

Structure of Four year Integrated Programme B.Sc. B.Ed. Mathematics

SEMESTER II

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil – II	6	20	120	3	30	70	100
II	Functional English	6	20	120	3	30	70	100
III	Core paper – III Analytical Geometry (3D) and Vector Calculus	6	20	120	3	30	70	100
III	Core Paper – IV Sequences and Series	6	20	120	3	30	70	100
III	Programming in C	6	20	120	2	25	50	75
IV	Childhood & Growing up Part - II	2	20	40	1(1/2)	15	35	50
IV	Understanding Disciplines and subjects	2	20	40	1(1/2)	15	35	50
IV	EPC 1 – Reading and Reflecting on texts	2	20	40	-	50	-	50
Total		36		720				625

SEMESTER - II

Structure of Four year Integrated Programme B.Sc. B.Ed. Physical Science

(PHYSICS)

SEMESTER II

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil-II	6	20	120	3	30	70	100
II	Functional English	6	20	120	3	30	70	100
III	Core Paper – II Thermal Physics and Statistical Methods	6	20	120	3	30	70	100
III	Extensible Learning Physics -II	3	20	60	2	25	50	75
III	Core Practical- I	3	20	60	3	40	60	100
III	Allied Mathematics - II	6	20	120	3	30	70	100
IV	Childhood & Growing up Part - II	2	20	40	1(1/2)	15	35	50
IV	Understanding Disciplines and subjects	2	20	40	1(1/2)	15	35	50
IV	EPC 1 – Reading and Reflecting on texts	2	20	40	-	50	-	50
Total		36		720				725

SEMESTER - II

Structure of Four year Integrated Programme B.Sc. B.Ed. Physical Science

(CHEMISTRY)

SEMESTER II

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil-II	6	20	120	3	30	70	100
II	Functional English	6	20	120	3	30	70	100
III	Core paper II-Inorganic, Organic and Physical Chemistry –II	6	20	120	3	30	70	100
III	Chemistry for School Education paper-II	3	20	60	2	25	50	75
III	Core Practical-I Inorganic Qualitative Analysis	3	20	60	3	40	60	100
III	Allied Mathematics – II (or) Allied Zoology II	6	20	120	3	30	70	100
		4	20	80	3	15	60	75
III	Allied Zoology Practical	2	20	40	3	20	30	50
IV	Childhood & Growing up Part - II	2	20	40	1(1/2)	15	35	50
IV	Understanding Disciplines and subjects	2	20	40	1(1/2)	15	35	50
IV	EPC 1 – Reading and Reflecting on texts	2	20	40	--	50	-	50
Total (Allied Maths)		36		720				725
Total (Allied Zoology)								750

Structure of Four year Integrated Programme B.Sc. B.Ed. Biological Science

(BOTANY)

SEMESTER II

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil – II	6	20	120	3	30	70	100
II	Functional English	6	20	120	3	30	70	100
III	Core Paper - II Biodiversity- II- Pteridophytes, Gymnosperms And Paleobotany	6	20	120	3	30	70	100
III	Bio basics II- Botany	3	20	60	2	25	50	75
III	Core Practical - I	3	20	60	3	40	60	100
III	Allied Zoology	4	20	80	3	15	60	75
III	Allied Zoology Practicals	2	20	40	3	20	30	50
IV	Childhood & Growing up Part - II	2	20	40	1(1/2)	15	35	50
IV	Understanding Disciplines and subjects	2	20	40	1(1/2)	15	35	50
IV	EPC 1 – Reading and Reflecting on texts	2	20	40	-	50	-	50
Total		36		720				750

Structure of Four year Integrated Programme B.Sc. B.Ed. Biological Science

(ZOOLOGY)

SEMESTER II

Part	Study Components – Course Title	Insti. hrs. per week	Weeks per semester	Hours per semester	Exam Hrs	Max. Marks		Total
						Int	Ext	
I	General Tamil-II	6	20	120	3	30	70	100
II	Functional English	6	20	120	3	30	70	100
III	Core Paper – II Chordata	6	20	120	3	30	70	100
III	Basic Zoology -II	3	20	60	2	25	50	75
III	Core Practical- I	3	20	60	3	40	60	100
III	Allied Botany - II	4	20	80	3	15	60	75
III	Allied Botany Practical -I	2	20	40	3	20	30	50
IV	Childhood & Growing up Part - II	2	20	40	1(1/2)	15	35	50
IV	Understanding Disciplines and subjects	2	20	40	1(1/2)	15	35	50
IV	EPC 1 – Reading and Reflecting on texts	2	20	40	-	50	-	50
Total		36		720				750

SEMESTER - II