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M.SC. IN NUTRITION & FOOD SCIENCE
EXAMINATION : APRIL/MAY - 2024
THIRD SEMESTER

Sub. : Medical Nutrition Therapy Part-II (M Sc. CB-314)

Date: 09/05/2024

Total marks: 60

Time: 2.00 pm to 4.30 pm

Instructions:

- 1) All questions are compulsory and carry equal marks.
- 2) Any kind of misconduct is punishable.

Q. 1 Fill in the right answer **(10)**

1. GFR less than _____ risks the patient for dialysis.
 - a) 30
 - b) 45
 - c) 15
 - d) 90
2. Regular _____ consumption reduces the risk of arterial cholesterol deposition.
 - a) Fenugreek seeds
 - b) Almonds
 - c) Garlic
 - d) All of them
3. _____ diet is better for burns recovery.
 - a) High fat
 - b) High calorie
 - c) High protein
 - d) None of them
4. _____ patients are at high risk of opportunistic infections.
 - a) HIV-AIDS
 - b) CKD
 - c) Diabetics
 - d) Allergic
5. Normal Sr. Creatinin level for men is _____.
 - a) 0.59-1.35
 - b) 0.55-1.35
 - c) 0.74-1.35
 - d) None of them
6. _____ contain potent allergens for many individuals.
 - a) Tree nuts
 - b) Rice
 - c) Leafy vegetables
 - d) Rajmah
7. MTX used in the treatment of RA results in deficiency of _____.
 - a) Fe, Zn
 - b) Cu, Mg, Zn
 - c) Folat, Ca and vit D
 - d) None of these
8. _____ is an example of biguanide.
 - a) Metformin
 - e) gliclazide
 - f) repaglinide
 - c) None of them
9. _____ should be avoided in diet for treatment of Calcium-oxalate nephrolithiasis.
 - a) Milk and products
 - b) Dark green leafy vegetables
 - c) Ragi
 - d) All of these

10. _____ has promising use in the treatment of prostate cancer.

- a) Quercetine
- b) Terpene
- c) Curcumin
- d) Lycopene

Q. 2 Answer the following questions (Any 2) (30)

1. Plan a diet to avoid CIL for 50 years of breast CA patient undergoing 1st chemo round. (60 Kg, ht: 5,4", type DM, mild HTN, 1500 Kcal, 50 gm proteins), No calculations needed.
2. Plan a diet for 63 years old man recently underwent angioplasty for 2 blockages in left coronary artery. (wt: 72Kg, ht: 5,5", Sr TC++, No H/O DM, HTN or other abnormalities).
3. Explain in detail the types of dialysis and MNT for the same.

Q. 3 Write Short Note (Any 4) (20)

1. MNT for rheumatoid arthritis and osteoarthritis
2. MNT for type 2 DM and functional foods for the same
3. Role of fat in cardiac diseases
4. Keto diet for epilepsy
5. MNT for AD and PD
6. Difference between GI and GL, mention examples of high and low GI, GL foods along with values for the same.
