S.Y.B.A. (Home-Science) - III Semester

Practical on Biochemistry (CORE Elective paper-CE 206)

PRACTICALS

- **Unit – 1**

Qualitative test of carbohydrates

- Benedict's test from urine.
- Barfoed's test from starch.
- Fehling's test from starch.
- Iodine test from starch.

- **Unit- 2**

Qualitative test from proteins

- Xanthoprotein test from egg
- Millon test from egg.
- Biuret test from egg.
- Congulation of protein from egg.

- **Unit- 3**

- Volumatric experiments (One strong acid and one strong base)
- PH measurement

- **Unit -4**

- Iodine value
- Food adulteration – To find adulterants from following food products
  (A)Oil (B) Ghee (C) Turmeric (D) Dry red chilli Powder (E) Milk

- **References**

1. [illegible] -
   [illegible]
2. Advance practical inorganic chemistry –
   By Goel Publications, Meerut, Gardeep raj (Page no. 257 to 264 & 274 - 589 t0 592)