

**Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore – 641 043**

Mater's Degree Examination – November 2018

III Semester

Class : II PG

Time : 3 Hours

Major : Food Science and Nutrition

Max. Marks : 60

17MFNC19 Food Safety and Security (Self Study)

Part – A

10 x ½ = 5

Choose the Correct Answer

1. ----- is an example of preservative
 - a. Calcium Sorbate
 - b. Potassium Oxalate
 - c. Sodium Hydroxide
 - d. Potassium Chromate
2. WHO started in
 - a. 1948
 - b. 1947
 - c. 1950
 - d. 2015
3. FSSAI Act was commenced in the year -----
 - a. 2010
 - b. 2006
 - c. 2000
 - d. 2015
4. The expansion of FPO is -----
 - a. Fruit Product Order
 - b. Food Process Order
 - c. Food Purchase Order
 - d. Farmer Producer Organisation
5. The permitted level of aflatoxin in cereal is -----
 - a. 45 $\mu\text{g}/\text{kg}$
 - b. 30 $\mu\text{g}/\text{kg}$
 - c. 20 $\mu\text{g}/\text{kg}$
 - d. 15 $\mu\text{g}/\text{kg}$
6. FCI stands for -----
 - a. Foreign cooperation of India
 - b. Food corporation of India
 - c. Food coming of India
 - d. Fossils corporation of India
7. ----- is causative factor for malnutrition.
 - a. Poverty
 - b. Ignorance
 - c. Unemployment
 - d. All of the above
8. Buffer stock is procured by the government through -----
 - a. IFCI
 - b. FICCI
 - c. FCI
 - d. CFTRI
9. ----- are the bacterial sources of contamination in food
 - a. Soil
 - b. Raw food
 - c. Paper
 - d. both a and b
10. Raw food treated with excessive levels of fertilizers, pesticides are a source of ----- of contamination.
 - a. Allergic
 - b. Biological
 - c. Chemical
 - d. Physical

Part – B

5 x 4 = 20

Answer the following

Answer should not exceed 200 words or one pages

- 11.a. Write short notes on adulteration.
(Or)
- 11.b. Explain about the natural toxins.
- 12.a. Write short notes on FAO.
(Or)
- 12.b. Explain about WTO.
- 13.a. Write about the GAP.
(Or)
- 13.b. What are the safety aspects of water?
- 14.a. Write short notes on the factors affecting food security.
(Or)
- 14.b. Describe in short on the measures taken by government regarding food security.
- 15.a. How will you manage supply side policies?
(Or)
- 15.b. Describe the demand side policies.

Part – C

5 x 7= 35

Answer the following

Answer should not exceed 600 words or three pages

- 16.a. Brief a detail on food hazards.
(Or)
- 16.b. Discuss on need and importance of food safety in industries.
- 17.a. Brief on main aspects of FSSAI.
(Or)
- 17.b. Discuss the salient features on AGMARK.
- 18.a. Explain about the Good Manufacturing practices.
(Or)
- 18.b. Brief a detail on Good Agricultural practices.
- 19.a. Explain the interrelationship between hunger and malnutrition.
(Or)
- 19.b. Enumerate the measures to overcome food insecurity.
- 20.a. Brief on the agricultural policies to improve the food security in India.
(Or)
- 20.b. Enumerate the importance of food security to overcome malnutrition.
