



**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**

**18BFNC16 Nutrition in Diseases – II**

**Part A**

**10X1=10**

**Choose the Correct Answer**

1. Peptic Ulcers may be caused by all of the following except
  - a. Emotional stress and eating spicy foods
  - b. Bacterial Infection with Helicobacter pylori
  - c. Long term use of non steroidal anti inflammatory agents (NSAIDS)
  - d. Malignant tumours in the stomach or Pancreas
  
2. Intestinal lining is harmed by
  - a. Aspirin
  - b. Antibiotics
  - c. Caffeine
  - d. Alflotoxin
  
3. Interferon is prescribed for the treatment of
  - a. Hepatitis A
  - b. Chronic Hepatitis B
  - c. GERD
  - d. Diverticulitis
  
4. Late stage of chronic liver disease is
  - a. Liver failure
  - b. Cirrhosis
  - c. Liver cancer
  - d. Fatty liver
  
5. The term refers to the kidney function is
  - a. Hepatic
  - b. Renal
  - c. Dialysis
  - d. Urinary
  
6. The following aspect does not affect the serum creatinine concentration in chronic kidney disease
  - a. Glomerular filtration rate
  - b. Tubular secretory function
  - c. Fluid overload
  - d. Skeletal muscle mass
  
7. The rash seen in Typhoid Patients is referred to as
  - a. Tomato spots
  - b. Dew Drops spots
  - c. Flame spots
  - d. Rose spots
  
8. The common symptom of Food Allergy is
  - a. Head ache
  - b. Vomiting
  - c. Swelling of airways to the lungs
  - d. nausea
  
9. The high prevalence of cancer in human being is
  - a. Brain cancer
  - b. Leukaemia
  - c. Skin cancer
  - d. Colon cancer
  
10. HIV attacks \_\_\_\_\_ kind of cell in the Immune system
  - a. RBC
  - b. WBC & T-Cells
  - c. Platelets
  - d. Epithelial cells

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

**Each answer should not exceed 400 words or two pages**

- 11.a. Enumerate the factors damage or protect the Destructive and Defensive mucosa in Peptic Ulcer.  
(or)
- 11.b. List the food preparation which can be used in rehydration of acute diarrhoea.
- 12.a. Write down the functions of Liver.  
(or)
- 12.b. Discuss Viral Hepatitis, in detail.
- 13.a. Mention the general principles of Dietary management in Renal Diseases with examples.  
(or)
- 13.b. Brief about Renal Calculi.
- 14.a Justify the statement of “Tuberculosis called as wasting disease”  
(or)
- 14.b. What is meant by Elimination Diet? What do you understand by adverse food reactions? Explain giving examples.
- 15.a. What is cancer? Briefly discuss the steps involved in cancer development.  
(or)
- 15.b. Mention the importance of screening the patients for HIV positive in earlier manner.

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

**Each answer should not exceed 800 words or four pages**

16. a. Explain the current nutritional management approach of peptic ulcer.  
(or)
- 16.b. Discuss the role of dietary fibre intake for relieving constipation and Justify your selection foods for prevention of constipation.
- 17.a. What do you understand by the term “Liver cirrhosis”? Enumerate the etiological factors involved in its pathogenesis.  
(or)
- 17.b. Elucidate the Dietary recommendations for Hepatic Encephalopathy.
- 18.a. Mention the detail recommendation of Protein intake for ARF and CRF patients.  
(or)
- 18.b. What is Dialysis? Elaborate the types of dialysis.
- 19.a. State any five metabolic changes occurring in the body as a consequence of Infection.  
(or)
- 19.a. Narrate the statement of “Food Allergy is Immune mediated response”.
- 20.a. Discuss the guidelines for cancer prevention and Justify the selection of functional foods to prevent cancer.  
(or)
- 20.b. Elaborate your strategies in prevention and suggestion in Nutritional management for HIV/AIDS patients.

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