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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**

(For Candidates admitted from 2019 - 2020 onwards)



**UG DEGREE EXAMINATIONS APRIL - 2021
B.Sc., – FOOD TECHNOLOGY & QUALITY CONTROL
TECHNOLOGY OF CEREALS, PULSES AND OILSEEDS**

Time: 3 Hrs

Max.Marks: 75

PART - A

CHOOSE THE CORRECT ANSWER

(10X1=10)

1. Combination of which of the following is known as gluten?
a) Gliadin + Glutelin b) Gliadin + Lysine c) Glutelin + Glutelin d) Lysine + Glutelin
2. Highest productivity of wheat is in _____ state of India
a) West Bengal b) Punjab c) Maharashtra d) Odisha
3. Separating the outer hull from inner hull is called as -----
a) Tulling b) Dehulling c) Shelling d) Beating
4. Which of the following moisture content is considered safe for storage?
a) 15% b) 14% c) 16% d) 17%
5. Famous method of sowing of oats –
a) Dibbling b) Broadcasting c) Drilling d) Line
6. Barley crop needs _____
a) Cold & dry climate b) Hot & humid c) dry & hot d) frost
7. Which of the following is NOT a step in Pre-press Solvent Extraction?
a) Seed cooking b) Pressing the flake c) Solvent Extraction d) Seed Whipping
8. An Oil Press is called _____
a) Expresser b) Boiler c) Expeller d) None of the mentioned
9. What is pitting?
a) Impart scratches and cracks on hard seed coat.
b) Removing pits
c) Removal of fine particles by chelating agents
d) Removal of large particles by air bubbles
10. What is the drying temperature of pulses?
a) 26-48°C b) 60-120°C c) 80-135°C d) 100-120°C

PART - B

ANSWER ALL THE QUESTIONS

(5X7=35)

11. a) Discuss the flour treatment of wheat milling.

(OR)

b) Explain the important step in milling of wheat

12. a) Discuss how rice bran can be utilized in various ways. .

(OR)

b) Explain the milling of rice by mechanical method

13. a) Explain the preparation of pinhead granules from oats

(OR)

b) Discuss dry milling of Sorghum.

14. a) Distinguish between wet milling and dry milling methods of pulses.

(OR)

b) Explain in detail the chemical composition of pulses.

15. a) Draw the flow chart of solvent extraction oil from oil seeds.

(OR)

b) Write in detail about fiber spinning?

PART - C

ANSWER ANY THREE QUESTIONS

(3X10=30)

16. Illustrate the roller mill operation of wheat milling. Justify

17. Describe milling of rice by solvent extraction method

18. Explain the process of stabilization and klin drying with respect to oat milling.

19. Elaborate dry milling of pulses.

20. What is extrusion technology? Explain it using soy protein isolates as starting material.