Q.1. Define calorie. What are the various factors that affect the calorie requirement of an individual? (10)

Q.2. Explain with a neat diagram the operating procedure of dishwashing machine. (10)

Q.3. Classify carbohydrates and discuss its functions and food sources. (10)

Q.4. Outline the various methods of solid waste disposal. (10)

Q.5. Answer briefly:
   (a) Dietary fibre
   (b) Complete protein
   (c) Essential fatty acid
   (d) Aims of first aid
   (e) Importance of pest control

   (5x2=10)

Q.6. Write short notes (any five):
   (a) Balanced diet
   (b) Municipal health laws
   (c) Burns and its first aid
   (d) Dietary guidelines for sports person
   (e) Functions of Vit. A
   (f) Food contamination

   (5x4=20)
Q.7. Differentiate between:
(a) Beri Beri and Angular stomatitis
(b) Rickets and osteomalacia
(c) Dry food store and freezer store
(d) Food poisoning and food infection
(e) Rodents and cockroaches

Q.8. Match the following:
(a) Monosaccharide (i) Vit. B₂ deficiency
(b) Pellagra (ii) Hydrogenation
(c) Fat (iii) Carbohydrate
(d) Kwashiorkor (iv) Protein deficiency
(e) Glossitis (v) Niacin deficiency

Q.9. Give full forms of the following:
(a) FIFO (b) EAA (c) MUFA (d) ILT’s (e) MSG

Q.10. Fill in the blanks:
(a) Vit B₁₂ is commonly known as ____________.
(b) Short chain starch molecules are called ____________.
(c) ____________ is a condition of decrease serum calcium level.
(d) ____________ is an ecofriendly pest management system.
(e) Storage form of carbohydrate in animals is ____________.
(f) Calcium absorption is dependent on ____________.
(g) The bond which unites the two amino acids is called ____________.
(h) Liquid oils can be converted to solid fat by a process called ____________.
(i) High blood sugar is also known as ________________.
(j) Essential nutrient for infant growth ____________.