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UG/II/NUT/H/IV/18 (New)

2018

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

[NEW SYLLABUS]

UNIT-7

Group – A

1. Answer any *five* questions from the following : 2×5
(a) What do you mean by anorexia nervosa ?

(Turn Over)

(2)

- (b) Define steatorrhoea.
- (c) What is bulimia nervosa ?
- (d) Write any two features of BLAND diet ?
- (e) Write any two causes of spastic constipation.
- (f) What do you mean by Inflammatory Bowel disease ?
- (g) Write any two disadvantages of chronic parenteral feeding.
- (h) Define Cholelithiasis.

Group – B

Answer any **four** questions from the following : 5×4

- 2. Write in short about bolus tube feeding and continuous tube feeding. $2\frac{1}{2} + 2\frac{1}{2}$
- 3. Write the composition of ORS and state the importance of its components. $2 + 3$
- 4. How will you assess under weight of 5 yrs children ? What do you mean by 'protein losing entropathy' ? $1 + 2 + 2$

5. What is fever ? How would you classify fever ?
Write the dietary modifications for a patient
suffering from chronic fever. $2 + (1\frac{1}{2} + 1\frac{1}{2})$
6. Discuss the major complications of obesity ? 5
7. What do you mean by 'Malabsorption syndrome' ?
Write the criteria of 'duodenostomy'. $2\frac{1}{2} + 2\frac{1}{2}$
8. What is pre-operative diet ? Write the features
of preoperative diet with its importance. 2 + 3

Group - C

Answer any one question : 15 × 1

9. (a) Write the features of gastric ulcer.
- (b) Differentiate between gastric and duodenal
ulcer.
- (c) Why protein and lipid enriched diet is
provided to ulcer patients ?
- (d) Write the major causes of infantile
diarrhoea. 3 + 4 + 5 + 3

10. (a) What do you mean by formulated diet ?
- (b) State the guideline for the therapeutic diet formulation of haemorrhoids patient.
- (c) Write any three therapeutic advantages of BLAND diet. 3 + 9 + 3

UNIT-8

Group - D

11. Answer any *five* questions from the following : 2×5
- (a) Write the names of any two disinfectants.
- (b) What is generation time of microbes ?
- (c) Name the spoilage organism of canned food.
- (d) Write any two economical importance of fermented food.
- (e) Name two water borne diseases.
- (f) What is mad cow disease ?

(5)

- (g) What do you mean by pandemic food borne disease out break with one example ?
- (h) Write the names of any two methods of solid waste disposal.

Group – E

Answer any **four** questions of the following : 5×4

12. How does radiation can be used for food preservation ? 5
13. Describe in brief about the microbial spoilage of fish and milk. $2\frac{1}{2} + 2\frac{1}{2}$
14. Describe in brief the role of freezing on bacterial growth and vitality. 5
15. State the economical importance of fermented foods with example. 5
16. State the relation between sanitation and hygiene. Write the basic principle followed to maintain food hygiene in kitchen. $2 + 3$

17. What are the indicators of portability of water ?
Write any two tests for testing portability of water. 2 + 3
18. How intrinsic parameter can affect microbial growth? 5

Group – F

Answer any one of the following : 15 × 1

19. (a) Distinguish between food borne intoxication and infections.
- (b) State the common importance of food preservation.
- (c) Describe the most common public health hazards noted due to contaminated food intake and write the steps to prevent it.
- (d) Write in brief about food sterilization. 3 + 4 + (2 + 3) + 3
20. (a) State the effect of high dose of fluorine in drinking water.

(7)

- (b) Describe any one method of bacteriological analysis of milk.
- (c) Write in brief about solid waste disposal process in municipality area.
- (d) Write down the effectiveness of phosphatase test. 4 + 4 + 5 + 2
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