

Jiwaji University Gwalior (M.P.)

M.Sc. BOTANY

Session DEC 2017

1 st Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
101		C	BACTERIOLOGY , VIROLOGY & GENERAL MICROBIOLOGY	100	85	29				15	5		
102		C	BIOLOGY AND DIVERSITY OF FUNGI AND PLANT PATHOLOGY	100	85	29				15	5		
103		C	BIOLOGY AND DIVERSITY OF ALGAE BRYOPHYTES AND LICHENS	100	85	29				15	5		
104		C	BIOLOGY AND DIVERSITY OF PTERIDOPHYTES AND GYMNOSPERMS	100	85	29				15	5		
PRAC-1		C	PRACTICAL COURSE BASED ON THEORY COURSE 101 & 102	100				100	40				
PRAC-2		C	PRACTICAL COURSE BASED ON THEORY COURSE 103 & 104	100				100	40				
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR			
600			40%	NO		YES	1MARK/1PAPER	2	6	6			

Jiwaji University Gwalior (M.P.)

M.Sc. BOTANY

Session JUNE 2018

2 nd Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
201		C	ECOLOGY -I : CLIMATOLOGY SOIL SCIENCE AND AUTECOLOGY	100	85	29				15	5		

202		C	ANGIOSPERM ANATOMY, EMBRYOLOGY AND PALYNOLOGY	100	85	29					15	5	
203		C	WATER RELATIONS, GROWTH AND DEVELOPMENT	100	85	29					15	5	
204		C	PLANT BIOCHEMISTRY AND METABOLISM	100	85	29					15	5	
205		C	PRACTICAL COURSE BASED ON THEORY COURSE 201 & 202	100				100	40				
206		C	PRACTICAL COURSE BASED ON THEORY COURSE 203 & 204	100				100	40				
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRAC E Y/N	GRACE IN EACH PAPER	ATKT/ PNS/S uppl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR			
600			40%	NO		YES	1MARK/1PAPER	2	6	6			

Jiwaji University Gwalior (M.P.)

M.Sc. BOTANY

Session DEC 2018

3 rd Semester Scheme

Univer- sity	Microp- ro	Comp/ Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
301		C	ANGIOSPERM MORPHOLOGY AND TAXONOMY	100	85	29					15	5	
302		C	CYTOLOGY AND MOLECULAR BIOLOGY OF PLANTS	100	85	29					15	5	
303		C	BIOMETRY, BIOINFORMATICS AND INSRUMENTATION	100	85	29					15	5	
304		C	ECOLOGY -II SYNECOLOGY , ECOSYSTEMATOLOGY & PHYTOGEOGRAPHY	100	85	29					15	5	
305		C	PRACTICAL COURSE BASED ON THEORY COURSE 301 & 302	100				100	40				
306		C	PRACTICAL COURSE BASED ON THEORY COURSE 303 & 304	100				100	40				

MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR
600			40%	NO		YES	1MARK/1PAPER	2	6	6

Jiwaji University Gwalior (M.P.)
M.Sc. BOTANY
Session JUNE 2019
4 th Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
401		C	GENETICS, PLANT BREEDING AND EVOLUTION	100	85	29					15	5	
402		C	PLANT BIOTECHNOLOGY : IN VITRO CULTURE, GENETIC ENGINEERING AND IPR ISSUES	100	85	29					15	5	
ELECTIVE PAPERS (OPTIONAL)-(ANY TWO)													
403		O	INDUSTRIAL MICROBIOLOGY	100	85	29					15	5	
403		O	BIOCHEMISTRY AND METABOLISM IN PLANTS	100	85	29					15	5	
403		O	ETHNOBOTANY AND ISOLATION OF NATURAL PRODUCTS	100	85	29					15	5	
403		O	STRESSES PHYSIOLOGY	100	85	29					15	5	
403		O	PLANT PATHOLOGY AND MYCOTOXICOLOGY	100	85	29					15	5	
403		O	AGRO ECOSYSTEM	100	85	29					15	5	
404		C	PRACTICAL COURSE BASED ON THEORY COURSE 401 & 402	100					100	40			
405		C	PRACTICAL COURSE BASED ON THEORY COURSE FROM 403 (ANY TWO)	100					100	40			

MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR
500			40%	NO		YES	1MARK/1PAPER	2	10	7

Jiwaji University Gwalior (M.P.)
M.Sc. BOTANY
Session DEC 2018
1 st Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
101		C	BACTERIOLOGY , VIROLOGY & GENERAL MICROBIOLOGY	100	85	29					15	5	
102		C	BIOLOGY AND DIVERSITY OF FUNGI AND PLANT PATHOLOGY	100	85	29					15	5	
103		C	BIOLOGY AND DIVERSITY OF ALGAE BRYOPHYTES AND LICHENS	100	85	29					15	5	
104		C	BIOLOGY AND DIVERSITY OF PTERIDOPHYTES AND GYMNOSPERMS	100	85	29					15	5	
PRAC-1		C	PRACTICAL COURSE BASED ON THEORY COURSE 101 & 102	100				100	40				
PRAC-2		C	PRACTICAL COURSE BASED ON THEORY COURSE 103 & 104	100				100	40				
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR			
600			40%	NO		YES	1MARK/1PAPER	2	6	6			

Jiwaji University Gwalior (M.P.)

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Session JUNE 2019

2 nd Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
201		C	ECOLOGY -I : CLIMATOLOGY SOIL SCIENCE AND AUTECOLOGY	100	85	29					15	5	
202		C	ANGIOSPERM ANATOMY, EMBRYOLOGY AND PALYNOLOGY	100	85	29					15	5	
203		C	WATER RELATIONS, GROWTH AND DEVELOPMENT	100	85	29					15	5	
204		C	PLANT BIOCHEMISTRY AND METABOLISM	100	85	29					15	5	
205		C	PRACTICAL COURSE BASED ON THEORY COURSE 201 & 202	100					100	40			
206		C	PRACTICAL COURSE BASED ON THEORY COURSE 203 & 204	100					100	40			
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR			
600			40%	NO		YES	1MARK/1PAPER	2	6		6		

Jiwaji University Gwalior (M.P.)

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Session DEC 2019

3 rd Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
301		C	ANGIOSPERM MORPHOLOGY AND TAXONOMY	100	85	29					15	5	
302		C	CYTOLOGY AND MOLECULAR BIOLOGY OF PLANTS	100	85	29					15	5	

303		C	BIOMETRY, BIOINFORMATICS AND INSTRUMENTATION	100	85	29					15	5	
304		C	ECOLOGY -II SYNECOLOGY , ECOSYSTEMATOLOGY & PHYTOGEOGRAPHY	100	85	29					15	5	
305		C	PRACTICAL COURSE BASED ON THEORY COURSE 301 & 302	100				100	40				
306		C	PRACTICAL COURSE BASED ON THEORY COURSE 303 & 304	100				100	40				
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR			
600			40%	NO		YES	1MARK/1PAPER	2	6		6		

Jiwaji University Gwalior (M.P.)

M.Sc. BOTANY

Session JUNE 2020

4 th Semester Scheme

University	Micropro	Comp/Option	Course Name	Total Marks	Theory			Practical			Sessional		
					Max.	Min.	Total	Max.	Min.	Total	Max.	Min.	Total
401		C	GENETICS, PLANT BREEDING AND EVOLUTION	100	85	29					15	5	
402		C	PLANT BIOTECHNOLOGY : IN VITRO CULTURE, GENETIC ENGINEERING AND IPR ISSUES	100	85	29					15	5	
ELECTIVE PAPERS (OPTIONAL)-(ANY TWO)													
403		O	INDUSTRIAL MICROBIOLOGY	100	85	29					15	5	
403		O	BIOCHEMISTRY AND METABOLISM IN PLANTS	100	85	29					15	5	
403		O	ETHNOBOTANY AND ISOLATION OF NATURAL PRODUCTS	100	85	29					15	5	
403		O	STREES PHYSIOLOGY	100	85	29					15	5	
403		O	PLANT PATHOLOGY AND MYCOTOXICOLOGY	100	85	29					15	5	

403		O	AGRO ECOSYSTEM	100	85	29				15	5	
404		C	PRACTICAL COURSE BASED ON THEORY COURSE 401 & 402	100				100	40			
405		C	PRACTICAL COURSE BASED ON THEORY COURSE FROM 403 (ANY TWO)	100				100	40			
MAX MARKS			AGGR. PASS %	CLASS Y/N	2nd Div.	GRACE Y/N	GRACE IN EACH PAPER	ATKT/PNS/S appl. Y/N	NO. OF SUB.	NO. OF SUB. TO APPEAR		
500			40%	NO		YES	1MARK/1PAPER	2	10	7		