

Swami Vivekanand University, Sagar (M.P.)

As per model syllabus of U.G.C. New Delhi, drafted by
Central Board of Studies and Approved by Higher
Education and the Governor of M.P.



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Faculty of Science

Syllabus & Prescribed Books

Subject- Geology

M.Sc. Semester Examination

2016-18

I to IV Semester

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COURSEWISE SCHEME

Ist SEMESTER

1. Course Code	: MSCGEO	5. Total Practical	: 2
2. Course Name	: M.Sc. Geology	6. Total Practical Marks	: 100
3. Total Theory Subject	: 4	7. Total Marks	: 300
4. Total Theory Marks	: 200	8. Minimum Passing Percentage	: 36

Sub. Code	Subject Name	Theory										Practical		Total	
		Paper					CCE		Total Marks		Max.	Min.	Max.	Min.	
		1st	2nd	3rd	Max.	Min.	Max.	Min.	Max.	Min.					
Compulsory															
MSCGEO 101	Geodynamics	42	0	0	42	15	8	3	50	18	0	0	50	18	
MSCGEO 102	Structural Geology	42	0	0	42	15	8	3	50	18	0	0	50	18	
MSCGEO 103	Geomorphology	42	0	0	42	15	8	3	50	18	0	0	50	18	
MSCGEO 104	Mineralogy & Geochemics	42	0	0	42	15	8	3	50	18	0	0	50	18	
MSCGEO 105	Practical-I Structural Geology	0	0	0	0	0	0	0	0	0	50	18	50	18	
MSCGEO 106	Practical-II Mineralogy and Geomorphology	0	0	0	0	0	0	0	0	0	50	18	50	18	



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Sub. Code	Subject Name	Theory									Practical		Total	
		Paper					CC E		Total Marks		Max.	Min.	Max.	Min.
1st	2nd	3rd	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
Compulsory														
MSCGEO 201	Igneous and Matamorphics Petrology	42	0	0	42	15	8	3	50	18	0	0	50	18
MSCGEO 202	Sedimentology	42	0	0	42	15	8	3	50	18	0	0	50	18
MSCGEO 203	Stratigraphy of India	42	0	0	42	15	8	3	50	18	0	0	50	18
MSCGEO 204	Plaeobilogy	42	0	0	42	15	8	3	50	18	0	0	50	18
MSCGEO 205	Practical-I Petrology	0	0	0	0	0	0	0	0	0	50	18	50	18
MSCGEO 206	Practical-II Palaeontology and Stratigraphy	0	0	0	0	0	0	0	0	0	50	18	50	18



COURSEWISE SCHEME THIRD SEMESTER

1. Course Code	: MSCGEO	5. Total Practical	: 2
2. Course Name	: M.Sc. Geology	6. Total Practical Marks	: 100
3. Total Theory Subject	: 4	7. Total Marks	: 300
4. Total Theory Marks	: 200	8. Minimum Passing Percentage	: 36

Sub Code	Subject Name	Theory						Practical		Total		
		Paper			CCE		Total Marks		Max.	Min.	Max.	Min.
COMPULSORY		I st	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
MSCGEO 301	Photogeology And Remote Sensing	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 302	Engineering Geology	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 303	Ore Geology	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 304	Mineral Exploration	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 305	Pr. : (I) Photogeology, Remote Sensing And Engineering Geology	-	-	-	-	-	-	-	50	18	50	18
MSCGEO 306	Pr. : (II) Ore Geology And Mineral Exploration	-	-	-	-	-	-	-	50	18	50	18



COURSEWISE SCHEME FOURTH SEMESTER

1. Course Code	: MSCGEO	6. Total Practical Marks	: 100
2. Course Name	: M.Sc. Geology	7. Project Marks	: 50
3. Total Theory Subject	: 4	9. Total Marks	: 350
4. Total Theory Marks	: 200	10. Minimum Passing Percentage	: 36
5. Total Practical	: 2		

Sub Code	Subject Name	Theory							Practical		Total	
		Paper			CCE		Total Marks					
COMPULSORY		I st	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
MSCGEO 401	Fuel Geology	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 402	Mining And Mineral Dressing	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 403	Hydrogeology	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 404	Environmental Geology	42	42	15	08	03	50	18	0	0	50	18
MSCGEO 405	Pr. : (I) Fuel Geology, Mining And Mineral Dressing	-	-	-	-	-	-	-	50	18	50	18
MSCGEO 406	Pr. : (Ii) Hydrogeology/ Environmental Geology	-	-	-	-	-	-	-	50	18	50	18
MSCGEO 407	Project	-	-	-	-	-	-	-	50	18	50	18