

**SECOND SEMESTER M.Sc. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

(CBCSS)

Home Science (Nutrition and Diabetics)

HND 2C 09—NUTRITIONAL MANAGEMENT IN LIFE STYLE DISEASES

(2019 Admissions)

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. *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. Role of low glyceimic index foods in weight reduction.
2. Comment on Impaired Glucose Tolerance.
3. Etiology of atherosclerosis.
4. Enlist any 2 anti-stress foods and their role in preventing stress.
5. Lifestyle modification to prevent hypertension.
6. Comment on insulin resistance.
7. Write a short note on regulation of body weight.

(4 × 2 = 8 weightage)

Part B

Answer any four questions, each within one page.

Each question carries a weightage of 3.

8. Explain how high glyceimic index, glyceimic load associated with type 2 diabetes.
9. Explain the role of PUFA and MUFA in the management of CVD.

Turn over

10. Explain the biological effects of stress in cardiovascular disease.
11. Explain the role of diet in the management of myocardial infarction.
12. Explain the complications of gestational diabetes mellitus.
13. What are the different methods to assess obesity ?
14. Explain the dietary guidelines of stress management.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Explain the medical complications and dietary management of obesity.
16. Discuss on the symptoms and dietary management of diabetes.
17. Discuss on the etiology, symptoms and dietary management in heart failure.
18. Explain the role of nutrients in stress management.

(2 × 5 = 10 weightage)

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HND 2C 08—CLINICAL AND THERAPEUTIC NUTRITION

(2019 Admissions)

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 regular and light diet.
2. What is transitional feeding ?
3. Write a note on steatorrhea.
4. Comment on keto diet.
5. Discuss the importance of educating the patient regarding dietary management.
6. Write a note on lactose intolerance.
7. Discuss the dietary management on Gout.

(4 × 2 = 8 weightage)

Part B

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

Each question carries a weightage of 3.

8. Comment on the dietary management in acute fevers.
9. Discuss etiological factors and symptoms of chronic gastritis.

Turn over

10. Discuss dietary management in acute pancreatitis.
11. Comment on the principles of management in hepatic coma.
12. Explain the principles of dietary management in food allergies.
13. Detail the principles of dietary management in stroke.
14. Discuss contributory factors and management in Nephrolithiasis.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Write an essay on the medical nutrition therapy and complications of cirrhosis.
16. Elaborate on the nutritional management in the critically ill.
17. Discuss the dietary guidelines in hemodialysis and peritoneal dialysis.
18. Write an essay on the principles of dietary management cancer of the GI tract.

(2 × 5 = 10 weightage)

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Home Science (Nutrition and Diatetics)

HND 2C 07—FOOD SERVICE MANAGEMENT

(2019 Admissions)

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 the term marketing.
2. List out any *four* safe food handling practices.
3. What are the salient features of A la carte menu ?
4. What is meant by the term Induction?
5. Define the term breakeven analysis.
6. Write the relevance of Area of reach.
7. List examples of non-commercial establishments in food service ?

(4 × 2 = 8 weightage)

Part B

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

Each question carries a weightage of 3.

8. Write a short note on steps in constructing a menu.
9. Brief on Functions of Management.

Turn over

10. Write a note on biogas as a non- conventional source of energy.
11. What are the characteristics of buffet service ?
12. Classify equipment's based on size. How can we maintain a heavy-duty equipment ?
13. What are the elements of marketing mix ?
14. Write a note on relevance of performance appraisal.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Discuss about purchasing systems in food service establishment under following headings :
 - (a) Methods of purchase.
 - (b) Open market buying.
 - (c) Negotiated bid buying.
16. Detail on organizational structure and illustrate the organizational chart of a canteen.
17. Describe about records of control to be maintained in a food service establishment.
18. Elaborate on the characteristics of tray service as a food service style.

(2 × 5 = 10 weightage)

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HND 2C 06—ONCOLOGY NUTRITION

(2019 Admissions)

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 on different types of tumours.
2. What is cancer cachexia ?
3. Detail on the methods for diagnosis of malnutrition.
4. What is the role of alcohol in cancer ?
5. Explain the stages of development of cancer.
6. Discuss on the role of vitamins and minerals in cancer prevention.
7. How does excessive intake of salted products lead to Cancer ?

(4 × 2 = 8 Weightage)

Part B

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

Each question carries a weightage of 3.

8. Discuss on oesophageal cancer and its management.
9. Discuss on the cancer prevention approaches in adults.

Turn over

10. Explain on the nutritional implications in radiation therapy.
11. Explain parenteral nutrition support in cancer.
12. Discuss on the biochemical changes that occur in cancer.
13. Explain the role of antioxidants in cancer prevention .
14. Explain the hospice care in cancer.

(4 × 3 = 12 weightage)

Part C

Answer any two questions.

Each question carries a weightage of 5.

15. Detail on the enteral and parenteral support in cancer.
16. What is chemotherapy therapy ? Detail on the nutritional support during chemotherapy.
17. Discuss on the aetiology of cancer.
18. What is bone marrow transplantation ? Write on the nutritional support required for a Cancer patient.

(2 × 5 = 10 weightage)