From: **THE REGISTRAR**

To: The Controller of Examinations, Andhra University, Visakhapatnam.

Sir,

Sub: Approval of Model Question Papers – Reg.

Ref: Email's dt 13-10-2021, 14-10-2021, 18-10-2021 along with Model Question Papers.

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With reference to the above, I am by direction to inform you that the Choice Based Credit System, U.G. Courses (w.e.f. 2020-2021) Model Question Papers of have been approved as detailed below:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Subject</th>
<th>Name &amp; Designation</th>
<th>Name of the College</th>
<th>Model question papers</th>
<th>Name of the Paper</th>
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<td>1.</td>
<td>B.Sc. Skill Development Course</td>
<td>Dr. R. Prameela, Chairperson, Board of Studies in Botany (U.G.)</td>
<td>M.R. Degree College, Vizianagaram</td>
<td>Semester-II (MQP)</td>
<td>Fruit and Vegetables Preservation</td>
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<td>2.</td>
<td>B.Sc. Horticulture</td>
<td>Dr. R. Prameela, Chairperson, Board of Studies in Botany (U.G.)</td>
<td>M.R. Degree College, Vizianagaram</td>
<td>Semester-II (MQP)</td>
<td>Post Harvest Technology of Horticultural Crops</td>
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<td>3.</td>
<td>Microbiology</td>
<td>Dr. R. Haritha, Lecturer in Biotechnology, Vizianagaram</td>
<td>Visakha Government Degree College for Women, Visakhapatnam</td>
<td>Semester-II (MQP)</td>
<td>Microbiology</td>
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<td>4.</td>
<td>B. Vocational course Agriculture</td>
<td>Dr. G. Jaya Babu, Chairman</td>
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<td>Semester-II (MQP)</td>
<td>Introduction to Plant Breeding</td>
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<td>5.</td>
<td>B. Vocational course Animal Husbandry &amp; Dairying</td>
<td>Dr. Ch. Mallikarjuna Rao, Chairman</td>
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<td>Semester-II (MQP)</td>
<td>Livestock Production and Management</td>
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<td>6.</td>
<td>B.Sc. Food Technology</td>
<td>Principal</td>
<td>Southern International Hotel Management Academy, Visakhapatnam</td>
<td>Semester-II (MQP)</td>
<td>DSC-2 Paper-1:Food Chemistry and Biochemistry-II</td>
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<td>DSC-2 Paper-2: Food Microbiology</td>
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<td>9.</td>
<td>B.Sc. Food Science and Nutrition</td>
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<td>Semester-II (MQP)</td>
<td>DSC-2 Paper-1: Human Physiology</td>
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<td>DSC-2 Paper-2: Chemistry-2</td>
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<td>DSC-2 Paper-3: Principals of Nutrition (PTO)</td>
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B.Sc (CBCS) DEGREE EXAMINATION
SECOND SEMESTER
HORTICULTURE

PAPER – II: Post Harvest Technology of Horticultural Crops
(With effect from 2020-21 Admitted Batch)

Model question paper

Max Time: 3 Hr
Max Marks: 75

SECTION-A

ANSWER ANY FIVE QUESTIONS

1. Importance of Post harvesting handling
2. Deterioration
3. Post Harvesting treatments
4. Manual methods of harvesting
5. Secondary causes of deterioration of Harvesting
6. Transport of Horticultural crops
7. Preservation by Chemicals
8. Food laws

5 x 5 = 25 M

SECTION-B

ANSWER ALL QUESTIONS

9. Write an essay on Harvesting methods of Horticultural crops

(OR)

Write an essay on pre-harvest factors

Pre-harvest factors

10. Write about Biochemical changes during ripening

(OR)

What are post harvest factors? Explain

Post harvest వ్యవహారం విభాగం? విస్తరించండి
11. Explain the Primary causes of loses of Horticultural crops
(OR)
What are the technologies for minimizing loses – Explain

12. What are the causes for spoilage of canned foods
(Canned foods మార్గాలు నిషేధించింది ఉండాలి? ఉంచేవారి)
Write an essay on unfermented fruit beverages
(ఉంచేవారి పండిత్యాలను నిషేధించింది ఉండాలి)

13. Write an essay on preservation by sugars?
(పండిత్యాలను నిషేధించింది ఉండాలి)
Write about fermented fruit beverages
(పండిత్యాలను నిషేధించింది ఉండాలి)

(Dr.R.Prameela)
Chairperson, BOS
UG Botany, AU.
B.Sc (CBCS) DEGREE EXAMINATION
SECOND SEMESTER
HORTICULTURE
PAPER – II: Post Harvest Technology of Horticultural Crops
(With effect from 2020-21 Admitted Batch)
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SECTION-A

ANSWER ANY FIVE QUESTIONS

5 x 5 = 25 M

1. Importance of Post harvesting handling

2. Deterioration

3. Post Harvesting treatments

4. Manual methods of harvesting

5. Secondary causes of deterioration of Harvesting

6. Transport of Horticultural crops

7. Preservation by Chemicals

8. Food laws

SECTION-B

ANSWER ALL QUESTIONS

5x10= 50

9. Write an essay on Harvesting methods of Horticultural crops

(OR)

Write an essay on pre-harvest factors

Pre-harvest factors

10. Write about Biochemical changes during ripening

(OR)

What are post harvest factors? Explain

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SECTION-A

ANSWER ANY FIVE QUESTIONS

5 x 5 = 25M

1. Importance of Post harvesting handling

2. Deterioration

3. Post Harvesting treatments

4. Manual methods of harvesting

5. Secondary causes of deterioration of Harvesting

6. Transport of Horticultural crops

7. Preservation by Chemicals

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SECTION-B

ANSWER ALL QUESTIONS

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Pre-harvest factors

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What are post harvest factors? Explain
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What are the technologies for minimizing losses?
(OR)

12. What are the causes for spoilage of canned foods?
Canned foods: Write an essay on unfermented fruit beverages.
(OR)

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(OR)

Write about fermented fruit beverages.