



**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

**Master's Degree Examination – June / July 2021**  
**II Semester**

**Class : I PG**  
**Major : Food Service Management and Dietetics**

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

**20MFDC11 Advanced Dietetics II**

**Part – A**  
**Choose the Correct Answer**

**10 x1=10**

1. What is the definition of overweight?  
a. BMI -  $>25\text{kg/m}^2$     b. BMI –  $25\text{ kg/m}^2$     c. BMI –  $25-29.9\text{ kg/m}^2$     d. BMI-  $25-30\text{ kg/m}^2$
2. What type of diet is recommended for weight maintenance?  
a. low protein and low GI    b. high protein and high GI  
c. low protein and high GI    d. high protein and low GI
3. Presence of RBC in urine is known as  
a. proteinuria    b. hematuria    c. urolithiasis    d. nephritis
4. Insulin is a natural hormone secreted by which organ or gland?  
a. kidneys    b. liver    c. pancreas    d. spleen
5. Which is a condition in which the kidneys are unable to conserve water?  
a. Diabetes mellitus    b. Diabetes insipidus  
c. Gestational diabetes    d. Diabetic coma
6. Which is not a symptom of diabetes?  
a. Itchy skin    b. Frequent urination    c. Thirst    d. Muscle pain
7. What is a myocardial infraction ?  
a. Heart failure    b. Heart attack    c. Cardiac arrest    d. all the above
8. In the heart a clogged artery causes a heart attack in the brain it causes a  
a. migrane    b. mental illness    c. stroke    d. seizure
9. Which is the most common type of cancer that kills men  
a. prostate cancer    b. oral cancer    c. lung cancer    d. penile cancer
10. Which is the most common form of cancer in all humans  
a. brain cancer    b. leukemia    c. skin cancer    d. colon cancer

**Part B**

**5 x 6 = 30**

**Answer ALL questions**

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

- 11.a. Outline the concepts of dietary modifications.  
(or)  
11.b. Examine the causes of obesity and underweight.
- 12.a. Enlist the significance of oral hypoglycaemic drugs.  
(or)  
12.b. Brief on the importance of non-nutritive sweeteners.
- 13.a. Explain the factors to be considered for acute cardiac diseases.  
(or)  
13.b. Write short note on non-nutrient sources of sodium.
- 14.a. Summarise on dietary modifications in uremia.  
(or)  
14.b. Give the nutritional requirements for intra dialytic parenteral nutrition.
- 15.a. Discuss on the types of cancer.  
(or)  
15.b. Elaborate the nutritional requirements for AIDS.

**Part C**

**5 x 12 = 60**

**Answer ALL questions**

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

- 16.a. Discuss the dietary modifications for obesity.  
(or)  
16.b. Explain about the dietary management in gout.
- 17.a. Differentiate the nutritional significance of food exchange, glycaemic index and glycaemic load.  
(or)  
17.b. Discuss about the metabolic derangements in diabetes.
- 18.a. Explicate the nutritional requirement for atherosclerosis.  
(or)  
18.b. Summarise the significance of functional foods and antioxidants with respect to cardiac diseases.
- 19.a. Enumerate the clinical needs in glomerulonephritis and nephrosis.  
(or)  
19.b. Mention the importance of kidney transplantation.
- 20.a. Explain the recent advancement in cancer therapy.  
(or)  
20.b. Elucidate on the importance of computer assisted instructions.

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