



WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 4th Semester Examination, 2023

FNTACOR10T-FOOD AND NUTRITION (CC10)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

Answer any four questions from the following

10×4 = 40

1. (a) What is myocardial ischemia? Explain its pathophysiology. (2+2)+2+4
(b) Is it different from myocardial infarction?
(c) Discuss the nutritional management of hyperlipidemia.
2. Describe the role of fat in the causation of atherosclerosis. Why is sodium restricted in hypertension? What do you mean by DASH diet? Explain the role of functional foods in prevention of atherosclerosis. 4+2+2+2
3. Write a short note on anorexia nervosa. Write briefly about nutritional management of asthma. 6+4
4. Write a short note on Phenylketonuria. Give a list of four foods to be excluded in galactosaemia. What is MSUD? Explain the relationship of antioxidants and incidence of cancer. 3+2+2+3
5. Write short notes on etiology and dietary management of osteoporosis. 5+5
6. What dietary modifications are required for treating oral cancer patients? Write a note on Low Sodium Diet and its importance. 4+(3+3)
7. What is gout? How is gout identified clinically and biochemically? Plan a day's diet for an individual suffering from gout. 2+3+5
8. Explain your idea about colon cancer and its pathogenesis. Discuss its dietary management. (2+2)+6
9. Write short notes on (any two): 5+5
(a) GDM
(b) Food exchange list
(c) Artificial sweetener.

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WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 4th Semester Examination, 2023

FNTACOR09T-FOOD AND NUTRITION (CC9)

EPIDEMIOLOGY AND PUBLIC HEALTH

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.*

Answer any *four* questions from the following

10×4 = 40

1. (a) How can we prevent or control communicable diseases? 6+4
(b) Name any four disease causing viruses that spread through drinking water in human beings.
2. (a) What is MMR? 2+5+3
(b) Explain the causes of IMR.
(c) How can the IMR be lowered?
3. (a) Describe the process of purification of water for drinking purposes. 6+4
(b) Briefly discuss about solid waste management.
4. Write short notes on: 5+5
Shigellosis, Indoor air pollution.
5. (a) Describe the National Immunization Schedule for an infant. 4+2+4
(b) What is booster dose?
(c) What is Food Poisoning?
6. What is food-borne disease? Explain. Write short notes on Botulism and food poisoning due to Salmonella. 3+4+3
7. What are the health advices that are given to foreign travellers? Write short notes on prevention measles and mumps. 4+3+3
8. Explain the importance of water. Write a short note on safe drinking water. Discuss about the purification of water on small household scale. 3+3+4
9. (a) Explain the terms: (3+3)+4
(i) COD
(ii) Biomedical Waste Management.
(b) Write a note on mode of transmission of disease.

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FNTACOR08T-FOOD AND NUTRITION (CC8)

Time Allotted: 2 Hours

Full Marks: 40

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Candidates should answer in their own words and adhere to the word limit as practicable.*

Answer any *four* questions from the following

10×4 = 40

1. Discuss about the biochemical method(s) of nutritional status assessment. What are the advantages and limitations of clinical assessment? 4+6
2. Discuss four major nutritional Intervention Programmes to combat malnutrition in India. $2\frac{1}{2} \times 4 = 10$
3. Name two national and two international agencies. Mention their role in combating malnutrition. 4+6
4. Write short notes on: 5×2 = 10
 - (a) ACU
 - (b) Causes and manifestations of iron-deficiency anaemia.
5. Discuss any two identifiable clinical signs of ricket. Explain your understanding about growth chart. How do you propose to assess the nutritional status of preschool children? 3+3+4
6. What is ICDS? State its main objectives. Who are its beneficiaries? What are the services provided under it? 2+3+2+3
7. What is diet survey? State its importance. Discuss in brief any two methods of diet survey along with their advantages and disadvantages. 2+2+(3×2)
8. What is goitre belt? Classify iodine-deficiency disorders. Discuss about NIDDCP. 3+3+4
9. Write short notes on: 5+5
 - (a) RDA
 - (b) Clinical signs of nutritional anaemia.

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WEST BENGAL STATE UNIVERSITY
B.Sc. Honours/Programme 4th Semester Examination, 2023

FNTHGEC04T/FNTGCOR04T-FOOD AND NUTRITION (GE4/DSC4)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.
Candidates should answer in their own words
and adhere to the word limit as practicable.*

*প্রান্তিক সীমার মধ্যস্থ সংখ্যাটি পূর্ণমান নির্দেশ করে।
পরীক্ষার্থীরা নিজের ভাষায় যথা সম্ভব শব্দসীমার মধ্যে
উত্তর করিবে।*

Answer any four questions from the following

10×4 = 40

নিম্নলিখিত যে-কোনো চারটি প্রশ্নের উত্তর দাও

1. What is RDA? Write down the RDA of Ca and Fe for pregnant women. Write down the principle of weaning. What is colostrum? 2+3+3+2
RDA কি? গর্ভবতী মহিলার Ca এবং Fe-এর RDA কত? শিশুকে তোলাখাবার দেবার নীতি সম্পর্কে লেখো। কলোস্ট্রাম কি?
বিশেষ পথ্য ব্যবস্থা কি? উদাহরণ দাও। উদাহরণ সহযোগে রোগীর পথ্যের শ্রেণীবিভাগ করো।
2. What is special feeding method? Give example. Discuss about the classification of therapeutic diet with example. 2+3+5
বিশেষ পথ্য ব্যবস্থা কি? উদাহরণ দাও। উদাহরণ সহযোগে রোগীর পথ্যের শ্রেণীবিভাগ করো।
3. Define the following term: 2×5 = 10
নিম্নলিখিত শব্দগুলির সংজ্ঞায়িত করোঃ
 - (a) Dietetics
ডায়েটেটিক্স
 - (b) Food allergy
ফুড এলার্জি
 - (c) ORS
 - (d) Jaundice
জন্ডিস
 - (e) NIDDM.
4. Write down the dietary management of following condition: 5+5
নিম্নলিখিত অবস্থার খাদ্য ব্যবস্থা সম্পর্কে আলোচনা করোঃ
 - (a) Hyperlipidemia
হাইপারলিপিডেমিয়া
 - (b) Chronic diarrhea.
দীর্ঘমেয়াদী উদারাময়।

5. What is peptic ulcer? Write down the etiology and symptoms of this condition. 2+3+2+3
Why milk is so important in the diet of peptic ulcer?
পেপটিক আলসার কী ? এই অবস্থার কারণ এবং উপসর্গগুলি লেখো। পেপটিক আলসারের খাদ্য তালিকায় দুধের গুরুত্ব আলোচনা করো।
6. Short note: 5+5
সংক্ষিপ্ত টীকা লেখোঃ
(a) Complications in Pregnancy from nutritional standpoint
পুষ্টিজনিত গর্ভাবস্থাকালীন জটিলতা
(b) Importance of breast milk.
মাতৃদুগ্ধের গুরুত্ব সম্পর্কে লেখো।
7. What is fever? Which kind of metabolic changes occur during fever? What is elimination diet? 2+4+4
জ্বর কি ? জ্বরের সময় কি ধরনের বিপাকীয় পরিবর্তন লক্ষ্য করা যায় ? এলিমিনেশন ডায়েট কী ?
8. Differentiate between the following: 5+5
নিম্নলিখিত প্রশ্নগুলির মধ্যে পার্থক্য লেখোঃ
(a) Clear fluid diet and full fluid diet
স্বচ্ছ তরল এবং সম্পূর্ণ তরল পথ্য
(b) Weight Reducing diet and Maintenance diet.
ওজন হ্রাসকারী এবং ওজন নিয়ন্ত্রণকারী পথ্য।
9. Discuss the importance of iron in diet of the pregnant women and protein in lactating women. Provide dietary guidelines for lactating women. 3+3+4
প্রসূতি মহিলার খাদ্যে লোহা ও স্তন্যদানকারী মহিলার খাদ্যে প্রোটিনের গুরুত্ব আলোচনা করো। স্তন্যদানকারী মহিলাদের খাদ্য তালিকা সংক্রান্ত নির্দেশ উল্লেখ করো।

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