

2021

FOOD & NUTRITION

[HONOURS]

Paper : VIII

Full Marks : 80

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.*1. Answer any **seven** questions from the following:

1×7=7

- Write any two causes of liver cirrhosis.
- What is meant by insulin resistance?
- What is foam all?
- Define uremia.
- What is phenylketonuria?
- What do you mean by intermittent fever?
- Define android obesity.
- What is anorexia bulimia?
- Write the cause of ulcerative colitis in G.I. tract.

2. Answer any **six** questions from the following:

2×6=12

- What does lipid profile mean? 2
- Write any two symptoms of IBS. 2
- What type of changes is noted in BMR due to fever and why? 1+1=2
- Write any two major causes for underweight. 2
- What is allergen? What are the reactions of food allergen in systematic type? $\frac{1}{2}+1\frac{1}{2}=2$
- What is peritoneal dialysis ? Write any one of its advantage. 1+1=2
- Write any two major causes of cholelithiasis. 2

3. Answer any **three** questions from the following:

7×3=21

- What are the major causes of NIDDM?
 - State the inclusion and exclusion criteria of therapeutic diet formulated for the management of diabetes mellitus. 3+4=7
- Write the differences between macrocytic and microcytic anaemia.

ii) Describe in brief the modification in diet required for the prevention of nutritional anaemia. $3+4=7$

c) i) Write the symptoms of phenylketonuria.
ii) Describe the dietary management of the child suffering from phenylketonuria. $3+4=7$

d) i) Classify obesity on the basis of BMI.
ii) State the clues for dietary modification to prevent obesity. $3+4=7$

e) i) Write any two causes of Wilson's disease.
ii) State the dietary management of Wilson disease. $3+4=7$

4. Answer any **four** questions from the following:
 $10 \times 4 = 40$

a) i) What are pancreatitis and gastritis?
ii) Write the dietary modifications for the recovery from pancreatitis and gastritis. $(1 \frac{1}{2} + 1 \frac{1}{2}) + (3+4) = 10$

b) i) State the differences between acute and chronic nephritis.

ii) What kind of therapeutic diet is given to a patient suffering from chronic nephritis? $3+7=10$

c) i) Write the major types of constipation.
ii) What are the modifications included in diet for the prevention of constipation with justification? $2+8=10$

d) i) Write the causes of myocardial infarction.
ii) Describe the dietary management for the prevention of atherosclerosis. $3+7=10$

e) i) What are the major symptoms noted in diarrhoea?
ii) State the composition of ORS (WHO) and its justification for the correction of diarrhoea. $3+(2+5)=10$