

Q.22 What is the purpose of packaging and blending in wheat milling? (CO1)

SECTION-D

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

Q.23 Explain the complete process of seed processing with a detailed flow diagram. Discuss the role of various machines like Air Screen Cleaner-cum-grader and Disc Separator in the process. (CO1)

Q.24 Explain different components, operation and performance of wheat mill in detail. (CO4)

Q.25 Explain in detail the layout of animal feed production. (CO6)

No. of Printed Pages : 4

220142

Roll No.

4th Sem / Agri Engg. Subject:- Agro Process Engineering

Time : 3Hrs.

M.M. : 60

SECTION-A

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

Q.1 Which of the following is a step in seed processing? (CO1)

- a) Cleaning b) Grading
- c) Treating d) All of the above

Q.2 Acid delinting is a process used for: (CO2)

- a) Wheat Seeds b) Pulses
- c) Cotton Seeds d) Paddy Grains

Q.3 Which of the following is a traditional method of parboiling? (CO2)

- a) CFTRI Metho
- b) Kisan Continuous Method
- c) Double Boiling Method
- d) RPEC Method

Q.4 Which of the following is a method of pulse milling?
(CO3)

- a) Wet milling b) Dry milling
c) Both (a) and (b) d) None of the above

Q.5 Which of the following is the first step in wheat milling?
(CO4)

- a) Packaging b) Cleaning
c) Conditioning d) Drying

Q.6 Which of the following is a mechanical oil extraction device?
(CO5)

- a) Hydraulic Press b) Solvent Extractor
c) Screw press d) Both (a) and (c)

SECTION-B

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

Q.7 The process of removing cotton lint using acid is called_____.

Q.8 _____ is a machine that separates seeds based on differences in their weight. (CO1)

Q.9 The_____ method is a modern parboiling technique developed by CFTRI. (CO2)

Q.10 _____ and _____ are two main pulse milling methods. (CO3)

Q.11 The _____ press is a traditional method of extracting oil. (CO5)

Q.12 In wheat milling , the primary by-product is_____. (CO4)

SECTION-C

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

Q.13 What are the principles of seed processing? (CO1)

Q.14 What do you mean by seed treater and its type? (CO1)

Q.15 What are the key components of paddy grain structure? (CO2)

Q.16 Describe the different traditional parboiling methods. (CO2)

Q.17 What are the important unit operations in pulse milling? (CO3)

Q.18 What are the keys steps in the wheat milling process? (CO4)

Q.19 What are the key unit operations in oil milling? (CO5)

Q.20 What are some common raw materials used in animal feed processing? (CO6)

Q.21 What is pelleting in animal feed production? (CO6)