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SEMESTER END THEORY EXAMINATION
B.Sc. (Hons.) Horticulture

Semester	:	III (New)	Academic year	:	2021-22
Course No.	:	H/PHT-231	Course Title	:	Fundamentals of Food and Nutrition
Credits	:	2 (1+1)	Total Marks	:	40
Day and Date	:	Saturday, 23/04/2022	Time	:	12.00 to 1.00
Note :1. Solve ANY FOUR questions from SECTION 'A' . 2. Solve ANY SIX questions from SECTION 'B' . 3. All questions from SECTION 'C' are compulsory.					

SECTION 'A'

(Write the answer in 4-5 sentences only. Each question carries 4 marks)

- Q. 1 Explain social function of food.
- Q. 2 Enlist basic food groups with examples.
- Q. 3 Write in short about functions of minerals
- Q. 4 Enlist different dry heat methods of cooking and explain shallow fat frying method.
- Q. 5 Define vitamin and write functions and sources of vitamins A.

SECTION 'B'

(Write the answer in onesentence only. Each question carries 2 marks)

Do as directed

1. Write two functions of calcium.
2. Define Nutrients
3. Define Simmering
4. Define Food
5. Define Kilocalorie
6. What are the primary treatments of food preparation?
7. Define Balance diet
8. Two advantages of cooking of food

SECTION 'C'

(Choose the correct option. Each question carries 1 mark)

1. Sources of vitamin A			
a)	Liver	b)	Butter
c)	Fish	d)	All of these
2. Fat soluble vitamins			
a)	A	b)	D
c)	E	d)	All of these
3. Osteomalacia causes due to deficiency of calcium			
a)	Calcium	b)	Iron
c)	Nitrogen	d)	None of these
4. Rickets caused due to the deficiency of vitamin			
a)	Vitamin D	b)	Vitamin B
c)	Vitamin C	d)	None of these
5. Anemia caused due to the deficiency of			
a)	Calcium	b)	Iron
c)	Phosphorus	d)	None of these

6. Night blindness caused due to the deficiency of			
a)	Vitamin B	b)	Vitamin A
c)	Vitamin D	d)	Vitamin K
7. Weakness of heart muscles caused due to the deficiency of			
a)	Thiamin	b)	Riboflavin
c)	Vitamin A	d)	Vitamin K
8. Unit of energy present in the food			
a)	Kilocalorie	b)	Kilo
c)	Degree centigrade	d)	Gram
9. Diarrhea and dermatitis caused due to the deficiency of			
a)	Thiamin	b)	Riboflavin
c)	Niacin	d)	Minerals
10. Specific food distributed as a benediction (<i>or Prasad</i>) in religious function comes under function of food			
a)	Social	b)	Psychological
c)	Physiological	d)	None of these
11. Samosa prepared bymethods of cooking			
a)	Deep frying	b)	Shallow frying
c)	Toasting	d)	Baking
12. Vitamin "C" also called as a			
a)	Ascorbic acid	b)	Sulphuric acid
c)	Acetic acid	d)	Nitric acid

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