

Approved By Competent Authority Under Section 11(7) of University Act, 2014 on dated 08/10/18

Scheme of Examination for B.Sc.B.Ed. (Four Years Integrated) Regular Programme
Table 1. Semester I Examination

Course No.	Total Credits	Courses	Credits Theory (T)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/lab Hours	Per week(T/P)	Total Hours Per Week (T+P)	Marks					
									Internal assessment	External assessment	Practical	Max Marks		
Group A: Ability Enhancement Compulsory Courses (AECC)														
1	4	AEC1(I) Hindi/ English	3	3	1(T)	0	5	20	80	-----	100			
2	4	AEC2(I) Information and Communication Technology (ICT) in Education-I	3	3	1(P)	2	5	20	60	20	100			
Group C: Core Course														
3	4	Core Course 1(I) Physics/ Botany	3	3	1	2	5	20	60	20	100			
4	4	Core Course 2(I) Chemistry	3	3	1	2	5	20	60	20	100			
5	4	Core Course 3(I) Zoology/ Mathematics	3	3	1	2	5	20	60	20	100			
Group E: Professional Education Courses (PEC) - I: Perspectives in Education (PE)														
6	4	PEEE 101: Basics in Education	3	3	1(T)	2	5	20	80	-----	100			
Group F: Skill Enhancement Course (SEC)														
7	3	WEAP 101 Work Education (Agriculture Practice)-I / WEEE 101: Work Education (Electricity & Electronics)-I	2	2	1(P)	2	4	10	40	-----	50			
Total	27										650			

Total Marks of Semester I

Sudip Bera

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Table 2. Semester II Examination

Course No.	Total Credits	Courses	Credits Theory (L)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/al Hours	Per week(T/P)	Total Hours Per Week (L+T+P)	Marks				
									Internal assessment	External assessment	Practical	Max Marks	
Group A: Ability Enhancement Compulsory Courses (AECC)													
1	4	AEC1(II) Hindi-II/ English-II	3	3	1(T)	0	5	20	80	-----	100		
2	4	AEC2(II) Information and Communication Technology (ICT) in Education-II	3	3	1(P)	2	5	20	60	20	100		
Group C: Core Course													
3	4	Core Course 1(II) Physics/ Botany	3	3	1	2	5	20	60	20	100		
4	4	Core Course 2(II) Chemistry	3	3	1	2	5	20	60	20	100		
5	4	Core Course 3(II) Zoology/ Mathematics	3	3	1	2	5	20	60	20	100		
Group E: Professional Education Courses (PEC) - I: Perspectives in Education (PE)													
6	4	PEBE 102: Childhood and Growing up	3	3	1(T)	2	5	20	80	-----	100		
Group F: Skill Enhancement Course (SEC)													
7	3	WEAP 102 Work Education (Agriculture Practice)-I / WEEE 102: Work Education (Electricity & Electronics)-II	2	2	1(P)	2	4	10	--	40	50		
Total	27										650		
Total Marks of Semester II											650		

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Table 3. Semester III Examination

Course No.	Total Credits	Courses	Credits Theory (L)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/ Lab Hours Per week(T/P)	Total Hours Per Week (L+T+P)	Marks			
								Internal assessment	External assessment	Practical	Max Marks
Group B: Generic Courses (GC)											
1	4	GCEE 201: Environmental Education & Sustainable Development	3	3	1(T)	0	5	20	80	-----	100
Group C: Core Course											
2	4	Core Course I (III) Physics/ Botany	3	3	1	2	5	20	60	20	100
3	4	Core Course 2 (II) Chemistry	3	3	1	2	5	20	60	20	100
4	4	Core Course 3 (III) Zoology/ Mathematics	3	3	1	2	5	20	60	20	100
Group E: Professional Education Courses (PEC) - I: Perspectives in Education (PE)											
5	4	PESS 201: Schooling, Socialization and Identity	3	3	1(T)	2	5	20	80	-----	100
6	2	EPYH 201: Yoga, Health and Well being	1	1	1(P)	2	3	10	40	-----	50
7	2	EFWC 201: Working with Community	0	0	1(P)	---	2 weeks	--	--	50	50
Group G: Choice Based Courses (CBC)											
8	4	(Choose any one from following)									
1) CBCPH-I-201: Physics: Renewable Energy Sources Electronics-II 2) CBCPH-II-201: Physics: Nano Science 3) CBCCH-I-201: Chemistry: Green Chemistry 4) CBCZO-I-201: Zoology: Biodiversity 5) CBCBO-I-201: Botany: Biodiversity 6) CBCOE-201: Geography: Basics of Geographical Information System- GIS 7) CBCMT-I-201: Mathematics: Discrete Mathematics 8) CBCED-I-201: Education: Guidance & Counselling in School 9) CBCED-II-201: Education: Peace Oriented Value Education 10) CBCCLH-201: Language: स्थानिक लेखन प्रश्न उत्तर											

Sudhanshu Kumar

Table-5. Semester V Examination

Course No.	Total Credits	Courses	Credits Theory (T)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/al Hours	Per week(T/P)	Total Hours Per Week (L+T+P)	Marks			
									Internal assessment	External assessment	Practical	Max Marks
Group C: Core Course												
1	4	Core Course1(V) Physics/ Botany	3	3	1	2	5	20	60	20	100	
2	4	Core Course 2(V) Chemistry	3	3	1	2	5	20	60	20	100	
3	4	Core Course 3(V) Zoology/ Mathematics	3	3	1	2	5	20	60	20	100	
			3	3	1(T)	2	5	20	60	20	100	
Group E: Professional Education Courses (PEC) - II: Enhancing Professional Capacities (EPC)												
4	2	EPCAA 301: Arts and Aesthetic Education	1	1	1(P)	2	3	10	---	40	50	
Group E: Professional Education Courses (PEC) - III: Curriculum and Pedagogic Studies (CPS)												
5	4	CPSPS 301: Physical Science: Pedagogy of Physical Science (CBZ group)	3	2	1(T)	2	5	20	80	---	100	
6	4	CPSPM 301: Pedagogy of Mathematics (I) / CPSPBS 301: Pedagogy of Biological Science	3	2	1(T)	2	5	20	80	---	100	
7	4	CPSLA 301: Learning Assessment	3	2	1(T)	2	5	20	80	---	100	
Total	26										650	

Sudhansu Behera

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Table-6. Semester VI Examination

Course No.	Total Credits	Courses	Credits Theory (L)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/lab Hours	Per week(T/P)	Total Hours Per Week (L+T+P)	Marks			
									Internal assessment	External assessment	Practical	Max Marks
Group C: Core Course												
1	4	Core Course 1(VI) Physics/Botany	3	3	1	2		5	20	60	20	100
2	4	Core Course 2(VI) Chemistry	3	3	1	2		5	20	60	20	100
3	4	Core Course 3(VI) Zoology/Mathematics	3	3	1	2		5	20	60	20	100
			3	3	1(T)	2		5	20	80	-----	
Group E: Professional Education Courses (PEC) - III: Curriculum and Pedagogic Studies (CPS)												
4	4	CPSPS 302 Physical Science: Pedagogy of Physical Science (CBZ group)	3	2	1(T)	2		5	20	80	-----	100
5	4	CPSPM 302: Pedagogy of Mathematics (II) / CPSPBS 301: Pedagogy of Biological Science	3	2	1(T)	2		5	20	80	-----	100
Group E: Professional Education Courses (PEC) - IV: Engagement with Field (EF)												
6	4	EFSE 302: School Exposure and related Activities	0	0	4(F)	-----		04 weeks	---	---	100	100
Total	24											600

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Table-7. Semester VII Examination

Course No.	Total Credits	Courses	Credits Theory (L)	Teaching Hours per week	Credits: Practicum/ Lab/Field (P)/ Tutorial(T)	Practicum/ al Hours Per week(T/P)	Total Hours Per Week (L+T+P)	Marks			
								Internal assessment	External assessment	Practical	Max Marks
Group D: Discipline Specific Elective (DSE)#											
1	3	PHY 401: Physics: Quantum Mechanics and Statistical Physics	3	3	1(P)	2	5	20	60	20	100
2	3	CHM 401: Chemistry: Advance Chemistry-I	3	3	1(P)	2	5	20	60	20	100
3	3	ZOO 401: Zoology: Evolution and Palaeontology	3	3	1(P)	2	5	20	60	20	100
4	3	BOT 401: Botany: Plant Anatomy and Ecology	3	3	1(P)	2	5	20	60	20	100
5	3	MTH 401: Mathematics: Number Theory and Theory of Equations	3	3	1(T)	2	5	20	80	-----	100
Group E: Professional Education Courses (PEC) - IV: Engagement with Field (EF)											
6	14	EFSE 302: School Internship	0	0	14(P)	-----	14 weeks	---	---	300	300
Total	23	Total Marks of Semester VII									600

#For CBZ group combination is Chemistry, Botany and Zoology and for PCM group combination is Physics, Chemistry and Mathematics

Sudip Bhowmik

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Table-8. Semester VIII Examination

Course No.	Total Credits	Courses	Credits Theory (L)	Teaching Hours per week	Credits: Practicum/ al (Lab/Field) (P)/ Tutorial(T)	Practicum/al Hours Per week(T/P)	Total Hours Per Week (L+T+P)	Marks			
								Internal assessment	External assessment	Practical	Max Marks
Group D: Discipline Specific Elective (DSE)#											
1	5	PHY 402: Physics: Atomic, Molecular and Nuclear Physics	4	4	1(P)	2	5	20	60	20	100
2	5	CHM 402: Chemistry: Advance Chemistry-II	4	4	1(P)	2	5	20	60	20	100
3	5	ZOO 402: Zoology: Molecular Genetics, Biotechnology and Instrumentation	4	4	1(P)	2	5	20	60	20	100
4	5	BOT 402: Botany: Molecular Biology, Biochemistry and Biotechnology	4	4	1(P)	2	5	20	60	20	100
5	5	MTH 402: Mathematics: Numerical Analysis	4	4	1(T)	2	5	20	80	---	100
6	6	*DSE 402: One Project in Physics / Chemistry / Mathematics / Botany / Zoology	0	0	6(P)	--	--	---	---	100	100
Group E: Professional Education Courses (PEC) - I: Perspectives in Education (PE)											
7	4	PEVE 402: Vision of Education in India-Issues and Concerns	3	3	1(T)	2	5	20	80	100	100
Group E: Professional Education Courses (PEC) - II: Enhancing Professional Capacities (EPC)											
8	2	EPCPE 402: Peace Oriented Value Education	1	1	1(T)	2	3	10	40	---	50
9	2	EPCGI 402: Gender Issues in Education	1	1	1(T)	2	3	10	40	---	50
Total	29										600

Total Marks of Semester VIII

Sundar Bhandari

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#For CBZ group combination is Chemistry, Botany and Zoology and for PCM group combination is Physics, Chemistry and Mathematics assigned in the semester VI only to the candidates of CBZ & PCM groups and they are required to work for the project during the semester VI to semester VIII on topics selected by the candidates in consultation with the project guide/supervisor and final project report shall be submitted only in semester VIII for its evaluation.

Table 9 Semester-wise breakup of credit in B.Sc and B.Ed components

S. No.	Semester	B.Sc. Content Part	B.Ed. Education Part	Total Credits	Total Marks
1	I	20			
2	II	20	7	27	650
3	III	20	7	27	650
4	IV	16	8	28	700
5	V	12	12	28	600
6	VI	12	14	26	700
7	VII	9	12	24	600
8	VIII	21	14	23	600
	Total	130	82	29	600
				212	5100

NSK
Project

Sudhansu Behera