

**Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore-641043.**

Master's Degree Examination –November 2017

Semester- I

**Class : I PG
Major : FSMD**

**Time: 3 hours
Max. Marks: 60**

17MFDC06 Advanced Dietetics I

Part A

Choose the correct answer

10 x 1/2 = 5

1. Which of the following enteral nutrients helps promote gut growth?
 - a. Structured lipids
 - b. Short chain fatty acids produced from fibre fermentation
 - c. Arginine
 - d. Nucleotides
2. Which of the following is a problem common to most methods of obtaining a diet history
 - a. inadequate time
 - b. poor interviewing skills
 - c. long tedious forms to complete
 - d. incorrect estimation of portion size
3. The immunonutrients include
 - a. Arginine
 - b. Glutamine
 - c. Omega-3 fatty acids
 - d. All of the above
4. The metabolic changes in fever includes EXCEPT
 - a. Decreased Glycogen store
 - b. Increased catabolism of protein
 - c. Increased Glycogen store
 - d. Loss of body fluids and electrolytes
5. The mechanism protects the stomach against hydrochloric acid includes
 - a. mucous layer
 - b. prostaglandins
 - c. Urogastrone
 - d. all of the above
6. The cause for peptic ulcers include
 - a. H. pylori infection
 - b. gastritis
 - c. use of aspirin and **NSAIDs** (Non-Steroidal Anti-Inflammatory drugs)
 - d. All of the above
7. Clinical findings in liver disease include mainly
 - a. ascites and edema
 - b. altered amino acid level
 - c. Vitamin and mineral deficits
 - d. All of the above

8. Of the following which dietary recommendation is appropriate for Chronic liver disease with ascites
a. Low sodium diet b. high-protein diet c. low-fat diet d. low-fibre diet
9. Retinol equivalent- unit of measurement used to determine the value of Vitamin A in Beta carotene sources denotes
a. 1 Retinol equivalent -4ug Beta carotene
b. 1 Retinol equivalent -6 ug Beta carotene
c. 1 Retinol equivalent -8ug Beta carotene
d. 1 Retinol equivalent -10ug Beta carotene
10. For a child with autism usually the following diet is recommended
a. Ketogenic diet b. Gluten free-Casein free diet c. DASH diet d. Acid- ash diet

Part B
Answer ALL questions

5 x 4 = 20

Each answer should not exceed 200 words or one page

11. a. Give the therapeutic adaptations of normal diet.
(Or)
11.b. Write a note on soft diet
- 12.a. Classify the types of fevers and changes in metabolism during fevers
(Or)
12.b. Write a note on preoperative diet
- 13.a. Write a note on etiological factors for peptic ulcer.
(Or)
13.b. Give the dietary considerations in treating constipation
- 14.a. Brief on causes of hepatitis
(Or)
14.b. Brief on symptoms of Pancreatitis
- 15.a. Write note on elimination diet
(Or)
15.b. Give practical tips to combat Anaemia

Part C
Answer ALL questions

5 x 7 = 35

Each answer should not exceed 600 words or three pages

- 16.a. Brief on progressive hospital diets
(Or)
- 16.b. Enumerate on enteral feeding
- 17.a. Bring out the general dietary considerations in fever
(Or)
- 17.b. Brief on Pre and post-operative diets
- 18.a. Elaborate on dietary management for Peptic ulcer
(Or)
- 18.b. Give the dietary rationale for mal-absorption syndrome
- 19.a. Elaborate on dietary management for Pancreatitis
(Or)
- 19.b. Give the dietary rationale for cirrhosis
- 20.a. Plan a diet for a child with marasmickwashiorakor and discuss the dietary principles.
(Or)
- 20.b. Discuss the feeding problems and nutritional considerations for a child with Schizophrenia.
