

BSC med Scheme

SCHEME OF EXAMINATION FOR B.Sc. (ZOOLOGY) SEMESTER SYSTEM w.e.f. Session 2016-17

B.Sc. I

Semester I						
Sr. No.	Paper code	Nomenclature		Marks-IA	Periods / week	Exam Duration
1.	1.1	Life and Diversity from Protozoa to Helminths		40+10	4	3 hrs.
2.	1.2	Cell Biology		40+10	4	3 hrs.
3.	P-101	Practical (1.1 & 1.2)		50	6&6 (6 periods per group per week)	3 hrs.
Semester II						
4.	2.1	Life and Diversity from Annelids to Hemichordata		40+10	4	3 hrs.
5.	2.2	Genetics		40+10	4	3 hrs.
6.	P-201	Practical (2.1 & 2.2)		50	6&6 (6 periods per group per week)	3 hrs.
Total Semester I & II				300		

B.Sc. II

Semester III						
Sr. No.	Paper code	Nomenclature		Marks-IA	Periods / week	Time
1.	3.1	Life and Diversity of Chordates - I		40+10	4	3 hrs.
2.	3.2	Mammalian Physiology - I		40+10	4	3 hrs.
3.	P-301	Practical (3.1 & 3.2)		50	6&6 (6 periods per group per week)	3 hrs.
Semester IV						
4.	4.1	Life and Diversity of Chordates - II		40+10	4	3 hrs.
5.	4.2	Mammalian Physiology - II		40+10	4	3 hrs.
6.	P-401	Practical (4.1 & 4.2)		50	6&6 (6 periods per group per week)	3 hrs.
Total Semester III & IV				300		

B.Sc. III

Semester V						
Sr. No.	Paper code	Nomenclature	Marks+IA	Periods / week	Time	
1.	5.1	Fish and fisheries	40+10	4	3 hrs.	
2.	5.2	Ecology & Evolution	40+10	4	3 hrs.	
3.	P-501	Practical (5.1&5.2)	50	6&6 (6 periods per group per week)	3 hrs.	
Semester VI						
4.	6.1	Entomology	40+10	4	3 hrs.	
5.	6.2	Developmental Biology	40+10	4	3 hrs.	
6.	P-601	Practical (6.1&6.2)	50	6&6 (6 periods per group per week)	3 hrs.	
Total Semester V & VI			300			
Grand Total Semester I – VI			900			

Note: -

- There will be an internal assessment, in each theory paper, inclusive of 20% of total marks i.e. 40+10
- *1Period=45 minutes
- Conduction of Practical Exams will be held Semester-wise

B.Sc (Vth Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min each)	Max. Marks Written + I.A.	Time
XVII	CH-501	Inorganic Chemistry (theory)	30	25+7	3 hrs.
XVIII	CH-502	Physical Chemistry (theory)	30	25+7	3 hrs.
XIX	CH-503	Organic Chemistry (theory)	30	30+8	3 hrs.
XX	CH-504	Practicals	90	40	3½ hrs

B.Sc (VIth Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min each)	Max. Marks Written + I.A.	Time
XXI	CH-601	Inorganic Chemistry (theory)	30	25+7	3 hrs.
XXII	CH-602	Physical Chemistry (theory)	30	25+7	3 hrs.
XXIII	CH-603	Organic Chemistry (theory)	30	30+8	3 hrs.
XXIV	CH-604	Practicals	70	40	3½ hrs

Syllabi and Courses of reading for B.Sc. Part-I, Part-II and Part-III (Chemistry) w.e.f. 2016-2017, 2017-2018 and 2018-2019

B.Sc (1st Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min. each)	Max. Marks Written + I.A.	Time
I	CH-101	Inorganic Chemistry(Theory)	30	30+8	3 hrs
II	CH-102	Physical Chemistry(Theory)	30	29+7	3 hrs.
III	CH-103	Organic Chemistry (Theory)	30	29+7	3 hrs
IV	CH-104	Practicals	90	40	3½ hrs

B.Sc (IInd Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min. each)	Max. Marks Written + I.A.	Time
V	CH-201	Inorganic Chemistry (theory)	30	30+8	3 hrs.
VI	CH-202	Physical Chemistry (Theory)	30	29+7	3 hrs.
VII	CH-203	Organic Chemistry (theory)	30	29+7	3 hrs.
VIII	CH-204	Practicals	90	40	3½ hrs

B.Sc (IIIrd Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min. each)	Max. Marks Written + I.A.	Time
IX	CH-301	Inorganic Chemistry (Theory)	30	29+7	3 hrs.
X	CH-302	Physical Chemistry (theory)	30	30+8	3 hrs.
XI	CH-303	Organic Chemistry (theory)	30	29+7	3 hrs.
XII	CH-304	Practicals	90	40	3½ hrs

B.Sc (IVth Semester)

Paper No.	Code No.	Nomenclature	Periods (40 min. each)	Max. Marks Written + I.A.	Time
XIII	CH-401	Inorganic Chemistry (theory)	30	29+7	3 hrs.
XIV	CH-402	Physical Chemistry (theory)	30	30+8	3 hrs.
XV	CH-403	Organic Chemistry (theory)	30	29+7	3 hrs.
XVI	CH-404	Practicals	90	40	3½ hrs

SCHEME OF EXAMINATION FOR B.Sc. (BOTANY) SEMESTER SYSTEM
w.e.f. Session 2016-17
Scheme of B.Sc. 1st Year

Semester I					
Sr. No.	Paper code	Nomenclature	Marks+IA	Periods / week	Exam. Duration
1.	BOT 1.1	Diversity of Microbes	40+10	4	3 hrs.
2.	BOT 1.2	Cell Biology	40+10	4	3 hrs.
3.	P-101	Practical (1.1 & 1.2)	50	8	3hrs
Semester II					
4.	BOT 2.1	Diversity of Archegoniates	40+10	4	3 hrs.
5.	BOT 2.2	Genetics	40+10	4	3 hrs.
6.	P-102	Practical (2.1 & 2.2)	50	8	3 hrs
Total Semester I & II			300		

Scheme of B.Sc. II (2017-18)

Semester III					
Sr. No.	Paper code	Nomenclature	Marks+IA	Periods / week	Exam. Duration
1.	BOT 3.1	Biology and Diversity of Seed Plants-I	40+10	4	3 hrs.
2.	BOT 3.2	Plant Anatomy	40+10	4	3 hrs.
3.	P-201	Practical (3.1 & 3.2)	50	8	3 hrs
Semester IV					
4.	BOT 4.1	Biology and Diversity of Seed Plants II	40+10	4	3 hrs.
5.	BOT 4.2	Plant Embryology	40+10	4	3 hrs.
6.	P-202	Practical (4.1 & 4.2)	50	8	3hrs
Total Semester III & IV			300		

Scheme of B.Sc. III (2018-19)

Semester V					
Sr. No.	Paper code	Nomenclature	Marks+IA	Periods / week	Exam. Duration
1.	BOT 5.1	Plant Physiology	40+10	4	3 hrs.
2.	BOT 5.2	Ecology	40+10	4	3 hrs.
3.	P-301	Practical (5.1 & 5.2)	50	8	3hrs
Semester VI					
4.	BOT 6.1	Biochemistry & Plant Biotechnology	40+10	4	3 hrs.
5.	BOT 6.2	Economic Botany	40+10	4	3 hrs.
6.	P-302	Practical (6.1 & 6.2)	50	8	3hrs
Total Semester V & VI			300		
Grand Total Semester I - VI			900		

Note: -

- There will be an internal assessment of 20%, in each theory paper.
- 1 Period =45 minutes
- Practical examination will be held conducted at the end of each semester.