

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

Branch – NUTRITION FOOD SERVICE MANAGEMENT & DIETETICS

FOOD PROCESSING

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 Mention the component present in food products manufactured using extrusion technology.
(i) High starch (ii) Low starch
(iii) High fibre (iv) Low fibre
- 2 Identify the condition of application of air flow during milling processing of cereals grain.
(i) Hot (ii) Cool
(iii) Discharge (iv) Grind
- 3 Mention the method used in the processing of fleshy palm to extract oil.
(i) Pressing (ii) Extraction
(iii) Grading (iv) Rendering
- 4 Which is the highly perishable food that needs proper handling and preservation.
(i) Rice (ii) Red gram dhal
(iii) Jaggery (iv) Fish
- 5 The fermented beans contains about ----- percent of moisture.
(i) 13 (ii) 23
(iii) 33 (iv) 43

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a What is meant by instant rice?
OR
- b Outline the by products of rice milling.

Cont...

- 7 a What is break system milling?
OR
b Define fortification and enrichment.
- 8 a How will you prepare soya protein concentrate?
OR
b Explain solvent extraction of oil.
- 9 a Narrate the nutritional properties of algae.
OR
b State the types of edible mushroom.
- 10 a Describe the chemical constituents of tea .
OR
b Summarize the composition of cocoa .

SECTION -C (30 Marks)

Answer **ALL** questions
ALL questions carry **EQUAL** Marks (5 x 6 = 30)

- 11 a Discuss the processing method of rice flakes.
OR
b Elucidate on corn processing .
- 12 a Outline the by products of wheat milling.
OR
b Analyse the fortification & enrichment of rice.
- 13 a Enumerate the traditional method of processing of legumes.
OR
b Examine the refining process of edible oil.
- 14 a Discuss the harvesting and processing of edible mushroom.
OR
b Highlight the methods of fish processing.
- 15 a Analyse the processing of cocoa beans.
OR
b Enumerate the application of high hydrostatic pressure in processing foods.

Z-Z-Z

END