

**BCA (Bachelor in Computer Application) First Year
SCHEME OF EXAMINATION**

S. No.	Subject Code	Subject Name
1	BCA 28101	Theoretical Foundation of Computer Science Paper I - Discrete Mathematics Paper II - Calculus and Statistical Analysis Paper - III - Introductory Electronics
2	BCA 28102	Fundamentals of IT & O.S.
3	BCA 28103	Programming in 'C' language
4	BCA 28104	Introduction to PC Software & Internet Applications
5	BCA 28105	A. Programming in Visual Basic B. Practical based on BCA 28105 A
6	BCA 28106	A. English Communication skills B. Foundation Course
7	BCA 28107	Practical Based on BCA 28103
8	BCA 28108	Practical Based on BCA 28104

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S. No.	Subject Code	Subject Name
1	BCA 28201	Paper I - Numerical Analysis Paper II - Differentiation and Integration Paper - III - Data Structures
2	BCA 28202	DBMS (Oracle, SQL)
3	BCA 28203	Programming in C++ & Visual C++
S	BCA 28204	Computer Networking & Internet Technology
5	BCA 28205	A. Shell Programming in Unix/Linux B. Practical based on BCA 28205A
6	BCA 28206	A. Principles of Management B. Foundation Course
7	BCA 28207	Practical Based on BCA 28202 & Mini Project (Visual Basic & Oracle/Access)
8	BCA 28208	Practical Based on BCA 28203

**BCA (Bachelor in Computer Application) Final Year
SCHEME OF EXAMINATION**

S. No.	Subject Code	Subject Name
1	BCA 28301	Paper I - Calculus & Geometry Paper II - Differential Equations & Fourier Series Paper - III - Computer System Architecture
2	BCA 28302	Programming in Java
3	BCA 28303	Operating System
4	BCA 28304	Software Engineering
5	BCA 28305	A. Multimedia Tools and Applications B. Practical based on BCA 28305 A
6	BCA 28306	A. Financial Management & Accountancy B. Foundation Course
7	BCA 28307	Practical Based on BCA 28302
8	BCA 28308	Project