

**PG CBCS**  
**M.Sc. Semester- I Examination, 2021**  
**FOOD SCIENCE & NUTRITION**  
**PAPER CODE: FSN 195 (PRACTICAL)**  
**(NUTRITIONAL BIOCHEMISTRY AND ANTHROPOMETRY LAB)**

**Full Marks: 50****Time: 4 Hours****Answer any TWO questions of the following:****2X25=25**

1. Write the principle, procedure and clinical significance of estimating serum glucose by GOD POD method. 25
2. Write the procedure for measurement clinical significance of BMI, MUAC and skin fold thickness. 12+3
3. Write the principle, procedure and clinical significance of estimating GTP by semi-auto analyser by the kit method. 3+15+7
4. Write the principle, procedure and clinical significance of estimating cholesterol and HDL by semi-auto analyser by the kit method. 3+15+7
5. Write the use and principle of colorimeter in UV and visual range. Write the principle of Thin Layer Chromatography. 15+10
6. Write the principle, procedure and clinical significance of estimating serum protein by the Biuret method. 3+12+10

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