From: THE REGISTRAR

To

Dr. Prameela,
Chairperson, Board of Studies in Botany,
Department of Botany,
M.R. Degree College,
Vizianagaram.

Sir,

Sub: Approval of Model Question Papers – Reg.

Ref: Letter dated 18-06-2021 along with Model Question Papers.

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With reference to the above, I am by direction to inform that the Revised Choice Based Credit System, U.G. Courses (w.e.f. 2020-2021) B.Sc., I-Semester Model Question Papers of 1) Paper-I, Fundamentals of Microbes and Non-vascular Plants 2) Paper-I, Fundamentals of Horticulture 3) Plant Nursery have been approved.

Hence, I request to arrange to circulate the same among the Teaching Staff and Students concerned and placed in A.U. website.

Yours faithfully,

(B. RAMACHANDER)
ASSISTANT REGISTRAR (ACADEMIC)

Copies to:
1. The Dean of Academic Affairs, A.U., Vsp.
3. The Dean, CDC, A.U., Vsp.
4. The Dean, Confidential, A.U., Vsp.
5. All Principals, A.U. Affiliated Colleges Offered in U.G. courses.
7. The Superintendent S.I Section for taking necessary further action.
8. The Secretary to V.C., Rector Table, P.A. to Registrar, A.U., Vsp.
9. The Director, Computer Centre, A.U., Vsp.
10. O.C. & O.O.F.
Respected Sir,

Herewith I am sending the Model question papers of I B.Sc, First semester Botany, Plant Nursery and Horticulture along with syllabus of plant nursery.

Thanking you,

With regards,

Dr. R. Prameela,
Head, Department of Botany &
Chairperson,
BOS, U.G. Botany
M.R. Degree College,
Vizianagaram-535002

mail id: prameelachris@yahoo.com

6 attachments

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BOTANY MODEL QUESTION PAPER.pdf
620K

Horticulture Model question paper.pdf
521K

Plant Nursery Model question paper.pdf
448K

Plant Nursery Syllabus cbcs_2020.pdf
219K
To
The Registrar,
Andhra University,
Visakhapatnam.

Respected Sir,

Sub:- Model question paper of Plant Nursery for I B.Sc (Science Stream)
U.G., -request-reg

Herewith I am sending the model question paper of Plant Nursery for science stream for I B.Sc U.G under Skill development Course with effect from the academic year 2020-21.

I am also attaching the syllabus copy of Plant Nursery approved by APSCHE.

Thanking you,

Yours faithfully,

(R.Dr.R.Prameela)
Head, Dept of Botany &
BOS Chairperson (Botany) U.G.
M.R.DEGREE COLLEGE,
VIZIANAGARAM.
To
The Registrar,
Andhra University,
Visakhapatnam.

Respected Sir,

Sub:- Model question paper of I B.Sc (HORTICULTURE) U.G course-request-reg

Herewith I am sending the model question paper for B.Sc First year (Horticulture) U.G Course, First semester, Paper-I (Fundamentals of Horticulture) with effect from the academic year 2020-21.

Thanking you,

Yours faithfully,

[Signature]
(Dr.R.Prameela)
Head, Dept of Botany &
BOS Chairperson (Botany) U.G.
M.R.DEGREE COLLEGE,
VIZIANAGARAM.
B.Sc (CBCS) DEGREE EXAMINATION
FIRST SEMESTER
BOTANY

PAPER-I  Fundamentals of Microbes and Non-vascular Plants
(Viruses, Bacteria, Fungi, Lichens, Algae and Bryophytes)
(With effect from 2020-21 Admitted Batch)
Model question paper

Max Time: 3 Hr
Max Marks: 75

SECTION-A

Answer all questions. ఎన్ని ప్రశ్నాలు ఉంచండి. 5X2=10M

1. Viroid - విరోధ

2. Cyanobacteria as SCP - చీయనోబికారియా ఐస్పార్స్టిక్ ప్రాణం

3. Dolipore Septa - దొలిపర్ సెప్టా

4. Carrageenin - కార్రాజీనన్

5. Elaters - ఎలాటర్

SECTION - B

Answer any three of the following and draw a labelled diagram wherever necessary
ఎన్నిక దిగి అనువాదం ఉంచండి. అనుసమయంలో దిగి నిర్మాణం చేసి 3X5=15M

1. Structure of Bacteriophage - బాక్టరియోఫేజ్ పరిస్థానం

2. Citrus canker - సిటరస్ కాంకర్

3. Write any five fungal diseases - వాన్నిక మేన్ రెండు అవధింగా నిర్మాణం

4. Economic importance of algae - అల్గి మత్తు అధిక అర్థనిర్మాణం

5. Funaria capsule - ఫునారియా కాపస్లి

(R. Plannam)
(Dr. R. Prameela)
Chairperson, BOS
UG Botany, AU
SECTION –C

Answer all questions. Draw a labelled diagram wherever necessary.

11. (a) Elaborate on Whittker’s five kingdom Classification

(Or)

(b). Describe the structure and reproduction in viruses

(Or)

12. (a) Give an account of archaeabacteria, mention their ecological significance

(Or)

(b) Write an essay on reproduction of bacteria.

13. (a) Write an essay of life cycle of Puccinia ?

(Or)

(b) Write a detailed notes on the Economic importance of Fungi

R. Prameela
(Dr. R. Prameela)
Chairperson, BOS
UG Botany, AU
14. (a) Describe the classification of Algae by Fritsch?

(Or)

(b) Describe structure, reproduction and life cycle of polysiphonia

15 (a). Write an essay on sporophytic evolution of Bryophyta, with the help of diagrams.

(Or)

(b) Write a brief account of sexual reproduction in Marchantia, with the help of diagrams.

R. Pramila
(Dr. R. Prameela)
Chairperson, BOS
UG Botany, AU
B.Sc (CBCS) DEGREE EXAMINATION

FIRST SEMESTER

HORTICULTURE

PAPER-I  PAPER – I: Fundamentals of Horticulture

(With effect from 2020-21 Admitted Batch)

Model question paper

Max Time: 3 Hr

Max Marks: 75

SECTION-A

ANSWER ANY FIVE QUESTIONS

1. Write about Fruit and Vegetable zones of Andhra Pradesh?

2. Write a brief note on Roof garden?

3. What is pruning? Write the importance of pruning?

4. Write about fertilizers used in Horticulture?

5. Explain the significance of growth regulators in Horticulture?

6. Process of Rejuvenation in old orchards

7. Write about the vegetative propagation by division and separation in tuberous plants

8. What are the different methods of budding in plants

SECTION-B

ANSWER ALL QUESTIONS

9. Write an essay on Importance of Horticulture?

(R. Prameela)
Chairperson, BOS
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What are the divisions of Horticulture? Explain in detail with examples and importance.

10. Write an essay on Nursery Management?

Explain contour systems of planting and their merits and demerits?

11. Write about Principles and methods of training of fruit crops

What is irrigation? Write about the different methods of irrigation followed in horticulture?

12. Write an essay on cropping systems?

What are the factors which are influencing the fruitfulness and unfruitfulness?

13. What is layering? Explain the different types of layering?

Write an essay on sexual propagation in plants?

R: Plurname

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Chairperson, BOS
UG Botany, AU
B.Sc (CBCS) DEGREE EXAMINATION
FIRST SEMESTER
SKILL DEVELOPMENT COURSES (Science Stream)

PLANT NURSERY
(Revised CBCS With effect from 2020-21 Admitted Batch)

Model question paper

Max Time: 1 Hr 30 Minutes
Max Marks: 50

SECTION – A

Answer any four question

1. What are the main components for Nursery establishment?

2. What are the advantages of vegetative propagation?

3. Write different types of containers which are used in plant nurseries.

4. Write about Transplanting

5. Write some advantages of Mulching

6. Explain the pest management in the nurseries

7. Write about seed treatment?

8. Write the role of nutrients in nursery?

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SECTION-B

Answer any THREE question  సాధారణ నాలుగు ప్రశ్నలు తీవ్రంగా ప్రాంతం చేయండి. 3X10=30 M

9. What is nursery? Write the significance of nursery and reasons for its growth.

నయాలు మాత్రమే? నయాలను ప్రత్యేకంగా చలుపడానికి ప్రయాణం జరుగుతుంది నయాలను విషయంగా జరిగ

10. Write about the proper medium for growing seedlings.

ఆదర్శంగా మధ్యమం చలుపడానికి మధ్యమంగా మధ్యమం ప్రయాణం.

11. Write an essay on seed propagation and technology

సింహాసనం వయస్మతం ఎండి సింహాసనం ప్రాంతంగా ప్రయాణం

12. Write an essay on Nursery management

నయాల విధానం విధానం ఎండి మాద్రామం ప్రయాణం

13. Write about online Nursery and online sales system.

అన్ని పాతను విద్యుతును చేయండి లేదా అన్ని రంగం ప్రయాణం

R. Rammul
(Dr. R. Prameela)
Chairperson, BOS
UG Botany, AU