

B.H.M.C.T. SEM-III (2010 COURSE) : WINTER - 2017

SUBJECT: CATERIN SCIENCE-II

Day: **Monday**
Date: **20/11/2017**

W-2017-1459

Time: **12.30 PM TO 3.30 PM**
Max Marks: **80**

N.B.:

- 1) All questions are compulsory.
 - 2) Figures to the right indicate full marks.
-

Q.1 Answer **ANY EIGHT** form the following: **(16)**

- a) Define Balanced diet.
- b) What is smoking point of oils?
- c) Define. 'Nutrition' and 'Nutrients'.
- d) What is BMR?
- f) List four foods rich in sodium?
- g) Explain the importance of dietary fibers?
- h) List four foods to be avoided in diabetes.
- i) List the objectives of cooking.
- j) Write short note on Vit D deficiency.
- k) Define the term therapeutic foods.

Q.2 Answer **ANY FOUR** from the following: **(16)**

- a) Write short note on 'Browning Reaction'?
- b) Convert the following
 - i) 70⁰C
 - ii) 100⁰C
 - iii) 301⁰C
 - iv) 150⁰C
- c) Discuss the vitamin 'A' and under the following heads
 - i) Functions
 - ii) dietary sources
 - iii) deficient of excess
 - iv) RDA
- d) Discuss the role of food additives in food industry.
- f) How to reduce fat intake in diet?

Q.3 Answer **ANY TWO** from the following: **(16)**

- a) Discuss the mineral calcium under the following heads
 - i)Function
 - ii) dietary sources
 - iii) Deficiency
 - iv) RDA
- b) Write short note on fat soluble and water soluble vitamins.
- c) Write short note on rancidity of oils and how it is prevented?

Q.4 Answer **ANY FOUR** from the following: **(16)**

- a) Write short note on Flavorings and raising agents
- b) Write short note on Diet in cardiac disorders.
- c) Discuss the relation between health and nutrition.
- d) Write short note on diet for anemia.
- f) Discuss the food pyramid and basic five food groups.

Q.5 Answer **ANY TWO** from the following: **(16)**

- a) Discuss the importance of protein in diet and write about quality of proteins.
- b) Explain the effect of heat on CHO, Proteins and Fat.
- c) Write the various measures that can be taken to preserve the nutrients in food.