No. L1 (2)/U.G. Courses/MQP/2021

From: **THE REGISTRAR**

To

The Controller of Examinations,
Andhra University,
Visakhapatnam.

Sir,

Sub: Approval of Model Question Papers – Reg.

Ref: Email’s dt 20-09-2021, 08-10-2021 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 papers question</th>
<th>Name of the Paper</th>
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<tr>
<td>1.</td>
<td>B.Sc. Electronics</td>
<td>Dr. Praveen Choppala, Chairman, BOS (Electronics U.G. courses), A.U.</td>
<td>Welfare Institute of Science Technology and Management, Visakhapatnam.</td>
<td>Semester-II (MQP)</td>
<td>Digital Electronics</td>
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<td>2.</td>
<td>Mathematics</td>
<td>Dr. Ch. Srinivasa Rao, Chairman, Board of Studies in Mathematics</td>
<td>Mrs. A.V.N. College, Visakhapatnam</td>
<td>Semester-II (MQP)</td>
<td>Solid Geometry</td>
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<td>4.</td>
<td>Zoology</td>
<td>Mrs. I.V.V. Satyavathi, Chairperson, Board of Studies in Zoology</td>
<td>Govt. Degree College, V. Madugula, Visakhapatnam</td>
<td>Semester-II (MQP)</td>
<td>Animal diversity-Biology of Chordates</td>
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(PTO)
Zoology Model paper
Semester II
Animal diversity - Biology of chordates

Time: 3 hrs
Marks: 75

Section - A

1. Answer any FIVE of the following. Draw labelled diagrams wherever necessary. 
   5 x 5 = 25
   1. Urochordata
   2. placoid scales
   3. crocodilea
   4. Air sacs
   5. prototheria
   6. Tadpole larva
   7. Apoda
   8. Archaeopteryx

Section - B

1. Answer any FIVE of the following. Draw labelled diagrams wherever necessary. 
9. What are the characters of chordata?
10. Describe the life cycle of Herdmania.
11. Mention the differences between petromyzon and Myxine. (or) Write an account on migration of fishes.
(1) Describe the structure and functions of frog's brain or classify the class Reptilia up to orders.
(2) Mention flight adaptations in Aves (or) Describe the structure and functioning of heart of Columba.
(3) Write an account on general character of class Mammalia (or) Give an account on Dentition in mammals.

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