

Q.22 Explain the acid delinting of cotton seeds. (CO1)

No. of Printed Pages : 4
Roll No.

220142

SECTION-D

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

Q.23 Describe the various machines used for making the animal feed from feed ingredients. (CO6)

Q.24 Explain the constructional detail and working principle of an air screen cleaner cum grader. (CO1)

Q.25 What are different unit operations of an oil mill? Explain the mechanical expression of oil. (CO5)

(40)

(4)

220142

4th Semester/ Agriculture

Subject : Agro Process Engineering

Time : 3 Hrs.

M.M. : 60

SECTION-A

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

Q.1 The shape of paddy soaking tank is Kisancontinuous parboiling method is _____. (CO2)

- a) Pentagonal b) Hexagonal
c) Octagonal d) None of these

Q.2 Oil seed cakes are obtained by _____. (CO5)

- a) Solvent extraction b) Both of these
c) Mechanical pressing d) None of these

Q.3 The process of removing bran layer from paddy kernel is called _____. (CO2)

- a) Whitening b) Dehusking
c) Policing d) None of these

(1)

220142

Q.4 Separation of grains by Spiral separator is made on the basis of: (CO1)

- a) Weight b) Length
- c) Size d) Roundness

Q.5 Objective of conditioning is pulse milling (CO3)

- a) To loosen the husk b) To tighten the husk
- c) To separate the husk d) None

Q.6 Elevator shift the material in _____ Position. (CO1)

- a) At an angle b) Horizontal
- c) Both d) None

SECTION-B

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

Q.7 Classification of cleaned grain into various fractions is called _____ (CO1)

Q.8 Reduction of food grain into various end products is called _____. (CO4)

Q.9 Separating liquid from a liquid solid system with the use of solvent is called _____. (CO5)

Q.10 A whole rice kernel is called Brown Rice. (True/False) (CO2)

(2) 220142

Q.11 CFTRI stands for _____. (CO2)

Q.12 Define blending. (CO4)

SECTION-C

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

Q.13 List various steps in seed processing with flow diagram. (CO1)

Q.14 Explain the Dry Milling Process of Pulses. (CO3)

Q.15 What are the various utilization of the bi-product of rice mill. (CO2)

Q.16 Write down various steps in Wheat milling process. (CO4)

Q.17 Explain the solvent extraction process in brief. (CO5)

Q.18 Describe various animal feeds and source of their raw material. (CO6)

Q.19 Explain the principle of operation of under runner disc sheller. (CO2)

Q.20 What are the various machine parameters that affect pulse milling out turn? (CO3)

Q.21 Describe the Kisan continuous method of parboiling. (CO2)

(3) 220142