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221131

Roll No.

3rd Sem / Food Technology

Subject : Technology of Non Alcoholic Beverages

Time : 3 Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 The most common sugar used in soft drink is-
- a) High fructose corn syrup
 - b) Sucrose
 - c) Maltose
 - d) Lactose
- Q.2 Proper flavor and aroma of coffee is associated with_____.
- a) Drying coffee beans
 - b) Curing coffee beans
 - c) Roasting
 - d) All of the above
- Q.3 Types of sweeteners are-
- a) Natural or Synthetic
 - b) Nutritive or Non-Nutritive
 - c) Regular or High Intensity
 - d) All of the above

- Q.4 Monosodium Glutamate is used as _____.
 a) Artificial sweetener b) Anticaking agent
 c) Flavor enhancer d) Cleaning agent
- Q.5 In most fruit juices, the major portion of total soluble solids consists of
 a) Salt b) Sugar
 c) Vitamins d) Minerals
- Q.6 Coagulations process uses
 a) Calcium sulphate b) Aluminium sulphate
 c) Magnesium sulphate d) None of the above

SECTION-B

Note: Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 TDS stands for_____.
- Q.8 Name any two emulsifiers used in beverage processing.
- Q.9 What is dry ice?
- Q.10 Define still beverages.
- Q.11 Enlist different types of tea.
- Q.12 Write two advantages of carbonation.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Explain coffee with its types.
- Q.14 Define beverages and give its classification.

- Q.15 Discuss about hygiene in beverage industry.
- Q.16 What are the factors affect the degree of carbonation?
- Q.17 Explain the types of soft drink containers.
- Q.18 Which types of sensors are used in sanitation process?
- Q.19 What are the principal processing methods of coffee?
- Q.20 Explain the filling process of beverages.
- Q.21 What do you know about natural mineral water? Give its composition and quality requirements.
- Q.22 What are the preservation methods of fruit juices?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

- Q.23 Explain all the water treatment methods in detail.
- Q.24 Explain the manufacturing process of various types of tea in detail.
- Q.25 What are the various types of fruit beverages?