- 8) Examine rate zonal centrifugation. K4 (12)

**OR**

Analyse the principle Fourier Transform-Infrared Spectroscopy. K4 (12)