

Mandsaur University			
2025 Scheme of Examination			
Semester	V	BCA	System Administration and Cyber Security

S. No.	Category	Theory/ Practical	Subject Code	Subject Name	Maximum Marks		Hours/Week			Credits	Total Marks	Elective Information		
					End Sem Test (EST)	Internal Evaluation Through CCE	L	T	P			Base Code	Elective Subject Code	Elective Subject Name
1	Major Core	Theory	25SACS170T	Cyber Security Techniques and Tools	60	40	3	1	-	4	100	25SACS190T	25SACS191T	Cloud Web Services
2	Minor	Theory	25SACS180T	Cloud Security	60	40	3	-	-	3	100		25SACS192T	Programming in JAVA
3	Skill Enhancement Course	Theory	25SACS190T	Elective-I	60	40	3	1	-	4	100		25SACS193T	Web Application Development Using Python
4	Skill Enhancement Course	Theory	25SACS200T	Elective-II	60	40	3	-	-	3	100	25SACS190P	25SACS191P	Cloud Web Services
5	Major Core	Practical	25SACS170P	Cyber Security Techniques and Tools	50	50	-	-	4	2	100		25SACS192P	Programming in JAVA
6	Major	Practical	25SACS190P	Elective-I	50	50	-	-	4	2	100		25SACS193P	Web Application Development Using Python
7	Project	Practical	25SACS210P	Minor Project	75	75	-	-	8	4	150	25SACS200T	25SACS201T	Ethical Hacking
8													25SACS202T	Digital Forensic
9													25SACS203 T	Cyber Security and Malware
Total					415	335	12	2	16	22	750			

Prepared by  
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Verified By  
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Submitted by  
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Approved by  
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