MAHATMA GANDHI UNIVERSITY, KOTTAYAM
MGU-UGP (HONOURS)
FIRST SEMESTER EXAMINATION
(2024 ADMISSION ONWARDS)
COURSE CODE- MG2DSCFTQ100
COURSE TITLE: BASIC BIOCHEMISTRY PRACTICUM

Duration: 1hr Maximum Marks: 35

1. Identify the sugar present in the given sample and report the following test to the examiner
   (i) Molisch's Test
   (ii) Fehling's Test
   (iii) Barfoed's Test
   (iv) Confirmatory Test

   (10 Marks)

2. Write the principle and procedure of Anthrone test for carbohydrates.

   Or

   Write the principle and procedure of biuret test for proteins. (5 Marks)

3. Identify the given amino acid by any of the following test
   (1) Ninhydrin Test
   (2) Xanthoproteic Test
   (3) Millon's Test (5 Marks)

4. Write a test for qualitative analysis of cholesterol

   Or

   Write a test for the qualitative determination of glycerol (5 Marks)

5. Viva Voce (5 Marks)

6. Record (5 Marks)

Mark Distribution		
CO-5	Q no: 1,2,3,4,5,6	35 marks

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MAHATMA GANDHI UNIVERSITY, KOTTAYAM

BSc (Honours) Food Technology and Quality Assurance

Second Semester Practical Examination March 2025 (2024 Admission onwards)

Course Code- MG2MDCFTQ100 Course Title: Food Additives Practicum

Duration: 1 Hour **Total Marks: 35**

1. Detect presence of benzoic acid in the given sample by employing **any two** tests.

   [A] (2x5=10marks)

2. Detect the presence of Sulphurous Acid in the given sample by employing **any two** tests.

   [A] (2x5=10marks)

3. Write down impact of Acidulants on fruit juices **[U]**

   OR

   Write down the Function of Leavening agents in food **[U] (1x5=5 marks)**

3. Viva voce **[E] (5marks)**

4. Certified Record **[E] (5marks)**

Mark Distribution		
CO-5	Q no: 1,2,3,4,5	35 marks