

2017

NUTRITION

[ Honours ]

PAPER -- IV

Full Marks : 90

Time : 4 hours

*The figures in the right hand margin indicate marks  
Candidates are required to give their answers in their  
own words as far as practicable*

*Illustrate the answers wherever necessary*

[ OLD SYLLABUS ]

GROUP – A

Answer any two questions, taking one question  
from each of the following Subgroup : 15 × 2

Subgroup – A (a)

1. (a) State the principles adopted for the formulation of therapeutic diet in general.

(Two Over)

- (b) "Dietitian is one of the members of medical team." Justify the statement.
- (c) Write the features of low energy diet.
- (d) State the dietary management of steatorrhea patient. 5 + 4 + 2 + 4
2. (a) Write the major causes of flatulence.
- (b) State the dietary management to recover from constipation.
- (c) What are the causes of acquired disaccharide intolerance ?
- (d) Describe in brief about the protein losing enteropathy. 4 + 5 + 2 + 4
- Subgroup – A (b)
3. (a) What do you mean by athorma ?
- (b) State the different steps of atherosclerosis.
- (c) Write in brief about the nutritional management of hyperlipidaemic patient.
- (d) Write briefly on glomerulonephritis. 2 + 5 + 5 + 3

4. (a) Write the difference between food allergy and inhalation allergy.
- (b) What are the systemic allergic responses due to food allergy ?
- (c) Describe in brief about the dietary management of renal failure patient.
- (d) What do you mean by galactosaemia ?

3 + 4 + 5 + 3

**GROUP – B**

Answer any five questions, taking at least two questions from each of the following Subgroup : 8 × 5

**Subgroup – B (a)**

5. (a) Write the major differences between enteral and parenteral feeding.
- (b) What are the steps adopted for behavioural modification of food intake ? 5 + 3
6. (a) What are the basic difference between overweight and obese ?
- (b) State the major etiological factors for obesity. 4 + 4

7. (a) Write the causes of irritable bowel syndrome (IBS).  
(b) Write the dietary clues for the minimization of (IBS). 3 + 5
8. (a) What do you mean by cholelithiasis and Cholecystitis ?  
(b) Write in brief about the dietary management against gallbladder stone. 3 + 5

Subgroup – B (b)

9. (a) What do you mean by artificial sweeteners ?  
(b) Why glucose monitoring test is not consider as diagnostic test for diabetes mellitus ?  
(c) Write the name of any hypoglycaemic drug and its mode of action. 2 + 3 + (1 + 2)
10. (a) Write the major causes of secondary hypertension.  
(b) Diabetes is not a disease but a syndrome." Justify the statement. 4 + 4

( 5 )

11. (a) What are the major symptoms of chronic nephritis ?
- (b) Write in brief about dietary management for nephrolithiasis. 3 + 5
12. (a) Write the basic difference between heart block and heart failure.
- (b) Why sodium restricted diet is provided to the patient suffering from cardiovascular diseases ? 4 + 4

**GROUP – C**

**Answer any five questions, taking at least two questions from each of the following Subgroup : 4 × 5**

**Subgroup – C (a)**

13. Write the features of fluid diet. 4
14. State etiology of underweight. 4
15. Write in brief on diverticular disease. 4

16. What are the causes of sickle cells anaemia and haemorrhagic anaemia ? 4

Subgroup – C (b)

17. Write the basic causes of inborn error of metabolism with an example. 4

18. What are the basic differences between IDDM and NIDDM ? 4

19. Write the normal values of lipid profile of an adult. 4

20. State the basic steps involved for the onset of hypersensitivity due to food allergen. 4