

D 101262

(Pages : 2)

Name.....

Reg. No.....

**FOURTH SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)  
EXAMINATION, APRIL 2024**

(CBCSS)

Home Science-Nutritional and Dietetics

HND 4E 02(01)—DIABETIC CARE AND MANAGEMENT

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

**Part A**

*Answer any **four** questions, each in one paragraph.  
Each question carries 2 weightage.*

1. Diabetic foot.
2. Discuss on glycaemic index.
3. Sugar substitutes.
4. Insulin resistance.
5. Diabetes insipidus.
6. Glucose homeostasis.
7. Somatostatin.

(4 × 2 = 8 weightage)

**Part B**

*Answer any **four** questions, each within one page.  
Each question carries 3 weightage.*

8. Which are the types of diabetes mellitus.
9. Explain ketoacidosis.
10. What are hypoglycaemic drugs.
11. What is diabetic Nephropathy ? What are the symptoms and risk factors of diabetic nephropathy.
12. Role of exercise in the management of diabetes mellitus.
13. Types of insulin.
14. What are the stages of diabetic- retinopathy.

(4 × 3 = 12 weightage)

**Turn over**

**Part C**

*Answer any two questions.  
Each question carries 5 weightage.*

15. Elaborate on the various methods used to diagnose diabetes.
16. Explain diabetes mellitus under the following heads.
  - (a) Definition.
  - (b) Symptoms.
  - (c) Complications.
17. Pathogenesis of cardiovascular diseases in diabetes.
18. Dietary management for diabetes mellitus.

(2 × 5 = 10 weightage)