

Question Paper

Exam Date & Time: 10-Aug-2024 (10:00 AM - 12:30 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

FIFTH SEMESTER BSc. HEALTH SCIENCE DEGREE EXAMINATION - AUGUST 2024
SUBJECT: BHS-307 FUNDAMENTALS OF FOOD AND NUTRITION
(SPECIAL EXAM)

Marks: 60

Duration: 150 mins.

2. Answer the following in short:

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| 2A) | Mention any two inhibiting and enhancing factors of iron | (2) |
| 2B) | Name the essential fatty acids with their sources | (2) |
| 2C) | List the symptoms of scurvy | (2) |
| 2D) | Mention the four D's in pellagra | (2) |
| 2E) | Express the terms good nutrition and malnutrition. | (2) |
| 2F) | Define the term xerophthalmia | (2) |

3. Answer the following in brief:

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|-----|---|-----|
| 3A) | Describe essential and non-essential amino acids. | (3) |
| 3B) | Mention the different function of food. | (3) |
| 3C) | Explain the functions of carbohydrate. | (3) |
| 3D) | Describe the deficiency symptoms of Niacin. | (3) |
| 3E) | Mention the function of Vitamin C. | (3) |
| 3F) | Write a note on Iodine deficiency. | (3) |

4. Answer the following:

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| 4A) | Explain the functions and sources of Protein | (5) |
| 4B) | Describe the two functions, dietary sources, major deficiency of the following nutrients Vitamin D and Vitamin B12 | (5) |

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