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UG/II/NUT/H/IV/16 (Old)

2016

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**

(Turn Over)

Subgroup – A(a)

1. (a) Write the condition of the patient when parenteral feeding is adopted.
- (b) "Long term parenteral feeding is not followed" – Justify the statement.
- (c) State the features of light therapeutic diet.
- (d) Write the guidelines for dietary management of the patient suffering from gastric ulcer. 4+3+2+6
2. (a) Write any one test for assessment of liver function.
- (b) State the viral and bacterial causes of fever.
- (c) Describe in brief about the dietary management for the prevention of gall bladder stone.
- (d) Write a short note on pancreatitis. 3+2+5+5

Subgroup – A(b)

3. (a) What are oral hypoglycaemic agents ?
- (b) Write the mode of action of any one oral hypoglycaemic agent.
- (c) State the major causes of Type-2 diabetes mellitus.
- (d) Why wheat is preferred in the diet of diabetic patient than rice ?
- (e) Write the principle of timings of insulin injection in relation with meal supply.
- 2+3+4 +3+3
4. (a) What do you mean by 'ARF' ?
- (b) Write the symptoms of ARF.
- (c) State the energy and protein supply in the diet of ARF patient.
- (d) What are the causes of 'Nephrolithiasis' ?

(4)

- (e) Write the guideline for the dietary management of the patient suffering from 'Nephroliathiasis'. $2+2+4+3+4$

GROUP – B

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

Subgroup – B(a)

5. (a) Write the causative agents of diarrhea.
- (b) State the guidelines for the formulation of therapeutic diet of the patient suffering from chronic diarrhoea. $3+5$
6. (a) What do you mean by viral hepatitis ?
- (b) Write in brief about the dietary management of viral hepatitis patient.
- (c) What is Wilson's disease ? $2+4+2$
7. (a) What do you mean by low energy diet ?

(b) When low energy diet is prescribed ? Write its mode of application.

(c) What do you mean by anorexia nervosa ?
2+(2+2)+2

8. (a) State the etiology of 'Nutritional Anaemia'.

(b) State the dietary care of the patients suffering from nutritional anaemias.
3 + 5

Subgroup – B(b)

9. (a) What do you mean by hyperlipidemia ?
(b) Classify hyperlipidemias.

(c) State in brief about dietary care of the patient suffering from 'Ischemic heart disease'.
2+2+4

10. (a) State different types of 'Special diabetic food'.

(b) What do you mean by inborn error of metabolism ?

- (c) Write in brief about the dietary management of the patient suffering from Uraemia. 2+2+4

11. (a) What do you mean by food allergy ?

(b) Write the basic mechanism of food allergy.

(c) Write in brief the dietary management of food allergy. 2+2+4

12. (a) What do you mean by PKU ?

(b) Write the symptoms of PKU.

(c) State the guidelines for the therapeutic diet formulation of the PKU patient. 2+2+4

GROUP – C

Answer any five questions, taking at least two questions from each of the following Subgroups :

4 × 5

Subgroup – C(a)

13. What do you mean by 'Inflammatory bowel disease' ?

4

14. Write briefly on pathophysiological basis of 'Thalassemia'. 4
15. Justify the statement 'Team approach to healthcare'. 4
16. Write in brief about 'Celiac Sprue'. 4

Subgroup – C(b)

17. Write in brief about 'Artificial Sweeteners'. 4
18. State in short about dietary management of 'Uremia'. 4
19. Write in short about dietary case of hypertension. 4
20. State the principle and application of 'Sodium and potassium exchange list'. 4
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