

SECOND SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2022

(CBCSS)

Home Science (Nutrition and Diatetics)

HND 2C 09—NUTRITIONAL MANAGEMENT IN LIFE STYLE DISEASES

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

General Instructions

1. *In cases where choices are provided, students can attend all questions in each section.*
2. *The minimum number of questions to be attended from the Section / Part shall remain the same.*
3. *The instruction if any, to attend a minimum number of questions from each sub section / sub part / sub division may be ignored.*
4. *There will be an overall ceiling for each Section / Part that is equivalent to the maximum weightage of the Section / Part.*

Part A

Answer any four questions, each in one paragraph.

Each question carries a weightage of 2.

1. Atherogenesis.
2. Ketonuria.
3. DAFNE.
4. Quetlet Index.
5. Dash diet.
6. Stress.
7. Familial hypercholesterolemia.

(4 × 2 = 8 weightage)

Part B

Answer any four questions, each within one page.

Each question carries a weightage of 3.

8. Discuss the pathogenesis of hypertension.
9. Explain the etiological factors and symptoms of underweight.
10. Discuss on the complications of obesity.
11. Role of Fat in development of atherosclerosis.
12. Give account of psychosomatic disorders due to stress.
13. Discuss the etiological factors and symptoms of diabetes.
14. Comment on the types of functional foods suggested for cardiovascular diseases.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Neethu, an adolescent girl whose body weight is 70 kg & height is 5'2". Calculate the gradation of BMI & prepare a weight reducing diet for her with a daily menu.
16. Discuss the nutritional recommendations for management of Diabetes Mellitus.
17. Discuss the risk factors and dietary guidelines for the prevention and treatment of Ischemic Heart Disease.
18. Explain the effect of stress on various organ systems.

(2 × 5 = 10 weightage)

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Home Science and Nutrition and Dietetics

HND 2C 08—CLINICAL AND THERAPEUTIC NUTRITION

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

General Instructions

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Part A

Answer any four questions, each in one paragraph.

Each question carries a weightage of 2.

1. Write a note on soft diet.
2. What is Esophagitis ?
3. What are the objectives of treatment in ulcerative colitis ?
4. What is Leaching ?
5. What is Gout ?
6. Define food allergy.
7. What is enteral nutrition ?

(4 × 2 = 8 weightage)

Turn over

Part B

Answer any four questions, each within one page.

Each question carries a weightage of 3.

8. What are the metabolic changes in fever ?
9. What is Constipation ? Which are the different types of constipation ?
10. Write about different degrees of burns and its complications.
11. What are the causes and symptoms of glomerulonephritis ?
12. Discuss the clinical findings of cirrhosis.
13. Give the dietary modification for a person suffering from lactose intolerance.
14. Write a note on the psychology of feeding a patient.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. What is Diarrhea ? Which are the different types of diarrhea. Give the dietary management.
16. What is acute renal failure ? Explain the principles of diet and dietary management.
17. How can you prevent adverse food reactions ?
18. Explain the causes, symptoms and dietary management of typhoid.

(2 × 5 = 10 weightage)

**SECOND SEMESTER M.Sc. DEGREE [REGULAR/SUPPLEMENTARY]
EXAMINATION, APRIL 2022**

(CBCSS)

Home Science (Nutrition and Diatetics)

HND 2C 07—FOOD SERVICE MANAGEMENT

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

General Instructions

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Part A

Answer four questions, each in one paragraph.

Each question carries a weightage of 2.

1. Define management.
2. Cyclic menu.
3. Flow of traffic.
4. Radiation.
5. Portion control.
6. Non-conventional sources of energy.
7. Behaviour cost.

(4 × 2 = 8 weightage)

Part B

*Answer any **four** questions, each within **one** page.*

Each question carries a weightage of 3.

8. What are the factors affecting menu selection in food service industry ?
9. Explain the significance of BEA and write the steps in budgeting.
10. Classify food service equipment.
11. Discuss the need of professionalism in food industry.
12. What are work heights and storage heights for different areas in kitchen ?
13. Explain the need of laws in food industry.
14. Write on different types of leaderships and its merits.

(4 × 3 = 12 weightage)

Part C

*Answer any **two** questions.*

Each question carries a weightage of 5.

15. Explain the significance of market and significance of marketing mix in catering industry.
16. Elaborate on the scope of food industry and its organisation structure.
17. Discuss in detail the types and styles of food service.
18. What is meant by safe food handling-practices. Write in detail environmental hygiene and sanitation in food industry.

(2 × 5 = 10 weightage)

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Home Science (Nutrition and Diatetics)

HND 2C 06—ONCOLOGY NUTRITION

(2019 Admission onwards)

Time : Three Hours

Maximum : 30 Weightage

General Instructions

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Part A

Answer any four questions, each in one paragraph.

Each question carries a weightage of 2.

1. Immunotherapy.
2. Cancer cachexia.
3. Cancer incidence rate.
4. Stages in the development of cancer.
5. Role of alcohol in cancer.
6. Hospice care.
7. Causes for colon cancer and its prevention.

(4 × 2 = 8 weightage)

Part B

Answer any four questions, each within one page.

Each question carries a weightage of 3.

8. Characteristics of a tumor cell.
9. Different tissue biopsy techniques for diagnosis of cancer.
10. Role of phytochemicals in cancer prevention.
11. Cancer prevention approaches in adults.
12. Lung cancer causes and its prevention.
13. Importance of pre and post operative nutritional care in cancer patients.
14. Dietary management in pancreatic cancer.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Aetiology of cancer.
16. Enteral and parenteral support in cancer.
17. Radiation therapy and nutritional support during radiation therapy.
18. Role of dietitian in cancer care.

(2 × 5 = 10 weightage)