

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain basic composition of proteins ? Explain the sources, nutritional importance of Proteins?
- Q.24 Define vitamins and gives sources and functions of water-soluble vitamins?
- Q.25 Explain in detail the sources and classification of enzymes?

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Roll No.

221123

2nd Year / Food Technology

Subject : Food Chemistry and Nutrition

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Which of the given food items is rich in plant proteins?
a) Cheese b) Milk
c) Legumes d) Egg
- Q.2 Fats are composed of
a) oxygen, nitrogen, and hydrogen
b) carbon, sulphur, and hydrogen
c) carbon, hydrogen, and oxygen
d) carbon, sulphur, and nitrogen
- Q.3 Which of the following minerals controls growth and body weight?
a) Iodine b) Calcium
c) Phosphorous d) All of the above

Q.4 Which of the following statements is true about proteins?

- a) Proteins are made up of amino acids.
- b) Proteins are essential for the development of skin, teeth and bones.
- c) Protein is the only nutrient that can build, repair and maintain body tissues.
- d) All of the above

Q.5 Which of the following food components does not provide any nutrients?

- a) Milk
- b) Water
- c) Fruit Juice
- d) Vegetable soup

Q.6 Potatoes, cereals, beans, pulses and oats are rich in _____.

- a) Proteins
- b) Vitamins
- c) Minerals
- d) Carbohydrates

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Kwashiorkor is deficiency disease of which nutrient?

Q.8 What is the range of water activity?

Q.9 Rickets is deficiency disease of _____.

Q.10 Full form of MUFA.

Q.11 Name water soluble vitamins?

Q.12 Name two rich source of vitamin C.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What is a balanced diet? Explain?

Q.14 What is the importance and sources of different plant pigments?

Q.15 What are food additives ? Give example of some important food additives with their function ?

Q.16 Write a note on water activity?

Q.17 Explain the importance of food groups ?

Q.18 Define vitamins and explain deficiency disease of vitamin A?

Q.19 Explain the function of iron and zinc?

Q.20 Explain the nomenclature of enzymes ?

Q.21 Classify Carbohydrates ?

Q.22 Classify Fats with suitable examples ?