Faculty of Science

RAMKRISHNADHARMARTHFOUNDATIONUNIVERSITY, BHOPAL

Scheme semester 1,2,3,4,5 and 6

Biotechnology:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-111	Biotechnology	60	10	30	06	Major Subject	100
CHM1-111	Chemistry	60	10	30	06	Minor Subject	100
BO-111/ZO-111	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-121	Biotechnology	60	10	30	06	Major Subject	100
CHM2-121	Chemistry	60	10	30	06	Minor Subject	100
BO-121/ZO-121	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-131	Biotechnology	60	10	30	06	Major Subject	100
CHM1-131	Chemistry	60	10	30	06	Minor Subject	100
BO-131/ZO-131	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
SE-103	Startup and entrepreneurship	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-141	Biotechnology	60	10	30	06	Major Subject	100
CHM2-141	Chemistry	60	10	30	06	Minor Subject	100
BO-141/ZO-141	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-151	Biotechnology	60	10	30	06	Major Subject	100
BODSE-151/ZODSE-151/CHDSE-151	Botany/Zoology /Chemistry	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BTM1-161	Biotechnology	60	10	30	06	Major Subject	100
CHDSE1-161	Chemistry	60	10	30	06	Discipline Specific Elective-1	100
BODSE2-161/ZODSE2-161	Botany/Zoology	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

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Botany:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-111	Botany	60	10	30	06	Major Subject	100
CHM2-111	Chemistry	60	10	30	06	Minor Subject	100
ZO-111	Zoology	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-121	Botany	60	10	30	06	Major Subject	100
CHM2-121	Chemistry	60	10	30	06	Minor Subject	100
ZO-121	Zoology	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-131	Botany	60	10	30	06	Major Subject	100
CHM2-131	Chemistry	60	10	30	06	Minor Subject	100
ZO-131	Zoology	60	10	30	04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-141	Botany	60	10	30	06	Major Subject	100
CHM2-141	Chemistry	60	10	30	06	Minor Subject	100
ZO-141	Zoology	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-151	Botany	60	10	30	06	Major Subject	100
ZODSE-151/CHDSE-151	Zoology /Chemistry	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
BOM1-161	Botany	60	10	30	06	Major Subject	100
CHDSE1-161	Chemistry	60	10	30	06	Discipline Specific Elective-1	100
MBDSE2-161/ZODSE2161 /BTDSE2-161	Micro/Zoology/Biotech	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

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Chemistry:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-111	Chemistry	60	10	30	06	Major Subject	100
ZOM2-111	Zoology	60	10	30	06	Minor Subject	100
BO-111	Botany	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-121	Chemistry	60	10	30	06	Major Subject	100
ZOM2-121	Zoology	60	10	30	06	Minor Subject	100
BO-121	Botany	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-131	Chemistry	60	10	30	06	Major Subject	100
ZOM2-131	Zoology	60	10	30	06	Minor Subject	100
BO-131	Botany	60	10	30	04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-141	Chemistry	60	10	30	06	Major Subject	100
ZOM2-141	Zoology	60	10	30	06	Minor Subject	100
BO-141	Botany	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-151	Chemistry	60	10	30	06	Major Subject	100
ZODSE-151/BODSE-151	Zoology /botany	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CHM1-161	Chemistry	60	10	30	06	Major Subject	100
BODSE1-161	Botany	60	10	30	06	Discipline Specific Elective-1	100
MBDSE2-161/ZODSE2161 /BTDSE2-161	Micro/Zoology/Biotech	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

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Computer Science:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-111	Comp sci	60	10	30	06	Major Subject	100
PYM2-111	Physics	60	10	30	06	Minor Subject	100
MA-111	Maths	60	40		04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-121	Comp sci	60	10	30	06	Major Subject	100
PYM2-121	Physics	60	10	30	06	Minor Subject	100
MA-121	Maths	60	40		04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-131	Comp sci	60	10	30	06	Major Subject	100
PYM2-131	Physics	60	10	30	06	Minor Subject	100
MA-131	Maths	60	40		04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-141	Comp sci	60	10	30	06	Major Subject	100
PYM2-141	Physics	60	10	30	06	Minor Subject	100
MA-141	Maths	60	40		04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-151	Comp sci	60	10	30	06	Major Subject	100
PHYDSE-151/MADSE-151	Physics /Maths	60/60	10/40	30/00	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
CSM1-161	Comp sci	60	10	30	06	Major Subject	100
PHYDSE1-161	Physics	60	10	30	06	Discipline Specific Elective-1	100
MADSE2-161	Maths	60	40		06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

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Mathematics:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-111	Maths	60	40		06	Major Subject	100
PYM2-111	Phy	60	10	30	06	Minor Subject	100
CS-111/CH-111	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-121	Maths	60	40		06	Major Subject	100
PYM2-121	Phy	60	10	30	06	Minor Subject	100
CS-121/CH-121	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-131	Maths	60	40		06	Major Subject	100
PYM2-131	Phy	60	10	30	06	Minor Subject	100
CS-131/CH-131	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-141	Maths	60	40		06	Major Subject	100
PYM2-141	Phy	60	10	30	06	Minor Subject	100
CS-141/CH-141	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-151	Maths	60	40		06	Major Subject	100
PHYDSE1-151/CHDSE1-151	Physics`/Chemistry	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project	60	40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MAM1-161	Maths	60	40		06	Major Subject	100
PHYDSE1-161	Physics	60	10	30	06	Discipline Specific Elective-1	100
CSDSE2-161/ CHDSE2-161	Comp sci/Chem	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

Microbiology:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-111	Microbiology	60	10	30	06	Major Subject	100
CHM2-111	Chemistry	60	10	30	06	Minor Subject	100
BO-111/ZO-111	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-121	Microbiology	60	10	30	06	Major Subject	100
CHM2-121	Chemistry	60	10	30	06	Minor Subject	100
BO-121/ZO-121	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-131	Microbiology	60	10	30	06	Major Subject	100
CHM2-131	Chemistry	60	10	30	06	Minor Subject	100
BO-131/ZO-131	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-141	Microbiology	60	10	30	06	Major Subject	100
CHM2-141	Chemistry	60	10	30	06	Minor Subject	100
BO-141/ZO-141	Botany/Zoology	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-151	Microbiology	60	10	30	06	Major Subject	100
BODSE-151/ZODSE-151/CHDSE-151	Botany/Zoology /Chemistry	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
MBM1-161	Microbiology	60	10	30	06	Major Subject	100
CHDSE1-161	Chemistry	60	10	30	06	Discipline Specific Elective-1	100
BODSE2-161/ZODSE2-161	Botany/Zoology	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

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Physics:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-111	Physics	60	10	30	06	Major Subject	100
MAM1-111	Maths	60	40		06	Minor Subject	100
CS-111/CH-111	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-121	Physics	60	10	30	06	Major Subject	100
MAM2-121	Maths	60	40		06	Minor Subject	100
CS-121/CH-121	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-131	Physics	60	10	30	06	Major Subject	100
MAM1-131	Maths	60	40		06	Minor Subject	100
CS-131/CH-131	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
SE-103	Startup and entrepreneurship	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-141	Physics	60	10	30	06	Major Subject	100
MAM2-141	Maths	60	40		06	Minor Subject	100
CS-141/CH-141	Comp sci/ Chem	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-151	Physics	60	40	30	06	Major Subject	100
MADSE1-151/CHDSE1-151	Maths/Chemistry	60	40/10	00/30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	40		04	Skill Enhancement Course	100
FP-151	Field Project	60	40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
PYM1-161	Physics	60	10	30	06	Major Subject	100
MADSE1-161	Maths	60	40		06	Discipline Specific Elective-1	100
CSDSE2-161/ CHDSE2-161	Comp sci/Chem	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400

Zoology:-

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-111	Zoology	60	10	30	06	Major Subject	100
CHM2-111	Chemistry	60	10	30	06	Minor Subject	100
BO-111	Botany	60	10	30	04	Generic Elective Couse	100
AEC-101	EVS	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-121	Zoology	60	10	30	06	Major Subject	100
CHM2-121	Chemistry	60	10	30	06	Minor Subject	100
BO-121	Botany	60	10	30	04	Generic Elective Couse	100
AEC-102	English	60	40		04	Ability Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-131	Zoology	60	10	30	06	Major Subject	100
CHM2-131	Chemistry	60	10	30	06	Minor Subject	100
BO-131	Botany	60	10	30	04	Generic Elective Couse	100
SE-103	STARTUP AND ENTREPRENEURSHIP	60	40		04	Skill Enhancement Course	100
Grand Total							400

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Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-141	Zoology	60	10	30	06	Major Subject	100
CHM2-141	Chemistry	60	10	30	06	Minor Subject	100
BO-141/	Botany	60	10	30	04	Generic Elective Couse	100
SE-104	Communication Skills	60	40		04	Skill Enhancement Course	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-151	Zoology	60	10	30	06	Major Subject	100
BODSE-151/CHDSE-151	Botany /Chemistry	60	10	30	06	Discipline Specific Elective	100
SE-151	Personality Development & Character Building	60	10	30	04	Skill Enhancement Course	100
FP-151	Field Project		40	60	04	Core	100
Grand Total							400

Subject Code	Title of Paper	External	Internal	Practical	Credits	Group	Total
ZOM1-161	Zoology	60	10	30	06	Major Subject	100
CHDSE1-161	Chemistry	60	10	30	06	Discipline Specific Elective-1	100
MBDSE2-161/BODSE2161/ BTDSE2-161	Micro/Botany/Biotech	60	10	30	06	Discipline Specific Elective-2	100
IP-161	Internship		40	60	04	Core	100
Grand Total							400