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PG CBCS
M.Sc. Semester-I Examination, 2021
DEPARTMENT OF NUTRITION AND DIETETICS
SUB CODE: NUD 195 (PRACTICAL)
(EXPERIMENTS ON NUTRITIONAL BIOCHEMISTRY)

Full Marks: 50**Time: 3 Hours****Write the answer for each unit in separate sheet****UNIT-9****EXPERIMENTS ON NUTRITIONAL BIOCHEMISTRY I****GROUP-A****Answer any ONE question of the following:****1X25=25**

1. Write the principal and procedure of determination of acid number. 5+10
2. Write the principal and procedure and clinical significance of determination of total cholesterol and HDL. 5+10
3. Write the principal and procedure of creatinine estimation. 5+10

GROUP-B**Answer any ONE question of the following:****1X25=25**

1. Write the principal and procedure and clinical significance of the determination of uric acid. 2+5+3
2. Write the principal and procedure and clinical significance of the determination of blood glucose by the GOD-POD method. 2+5+3

UNIT-10**EXPERIMENTS ON NUTRITIONAL BIOCHEMISTRY II****GROUP-A****Answer any ONE question from the following:****1X25=25**

1. Write the principal and procedure of estimation of lactose in milk. 5+10
2. Write the principal, procedure and clinical significance of estimating serum protein by the Biuret method. 2+5+8
3. Write the principal and procedure for estimation of starch in wheat. 3+12

GROUP-B**Answer any ONE question from the following:****1X25=25**

1. Write the procedure of identification of adulterants in any two foods. 10
2. Write the principal and procedure of albumin and globulin ratio. 2+8
