



Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

Re-accredited with 'A+' Grade by NAAC. Recognised by UGC Under Section 12B

Coimbatore - 641 043, Tamil Nadu, India

**Bachelor's Degree Examination – January 2021
V Semester**

**Class : III UG
Major : Food Science and Nutrition**

**Time : 3 Hours
Max. Marks: 100**

18BFNC15 Public Health Nutrition

Part A

10X1=10

Choose the correct Answer

1. The following aspect which is considered the component of Public Health Nutrition is
 - a. Dietary guidelines
 - b. Nutritional Epidemiology
 - c. Fortification of foods
 - d. Enrichment of foods
2. The ways in which Government promotes good nutrition is
 - a. Survey to monitor nutrition
 - b. Publishing dietary guidelines
 - c. Legislating against false claims
 - d. Implementing food laws
3. The following techniques which can be used to measure visceral fat distribution is
 - a. Densitometry
 - b. Computed tomography
 - c. Air displacement plethysmography
 - d. Bioelectric impedance analysis
4. A Nutrition assessment program using a subjective global assessment would include evaluation of the following except
 - a. Current body weight compared with usual body weight
 - b. Presence of gastrointestinal symptoms such as diarrhoea or pain
 - c. Serum albumin and prealbumin concentrations
 - d. Presence of oedema or ascites
5. What does Food Security means?
 - a. Availability of food
 - b. Accessibility of food
 - c. Availability and accessibility of food
 - d. Availability, accessibility and affordability of food
6. Buffer stock is the stock of food grains procured by the government through
 - a. IFCI
 - b. FCI
 - c. IDBI
 - d. FICCI
7. A Propagated epidemic is usually the result of Exposing
 - a. Point source
 - b. Continuous common source
 - c. Intermittent common source
 - d. Person-to-Person
8. The biggest challenge to improving global vaccine coverage is
 - a. Limited sources
 - b. Competing health priorities
 - c. Poor management of health systems
 - d. All the above
9. One of the following activities of the Family Welfare Programme is
 - a. IUD programme
 - b. Child marriage
 - c. Malnutrition Programme
 - d. One child one nation policy
10. _____ to be a professional voice for public health nutrition intervention
 - a. UNICEF
 - b. WHO
 - c. USAID
 - d. WPHNA

Part B
Answer ALL questions
Each answer should not exceed 400 words or two pages

5 x 6 = 30

11. a. Illustrate the Public Health Nutrition Cycle.
(or)
11. b. Define Nutritional Status and suggest the best indicator used to assess nutritional status.
12. a. Discuss the importance of Nutrition assessment tool.
(or)
12. b. Describe KAP assessment.
13. a. Explain the components of Food Security and Nutrition Security.
(or)
13. b. Mention how do you analyse the dietary diversity score?
14. a. Justify in what ways epidemiology play a foundational role in Public Health.
(or)
14. b. Explain the types of Immunity.
15. a. Expand and explain UNICEF, ICMR in detail.
(or)
15. b. Brief review about NIHFV.

Part C
Answer ALL questions
Each answer should not exceed 800 words or four pages

5 x 12 = 60

16. a. What is community? Elucidate the difference between Community Nutrition and Public Health Nutrition.
(or)
16. b. Suggest the essential services of Public Health and signify the types of health assessments.
17. a. Elaborate the ABCD'S of Nutritional Assessment.
(or)
17. b. Enumerate the Impact of Indirect Parameters on Nutritional Status of Community.
18. a. Ensure the key measures for improving National Food Security.
(or)
18. b. Enunciate environmental impact on linking Biodiversity and Ecnutrition towards unifying food and nutrition.
19. a. State on "Epidemiologic triad" and determine the epidemiology of respiratory and intestinal infection.
(or)
19. b. What is Immunization? Give the detail review of National and International Programme on Immunization.
20. a. Assess the Nutrition Intervention Programmes of WHO, WPHNA that influence the Health and Nutrition.
(or)
20. b. Narrate the impact of PHFI in Public Health Nutrition.
