

**Food Science and Nutrition (P.G.)**

**[CBCS]**

**M.Sc. Third Semester End Examination-2024**

**(Regular & Supplementary Paper)**

**PAPER-MFSN 301**

***Full Marks: 40***

***Time: 02 Hrs***

*The figures in the right hand margin indicate marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

**Group A**

**Answer any five questions of the following:**

**5x2= 10**

1. Define CREST.
2. Differentiate between apoptosis and necrosis.
3. What is brief diagnostic criteria of 'Rheumatoid Arthritis'?
4. Write the role of cortisol in stress.
5. What are the symptoms of Phenylketonuria.
6. What is 'Bipolar Disorder'?
7. Write the different stages of COPD.
8. What is chromosomal aberrations?

(2)

**Group B**

**Answer any four questions of the following:** **4x5= 20**

9. Write four causative factors of sepsis. State the complications of sepsis. 3+2
10. Write about the nutritional support to overcome the burn injuries. What are the cellular stress responses? 3+2
11. How 'Down' syndrome is diagnosed? Write the different characteristic of 'Down' syndrome. 2.5+2.5
12. Write the clinical features, and management of MODS. 2+3
13. Discuss the different types of GSD with enzyme deficiency. 2+3
14. Define emphysema. Write the different risk factors of emphysema. 2+3

**Group C**

**Answer any one question of the following:** **1x10=10**

15. What are the different types of renal stone? Describe the route of administration of enteral feeding. Write the pathophysiology of SLE. 2+3+5
  16. Write the different causes of respiratory failure. How respiratory failure is diagnosed. Write about the principal management of bronchial asthma. 3+3+4
-