

TILAK MAHARASHTRA VIDYAPEETH, PUNE
M.SC. IN NUTRITION & FOOD SCIENCE
EXAMINATION : NOVEMBER 2022
THIRD SEMESTER
Sub. : Medical Nutrition Therapy Part-II (MSc. CB - 314)

CB

Date: 25/11/2022

Total marks: 60

Time: 10.00 am to 12.30 pm

Instructions: 1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q. 1 Select the correct alternative. (10)

- 1) Secretion of _____ hormones takes place during stress condition.
a) cortisol
b) insulin
c) ACTH
d) both a & c
- 2) Initiation, promotion, progression stages are found in the development of _____
a) Nephrotic syndrome
b) Diabetes
c) Cancer
d) Atherosclerosis
- 3) _____ is a protein synthesized in the liver as the acute phase response to inflammation.
a) C-reactive protein
b) Transferin
c) Homocysteine
d) RBP
- 4) Normal GFR value _____
a) 90-130 ml / min
b) 60-89 ml / min
c) less than 15 ml / min
d) None of the above
- 5) Blood urea nitrogen level _____
a) 30-80 mg / dl
b) 7-23 mg / dl
c) 15-20 mg / dl
d) 110-230 mg / dl
- 6) _____ is responsible for calcium resorption from bones.
a) PTH
b) Calcitonin
c) Cholecalciferol
d) T3
- 7) Blood cancer is known as _____
a) lymphoma
b) leukemia
c) sarcoma
d) carcinoma
- 8) Which of the following is an example of carcinogen ?
a) smoking
b) X-rays and UV rays
c) pathogen
d) All of the above
- 9) _____ tumor cells grow only locally and cannot spread by invasion or metastasis.
a) Malignant
b) Benign
c) Carcinogen
d) None of the above
- 10) _____ is an insulin co-factor that helps in improving glucose tolerance.
a) Chromium
b) Magnesium
c) Copper
d) Molybdenum

Q. 2 Write a Short note. (Any four) (20)

1. Difference between Hemodialysis & Peritoneal Dialysis.
2. Food allergy
3. Osteoarthritis & RA
4. Diet therapy for AIDS
5. Explain keto diet
6. MNT for early stages of CA

Q. 3 Write long answer. (Any two)

(30)

1. Explain etiology and dietary management of Glomerulo Nephritis & Nephritic Syndrome.
2. Explain types of diabetes and dietary management.
3. Plan a diet for 80 yrs old retired bank manager suffering from Parkinson's disease since last 1 year height 6'1'', weight – 90 kg. Reports exhibit that he is suffering from Hypertension since last 8 years and he is maintained of anti-HTN drugs. He is non-vegetarian and have a habit of drinking and smoking. Plan a diet accordingly.