

TEACHING PLAN FOR HONOURS COURSE (UNDER 1+1+1 SYSTEM)**Academic Session 2017-2018****PART-I****PAPER I (THEORITICAL)**

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE I:	ALGAE	RP	Class lecture, power point presentation, interactive discussion	21
	MICROBIOLOGY	MM	Class lecture, power point presentation, interactive discussion	9
MODULE II	FUNGI AND LICHEN	BP	Class lecture, power point presentation, interactive discussion	16
	PATHOLOGY	MM	Class lecture, power point presentation, interactive discussion	15

PAPER II A (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE III	BRYOPHYTES	BP	Class lecture, power point presentation, interactive discussion	14
	PALAEOBOTANY	MM	Class lecture, power point presentation, interactive discussion	14
	EMBRYOLOGY	BP	Class lecture, power point presentation, interactive discussion	10

PAPER II B (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE IV	ALGAE	RP	Demonstration, interactive discussion, work out	9

	FUNGI	BP	Demonstration, interactive discussion, work out	6
	BRYOPHYTES	BP	Demonstration, interactive discussion	4

PART-II
PAPER III (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE V	PTERIDOPHYTES	RP	Class lecture, power point presentation, interactive discussion	15
	GYMNOSPERMS	BP	Class lecture, power point presentation, interactive discussion	9
MODULE VI	ECOLOGY AND PLANT GEOGRAPHY	MM	Class lecture, power point presentation, interactive discussion	16
	ANATOMY	MM	Class lecture, power point presentation, interactive discussion	22

PAPER IV A (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE VII	MORPHOLOGY	BP	Class lecture, power point presentation, interactive discussion	8
	TAXONOMY OF ANGIOSPERMS	BP	Class lecture, power point presentation, interactive discussion	25

PAPER IV B (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE VIII	WORK OUT (PTERIDOPHYTES)	MM	Demonstration, interactive discussion, work out	9

	WORK OUT (ANGIOSPERMS)	DS	Demonstration, interactive discussion, work out	13
	IDENTIFICATION	BP	Demonstration, interactive discussion, work out	10
	FIELD WORK	DS, MM	Demonstration, interactive discussion	10

PART- III

PAPER V (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE IX	BIOCHEMISTRY	DS	Class lecture, power point presentation, interactive discussion	20
	PHARMACOGNOSY	MM	Class lecture, power point presentation, interactive discussion	7
MODULE X	PLANT PHYSIOLOGY	SH	Class lecture, power point presentation, interactive discussion	19

PAPER VI (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XI	CELL BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	14
	PLANT BREEDING & BIOMETRY	RP	Class lecture, power point presentation, interactive discussion	10
MODULE XII	PLANT BIOTECHNOLOGY	BP	Class lecture, power point presentation, interactive discussion	14
	GENETICS & MOLECULAR BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	30

PAPER VII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XIII	BIOCHEMISTRY	DS	Demonstration, interactive discussion, work out	24
	PHARMACOGNOSY	MM	Demonstration, interactive discussion, work out	8
MODULE XIV	PLANT PHYSIOLOGY	DS	Demonstration, interactive discussion, work out	10
	ANATOMY	BP	Demonstration, interactive discussion, work out	12

PAPER VIII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XV	CELL BIOLOGY AND GENETICS WORK OUT	MM	Demonstration, interactive discussion, work out	12
	CELL BIOLOGY AND GENETICS IDENTIFICATION	MM	Demonstration, interactive discussion	6
MODULE XVI	BIOMETRY	BP	Demonstration, interactive discussion, work out	13
	MICROBIOLOGY	BP	Demonstration, interactive discussion, work out	10
	PLANT PATHOLOGY	BP	Demonstration, interactive discussion, work out	10

TEACHING PLAN FOR HONOURS COURSE (UNDER 1+1+1 SYSTEM)

Academic Session 2018-2019

PART-II

PAPER III (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE V	PTERIDOPHYTES	RP	Class lecture, power point presentation, interactive discussion	15
	GYMNOSPERMS	BP	Class lecture, power point presentation, interactive discussion	9
MODULE VI	ECOLOGY AND PLANT GEOGRAPHY	MM	Class lecture, power point presentation, interactive discussion	16
	ANATOMY	MM	Class lecture, power point presentation, interactive discussion	22

PAPER IV A (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE VII	MORPHOLOGY	BP	Class lecture, power point presentation, interactive discussion	8
	TAXONOMY OF ANGIOSPERMS	BP	Class lecture, power point presentation, interactive discussion	25

PAPER IV B (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE VIII	WORK OUT (PTERIDOPHYTES)	MM	Demonstration, interactive discussion, work out	9
	WORK OUT (ANGIOSPERMS)	DS	Demonstration, interactive discussion, work out	13

	IDENTIFICATION	BP	Demonstration, interactive discussion, work out	10
	FIELD WORK	DS, MM	Demonstration, interactive discussion	10

PART- III

PAPER V (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE IX	BIOCHEMISTRY	DS	Class lecture, power point presentation, interactive discussion	20
	PHARMACOGNOSY	MM	Class lecture, power point presentation, interactive discussion	7
MODULE X	PLANT PHYSIOLOGY	SH	Class lecture, power point presentation, interactive discussion	19

PAPER VI (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XI	CELL BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	14
	PLANT BREEDING & BIOMETRY	RP	Class lecture, power point presentation, interactive discussion	10
MODULE XII	PLANT BIOTECHNOLOGY	BP	Class lecture, power point presentation, interactive discussion	14
	GENETICS & MOLECULAR BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	30

PAPER VII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XIII	BIOCHEMISTRY	DS	Demonstration, interactive discussion, work out	24
	PHARMACOGNOSY	MM	Demonstration, interactive discussion, work out	8
MODULE XIV	PLANT PHYSIOLOGY	DS	Demonstration, interactive discussion, work out	10
	ANATOMY	BP	Demonstration, interactive discussion, work out	12

PAPER VIII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XV	CELL BIOLOGY AND GENETICS WORK OUT	MM	Demonstration, interactive discussion, work out	12
	CELL BIOLOGY AND GENETICS IDENTIFICATION	MM	Demonstration, interactive discussion	6
MODULE XVI	BIOMETRY	BP	Demonstration, interactive discussion, work out	13
	MICROBIOLOGY	BP	Demonstration, interactive discussion, work out	10
	PLANT PATHOLOGY	BP	Demonstration, interactive discussion, work out	10

TEACHING PLAN FOR HONOURS COURSE (UNDER 1+1+1 SYSTEM)**Academic Session 2019-20****PART- III****PAPER V (THEORITICAL)**

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE IX	BIOCHEMISTRY	DS	Class lecture, power point presentation, interactive discussion	20
	PHARMACOGNOSY	MM	Class lecture, power point presentation, interactive discussion	7
MODULE X	PLANT PHYSIOLOGY	SH	Class lecture, power point presentation, interactive discussion	19

PAPER VI (THEORITICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XI	CELL BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	14
	PLANT BREEDING & BIOMETRY	RP	Class lecture, power point presentation, interactive discussion	10
MODULE XII	PLANT BIOTECHNOLOGY	BP	Class lecture, power point presentation, interactive discussion	14
	GENETICS & MOLECULAR BIOLOGY	MM	Class lecture, power point presentation, interactive discussion	30

PAPER VII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XIII	BIOCHEMISTRY	DS	Demonstration, interactive discussion, work out	24
	PHARMACOGNOSY	MM	Demonstration, interactive discussion, work out	8
MODULE XIV	PLANT PHYSIOLOGY	DS	Demonstration, interactive discussion, work out	10
	ANATOMY	BP	Demonstration, interactive discussion, work out	12

PAPER VIII (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOUR
MODULE XV	CELL BIOLOGY AND GENETICS WORK OUT	MM	Demonstration, interactive discussion, work out	12
	CELL BIOLOGY AND GENETICS IDENTIFICATION	MM	Demonstration, interactive discussion	6
MODULE XVI	BIOMETRY	BP	Demonstration, interactive discussion, work out	13
	MICROBIOLOGY	BP	Demonstration, interactive discussion, work out	10
	PLANT PATHOLOGY	BP	Demonstration, interactive discussion, work out	10

TEACHING PLAN FOR GENERAL COURSE (UNDER 1+1+1 SYSTEM)

2017-18

PART I

PAPER I (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE I:	MICROBIOLOGY	BP	Class lecture, interactive discussion	2
	ALGAE	BP		2
	FUNGI	DS		2
	PLANT PATHOLOGY	BP		2
	BRYOPHYTES	DS		2
MODULE II	PTERIDOPHYTES	RP	Class lecture, interactive discussion	2
	GYMNOSPERMS			2
	PALAEOBOTANY & PALYNOLOGY			2
	ANGIOSPERMS (MORPHOLOGY & EMBRYOLOGY)			4
	TAXONOMY			4

PART II
PAPER II (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE III	ANATOMY	MM	Class lecture, interactive discussion	2
	CELL BIOLOGY AND GENETICS			4
MODULE IV	BIOCHEMISTRY AND PLANT PHYSIOLOGY	RP	Class lecture, interactive discussion	3
	ECONOMIC BOTANY			2
	ECOLOGY			2

PAPER III (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE V	WORK OUT ON ALGAE/FUNGI	DS	Demonstration, interactive discussion, work out	8
	WORK OUT ON ANGIOSPERMS		Demonstration, interactive discussion, work out	8
	IDENTIFICATION			2
	FIELD WORK	RP, MM	Field work	3
MODULE VI	PLANT PHYSIOLOGY EXPERIMENT	MM	Demonstration, interactive discussion, work out	4
	ANATOMY			2
	CELL BIOLOGY			4
	IDENTIFICATION			2

PART III

PAPER – IVA (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
Module VII	BIOFERTILIZER	DS	Class lecture, interactive discussion	2
	MUSHROOM			2
	PLANT DISEASE CONTROL			2
	PLANT BREEDING			2
	BIOMETRY			2
	PLANT TISSUE CULTURE			2
	RECOMBINANT DNA TECHNOLOGY			2
	PHARMACOGNOSY			2

PAPER – IVB (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE VIII	MICROBIOLOGY	BP	Demonstration, interactive discussion, work out	2
	BIOMETRY			4
	DEMONSTRATION OF A LABORATORY INSTRUMENT			4
	IDENTIFICATION OF MEDICINAL PLANTS			2
	FIELD WORK	BP, MM	Field work	3

2018-19

PART II

PAPER II (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE III	ANATOMY	MM	Class lecture, interactive discussion	2
	CELL BIOLOGY AND GENETICS			4
MODULE IV	BIOCHEMISTRY AND PLANT PHYSIOLOGY	RP	Class lecture, interactive discussion	3
	ECONOMIC BOTANY			2
	ECOLOGY			2

PAPER III (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE V	WORK OUT ON ALGAE/FUNGI	DS	Demonstration, interactive discussion, work out	8
	WORK OUT ON ANGIOSPERMS			8
	IDENTIFICATION	RP	Demonstration, interactive discussion, work out	2
	FIELD WORK			3
MODULE VI	PLANT PHYSIOLOGY EXPERIMENT	MM	Demonstration, interactive discussion, work out	4
	ANATOMY			2
	CELL BIOLOGY			4
	IDENTIFICATION			2

PART III

PAPER – IVA (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
Module VII	BIOFERTILIZER	DS	Class lecture, interactive discussion	2
	MUSHROOM			2
	PLANT DISEASE CONTROL			2
	PLANT BREEDING			2
	BIOMETRY			2
	PLANT TISSUE CULTURE			2
	RECOMBINANT DNA TECHNOLOGY			2
	PHARMACOGNOSY			2

PAPER – IVB (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE VIII	MICROBIOLOGY	DS	Demonstration, interactive discussion, work out	2
	BIOMETRY			4
	DEMONSTRATION OF A LABORATORY INSTRUMENT			4
	IDENTIFICATION OF MEDICINAL PLANTS			2
	FIELD WORK	DS, MM	Field work	3

2019-20

PART III

PAPER – IVA (THEORY)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
Module VII	BIOFERTILIZER	DS	Class lecture, interactive discussion	2
	MUSHROOM			2
	PLANT DISEASE CONTROL			2
	PLANT BREEDING			2
	BIOMETRY			2
	PLANT TISSUE CULTURE			2
	RECOMBINANT DNA TECHNOLOGY			2
	PHARMACOGNOSY			2

PAPER – IVB (PRACTICAL)

MODULE	TOPIC	TEACHER	MODE OF TEACHING	CLASS HOURS
MODULE VIII	MICROBIOLOGY	DS	Demonstration, interactive discussion, work out	2
	BIOMETRY			4
	DEMONSTRATION OF A LABORATORY INSTRUMENT			4
	IDENTIFICATION OF MEDICINAL PLANTS			2
	FIELD WORK	DS, MM	Field work	3