

TILAK MAHARASHTRA VIDYAPEETH  
The Late P.G. Nanal, Department of Ayurved  
Entrance Test  
M.Sc. Nutrition and Food Science

Time: 1 & ½ Hour

Marks: 50

Note:

- All questions carry equal marks.
- Any malpractice is subject to admission denial and cancellation.

Q . 1. Choose correct alternative.

Marks: 5

1. \_\_\_\_\_ is the deficiency of vitamin B1.  
(Pellagra, Beriberi, Flurosis)
2. Heme synthesis requires \_\_\_\_\_.  
(Cu, vitamin C, Fe)
3. Megaloblastic anemia is due to deficiency of \_\_\_\_\_.  
(vitamin C, Folate, Fe)
4. \_\_\_\_\_ is a non essential amino acid.  
(Tyrosine, Methionine, Phenylalanine)
5. Ariboflavinosis is a deficiency of \_\_\_\_\_.  
(Zn, vitamin B3, vitamin B2)

Q . 2. Write any five short answers of the following.

Marks: 25

1. Explain role of vitamin E as an antioxidant.
2. Explain the function of Pyridoxin.
3. Explain in brief prevention of Pernicious anemia.
4. Explain the role of soluble fiber in prevention of atherosclerosis.
5. Justify the statement; 'PLP supplementation should be provided to the TB patient who is taking DOTS treatment (Isoniazide)'.
6. Explain the need of extra Fe during pregnancy.

Q. 3. Write long answer for any two of the following.

Marks: 20

1. Describe in detail basic principles of meal planning.

2. Describe in detail functions of proteins along with nutritional classification of amino acids.
3. Describe the importance of exclusive breast feeding during first six months of infancy.