

ANDHRA UNIVERSITY

Telegrams: UNIVERSITY
Telephone: 284 4000
Fax: 0891-2755324



All Official letters,
packages etc, should be
addressed to the Registrar
by designation and not by
name.

Visakhapatnam,
Dt: 05-07-2021

No. L I (1)/U.G. Courses/Biochemistry/MQP/2021

From: **THE REGISTRAR**

To

Dr. G.V. Shakuntala,
Chairperson, Board of Studies in Biochemistry,
Department of Biochemistry,
Dr. L.B. College,
Visakhapatnam

Sir,

Sub: Approval of Model Question Papers – Reg.

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

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 Biomolecules has 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.
2. The Dean, U.G. & P.G, Professional Courses, 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.
6. The Controller of Examinations, A.U., Vsp.
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.

submission of model question paper for 1st semester
Biochemistry

Inbox

gudimella shakuntala <gvshakuntala@rediffmail.com>

11:52 AM (6
minutes ago)

to me

Sir, I am enclosing the model question paper prepared for B.Sc 1st semester along with a letter addressed to the Registrar .

Thanking you,

Dr.G.V.Shakuntala

To,

The Registrar,
Andhra University,
Visakhapatnam.

18-6-2021

Respected Sir,

Sub: Submission of Model Question Paper under revised CBCS
w.e.f. 2020-2021

I have been appointed as Chairperson, Board of Studies in Biochemistry (U.G.) for a period of three years by the VICE-CHANCELLOR. Accordingly I have prepared the Model Question Paper for first semester B.Sc Biochemistry under revised CBCS w.e.f. 2020-2021. I have prepared the question paper keeping in view the Board guidelines. I am herewith enclosing the model question paper.

Thanking You,

Your's sincerely,



Associate Professor and HOD

Department of Biochemistry,

Dr.L.B.College,

Visakhapatnam

MODEL PAPER

B.Sc BIOCHEMISTRY revised syllabus under CBCS

w.e.f. 2020-2021

FIRST YEAR B.Sc. DEGREE EXAMINATION

SEMESTER -1

Course: Biomolecules

Code: BCH-1

TIME : 3 HOURS

MAXIMUM MARKS :75

PART-A

ANSWER ANY FIVE OF THE FOLLOWING QUESTIONS

EACH CARRIES FIVE MARKS

1. Pka value
2. Mutarotation
3. Bacterial cell wall polysaccharides
4. Rancidity
5. Lipo proteins
6. Classification of proteins
7. Types of RNA
8. Tm value

PART-B

5X10=50 MARKS

ANSWER ALL QUESTIONS EACH CARRIES TEN MARKS

9 (a) Explain water as a Biological solvent

OR

9 (b) Write about the different methods to analyse soil samples

10 (a) Write about the important physical and chemical reactions of monosaccharides

OR

10 (b) Write about the structure and biological importance of poly saccharides

11 (a) Write about the classification of lipids

OR

11 (b) Discuss about the Fluid Mosaic model of Biological membranes

12 (a) Write briefly about the structural organisation of proteins

OR

12 (b) Write about the classification and important chemical reactions of aminoacids

13 (a) Write about the three dimensional structure of DNA

OR

13 (b) Discuss in detail about the structure of metalloporphyrins- heme and chlorophyll

G. V. Chakraborty