

# Question Paper

Exam Date & Time: 02-Sep-2022 (10:00 AM - 01:00 PM)



## MANIPAL ACADEMY OF HIGHER EDUCATION

FOURTH SEMESTER B.Sc. (CLINICAL NUTRITION AND DIETETICS) DEGREE EXAMINATION - SEPTEMBER 2022  
SUBJECT: CND2202 - QUALITY CONTROL  
(2020 SCHEME)

Marks: 100

Duration: 180 mins.

Answer all the questions.

- 1) List at least 10 articles normally adulterated, name the adulterant and tests for detection of adulterants. (20)
- 2) Explain the precautions to be taken during sampling in detail. (20)
- 3) Explain the seven principles of HACCP implementation. (10)
- 4) What are the advantages and disadvantages of objective evaluation? (10)
- 5A) Write a short note on panel management in sensory evaluation. (5)
- 5B) What are the advantages and disadvantages of good laboratory practices? (5)
- 5C) Explain the functions of food additives. (5)
- 5D) What are the main causes for food adulteration? (5)
- 5E) Write a short note on Modern Integrated Food Law (FSSAI). (5)
- 5F) What are the prime objectives of the inspection and tests? (5)
- 6A) What is E- number? (2)
- 6B) Write any two benefits of total quality management. (2)
- 6C) Define food fortification. (2)
- 6D) What is food adulteration? (2)
- 6E) What is food quality control? (2)

-----End-----