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**5 SEM TDC HSC M 2**

**2021**

( March )

**HOME SCIENCE**

( Major )

Course : 502

**( Dietetics and Dietary Management )**

Full Marks : 80

Pass Marks : 32/24

Time : 3 hours

*The figures in the margin indicate full marks  
for the questions*

1. Fill in the blanks : 1×4=4
- (a) Passing a tube into the stomach or duodenum through the nose is called \_\_\_\_\_ feeding.
- (b) The deficiency of vitamin B<sub>12</sub> causes \_\_\_\_\_ anaemia.
- (c) An adult weighing \_\_\_\_\_ percent more than the standard weight is overweight.
- (d) Goitre is caused due to the deficiency of \_\_\_\_\_.

2. State whether the following statements are True or False : 1×4=4

- (a) Diabetes mellitus prevents the body to utilize glucose partially or completely.
- (b) Stomach stores bile and delivers it during the digestion of food.
- (c) Kidney produces erythropoietin which is essential for the synthesis of RBC.
- (d) Fatty liver is a symptom of Kwashiorkor.

3. Write short notes on the following : 3×4=12

- (a) Diet therapy
- (b) Total parenteral nutrition
- (c) Liquid diet
- (d) Public health nutritionist

4. Answer any four of the following :

- (a) Write the principles of diet therapy. 6
- (b) Write an explanatory note on the pre-operative diet. 6
- (c) Write an explanatory note on dietary care of underweight patient. 6

(d) Mention any four symptoms of diabetes.  
Write a brief note on Type 2 diabetes mellitus. 2+4=6

(e) List down any six responsibilities of a dietitian. 6

5. What are the reasons of iron deficiency anaemia? Discuss briefly the dietary care to be taken to a patient suffering from iron deficiency anaemia. 3+5=8

6. Mention any four causes of peptic ulcer. Describe the dietary management to be taken for peptic ulcer patients. 2+6=8

Or

What do you understand by diet counselling?  
Write briefly on the three basic skills required for counselling. 2+6=8

7. Answer any *two* of the following questions :

(a) What are the causes of liver cirrhosis? Discuss briefly the dietary management of a patient suffering from liver cirrhosis. 4+6=10

( 4 )

(b) Explain any four factors responsible for obesity. Plan a menu for an obese person considering the dietary requirement.  $4+6=10$

(c) Write any five conditions when tube feeding is administered to a patient. Mention any five advantages of tube feeding.  $5+5=10$

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