

ANDHRA KESARI UNIVERSITY-ONGOLE, PRAKASAM DISTRICT  
Single Major Programme from the Year 2025-26 Onwards  
Programme -B.Sc. Mathematics Honours  
Model Question Paper for all Semesters and all Subjects

29

Time: 3 Hours

Total Marks: 70

PART -A

Answer any Five of the following

Note: Draw labelled diagrams wherever necessary and Each unit must carry two questions  
5X4=20 Marks

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.

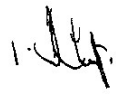
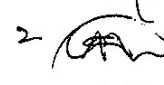

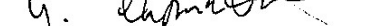
PART -B

Answer any Five of the following

Note: Draw labelled diagrams wherever necessary  
Each unit must carry two questions

5X10=50 Marks

- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.

1.  Dr. D. KALYANI
2.  (K. KEZITHA)
3.  K. Ravi
4.  K. Ravi

ANDHRA KESARI UNIVERSITY-ONGOLE, PRAKASAM DISTRICT

Single Major Programme from the Year 202-26 Onwards

Programme- B.Sc. Mathematics Honours

Model Practical Question Paper all Semesters and all Subjects

Time: 3 Hours

Total Marks: 50

1. Preparation of temporary slides of mitotic divisions with onion root tips. Write aim, apparatus, detailed procedure and discuss on results. (Aim-2 marks + apparatus-2 marks + Detailed procedure-5 marks + Labelled diagrams-3 marks + Results-3 marks.)  
15 marks
2. Mounting of salivary gland chromosomes of Chironomus larva. Write aim, apparatus, detailed procedure and discuss on results. (Aim-2 marks + apparatus-2 marks + Detailed procedure-5 marks + Labelled diagrams-3 marks + Results-3 marks.)  
15 Marks
3. Identify the substances in the given biological samples. Write aim, apparatus, reagents, Principle, detailed procedure and discuss on results. (Aim-2 marks + apparatus-2 marks + Detailed procedure-3 marks + Results-3 marks.)  
10 Marks
4. Record  
5 Marks
5. Viva/Voce  
5 Marks

Total: 50 Marks

There are no practicals for B.Sc Mathematics

Honours for both Major and Minor Courses

1.

2.

3.

4.