

**DEV BHOOMI SCHOOL OF PROFESSIONAL STUDIES,SAHARANPUR**

**DEPARTMENT OF COMPUTER APPLICATION**

S. No.	SUBJECT	SUBJECT CODE	TEACHERS NAME	COURSE	SEME-STER	UNIT	DOS	DOA	QUESTION 1	QUESTION 2
1	PIC	127003	AJIT KUMAR SHARMA	BCA1	1st	4th			differentiate between algorithm and Flowchart?	Explain Problem Solving Techniques?
2	CFOA	127002	VIPUL MALVA	BCA1	1st	4th			Explain Different Window Accessories?	Define Windows Applications?
3	MFCS	127001	MADHVI	BCA1	1st	4th			Explain Properties of trees?	Write matrices representation of graphs?
4	DE & CO	127004	PARVEEN	BCA1	1st	4th			Explain T-flip flops	Explain Counters
5	BC	127005	APURVA	BCA1	1st	4th			Explain planing and layout of bussines latter	What are the essentials of effective correspondings
6	OOPS	BCA-301	RITU RAJ	BCA 2	3rd	4th			Explain the function and define the overloading and overriding methods?	Explain run time polymorphism and multiple inheritance?
7	DS	BCA-302	SHIVAM SAINI	BCA 2	3rd	4th			what is binary tree? Mention the properties of a binary tree.	what is binary search tree? Explain with example.
8	CAAL	BCA-303	JYOTI KIRAN	BCA 2	3rd	4th			WHAT IS INPUT /OUTPUT PROCESSOR?	WHAT IS SERIAL COMMUNICATION?
9	BE	BCA-304	KIRTI MITAL	BCA 2	3rd	4th			Explain Production theroy	Explain Econmics of scale
10	ES	BCA-305	GULNAWAJKHAN	BCA 2	3rd	4th			WHAT DO YOU UNDERSTAND BY PERMUTATION?	WHAT DO YOU UNDERSTAND BY COMBINATION?
11	DBMS	BCA-501	RITU RAJ	BCA 3	5th	4th			Explain relational model concepts?	Explain SQL process write some query?
12	JAVA	BCA-502	SHIVAM SAINI	BCA 3	5th	4th			Explain HTML Tags?	What is HTTP Servlet Basics?
13	CN	BCA-503	AJAY KUMAR	BCA 3	5th	4th			Explain Gateways and Routers?	What is Internetworking?
14	NM	BCA-504	MUNTZIR ALI	BCA 3	5th	4th			Apply Gauss Elimination method to solve the equation $x+4y-z = -5$ , $x+y-6z = 4$ , $3x-y-z = 4$ .	Describe Gauss Seidal iteration method with an example.
15	MIN PROJECT	BCA-508	BRIJESH SIR	BCA 3	5th	4th				
16	FUNDAMENTAL OF COMPUTER	KCA 101	AJIT KUMAR SHARMA	MCA 1	1st	4th			Explain Fundamentals of Block Chain?	Explain about Google and Microsoft Services?
17	PSUC	KCA 102	SHIVAM SAINI	MCA 1	1st	4th			What are structures? How to define and declaring structures?	Explain Union and Operations performed on union?
18	POM	KCA 103	SAKSHI	MCA 1	1st	4th			Explain about the selection of appropriate communication technology.	Write the importance of technical communication.
19	Discrete Mathematics	KCA 104	MADHVI	MCA 1	1st	4th			Give the Introduction of Algebraic Structure and properties.	Write the difference between Cyclic Group and Permutation Groups.
20	COA	KCA 105	RITU RAJ	MCA 1	1st	4th			Define the Dynamic RAM (DRAM). Explain the working of DRAM with a neat diagram?	Define Virtual Memory. Explain the process of converting virtual addresses to physical addresses with aneat diagram?
21	AI	KCA 301	ASHWANI	MCA2	3rd	4th			What Are the Different Types of Machine Learning?	How Do You Handle Missing or Corrupted Data in a Dataset?
22	SE	KCA 302	BRIJESH KUMAR	MCA2	3rd	4th			Explain Black Box Testing?	Explain Alpha Beta Testing?

23	CN	KCA 303	ANU RANI	MCA2	3rd	4th			Briefly explain Deffie Hellman key exchange with an example?	Explain the format of the X.509 certificate and public key infrastructure?
24	CNS	KCA 011	RITU RAJ	MCA2	3rd	4th			Explain UDP and TCP?	Explain techniques for handling Congestion control?
25	WT	KCA 021	ASHWANI	MCA2	3rd	4th			What are the modules of spring framework?	What is the difference between BeanFactory and ApplicationContext?