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FNDFNC 157

**Credit Based II Semester B.Sc. (FND) Degree Examination, September 2022
(2018 – 19 and Earlier Batches)
HUMAN NUTRITION – II**

Time : 3 Hours

Max. Marks : 80

PART – A

- I. 1) Answer **any ten** of the following. **(10×2=20)**
- a) Write the source of calcium.
 - b) Write the classification of minerals.
 - c) Give the importance of water.
 - d) Write the source of magnesium.
 - e) Write a note on night blindness.
 - f) Write the nutritional requirement of ascorbic acid.
 - g) What is oedema ?
 - h) Define fibre and write any 2 roles in human nutrition.
 - i) Write any 2 function of sulphur.
 - j) Write a note on goitre.
 - k) Write any 2 function of Vitamin B12.
 - l) Write the uses of Vitamin E.

PART – B

- II. Answer the following. **(4×15=60)**
- 2) a) Write the source of phosphorus. **3**
 - b) Explain the functions of sodium. **5**
 - c) Briefly explain on deficiency of calcium. **7**
- OR
- 3) a) Write the requirements of calcium. **4**
 - b) Give a detailed account on deficiency of sodium. **4**
 - c) Explain in detail functions of phosphorus. **7**

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- 4) a) Write a note on sources of chromium. **3**
- b) Discuss the deficiency of iodine. **5**
- c) Explain the sources and functions of iron. **7**

OR

- 5) a) Explain the source of selenium. **4**
- b) Discuss on functions of zinc. **4**
- c) Briefly explain on deficiency of copper. **7**

- 6) a) Write a note on rickets. **3**
- b) Discuss the function of Vitamin K. **5**
- c) Explain in detail absorption of Vitamin E with factors affecting it. **7**

OR

- 7) a) Explain the classification of Vitamin. **4**
- b) Discuss on functions of pantothenic acid. **4**
- c) Briefly explain on functions and requirements ascorbic acid. **7**

- 8) a) Write a note on dehydration. **3**
- b) Discuss on importance of water. **5**
- c) Explain in detail role of fibre in human body. **7**

OR

- 9) a) Write note on distribution of water in human body. **3**
- b) Write the definition and classifications of fibre. **5**
- c) Briefly explain on water balance and requirement. **7**
