

**Batch Name: BCA AKU 3RD SEM**

**Subject : OBJECT ORIENTED PROGRAMMING**

**Teacher's Name : Amit Kumar Shukla**

**Batch Time :**

Topic	Chapter / Topic / Schedule of Class	Topics Covered	Date	No. of Students Present	Days Ahead / Behind of planned Schedule	Signature of the Faculty Member	Signature of a Student
1	<b>UNIT-I :</b> Introduction to Programming Paradigms	Introduction to Migration from C to C++					
2		Generation of Programming Languages-1GL,2GL,3GL,4GL,5GL					
3		Programming Paradigms					
4		Introduction to Object Oriented Programming					
5		Features of Object Oriented Programming-Classes, Objects, Method and Message Passing					
6		Features of Object Oriented Programming-Inheritance, Polymorphism-Static Binding and Dynamic Binding, Containership, Genericity					
7		Features of Object Oriented Programming- Delegation, Data Abstraction and Encapsulation, Data Hiding, data Security					
8		Merits and Demerits of OOP					
9		Application of OOP					
10		Difference between C and C++					
11	<b>UNIT-II :</b> Basics of C++ Programming	Introduction to C++					
12		Structure of C++ Program					
13		Compiling and Executing C++, Using Comments					
14		Tokens in C++- Character Set, Keywords, Identifier					
15		Data Types in C++					
16		Variables, Constants, Input Output in C++					
17		Operators in C++					
18		Operators in C++, Operators Precedence and Associativity					
19		Type Conversion and Typecasting					

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20	MARQ/PPT/ASSIGNMENT	MARQ/ASSIGNMENT					
21		Doubt Clarification					
22	Monthly Test - 1	Monthly Test - 1					
23	UNIT-III : Decision Control and Looping Statements	Introduction to Control Statements- Conditional Branching Statement					
24		Iterative Statements, Nested Loops, break, continue, goto statement					
25	Test - 1	Paper Showing of Monthly Test - 1					
26	UNIT-IV : Functions	Need for Functions, Using Functions, Parts of Functions					
27		Passing parameters to the functions- Call by Value, Call by Address, Call by Reference					
28		Default Arguments, Return by Reference					
29		Storage Classes-auto,extern,register,static					
30		Inline functions, Function Overloading, Recursive functions					
31		Recursion versus Iteration					
32	UNIT-IV : Classes and Objects	Specifying a Class-Class Declaration, Function Definition, Creating Objects					
33		Function Definition- Within the Class and Outside of Class					
34		Accessing Object Members, Access Specifier-private, public, protected					
35		Memory Allocation for Class- Static Data Members, Static Member Functions					
36		Array of Objects, Friend Function and Friend Class					
37		Constructors, Characteristics of Constructor					
38		Types of Constructors					
39		Constructor Overloading, Destructors, Characteristics of Destructor					
40		this Pointer, Proxy Classes					

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41		Creating and Destroying objects dynamically using new and delete operators					
42	<b>MARQ/PPT/ASSIGNMENT</b>	<b>MARQ/ASSIGNMENT</b>					
43		<b>Doubt Clarification</b>					
44	<b>Monthly Test - 2</b>	<b>Monthly Test - 2</b>					
45	<b>UNIT-V :</b> Operator Overloading	Introduction to Operator Overloading, Syntax of operator function					
46		Rules for Operator Overloading, operator functions as class members v/s as friend functions					
47	<b>Paper Showing of Monthly Test - 2</b>	<b>Paper Showing of Monthly Test - 2</b>					
48	<b>UNIT-V :</b> Operator Overloading	Overloading Unary Operators					
49		Overloading Binary Operators					
50		Overloading Binary Operators					
51		Overloading stream function					
52		Type Conversion-Converting between types					
53	<b>UNIT-VI :</b> Inheritance	Introduction to Inheritance, Base classes and derived classes					
54		Access Specifiers- public, private, protected mode of inheritance					
55		Type of Inheritance					
56		Type of Inheritance					
57		Constructors and Destructors in derived classes					
58		Virtual Base Classes, Run time Polymorphism-Virtual Functions					
59		Rules for Virtual Functions, Pure Virtual Functions					
60		Abstract Base Classes, Virtual Constructors and Destructors					
61	<b>UNIT-VII :</b> Templates	Introduction to Templates, Types of Templates					
62		Function Template					

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63		Class Template					
64	<b>UNIT-VIII :</b>	Introduction to Exception, Types of Exception					
65	Exception Handling	try block, catch block, throw					
66	<b>UNIT-IX :</b>	Introduction to File and Types, File mode					
67	File Handling	Input stream object, output stream object, Binary file operation					
68	<b>MARQ/PPT/ASSIGNMENT</b>	<b>MARQ / ASSIGNMENT</b>					
69		<b>Doubt Clarification</b>					
70	<b>Monthly Test - 3</b>	<b>Monthly Test - 3</b>					
71		<b>Doubt Clarification</b>					
72		<b>Doubt Clarification</b>					
73	<b>Paper Showing of Monthly Test - 3</b>	<b>Paper Showing of Monthly Test - 3</b>					

Batch Name: BBA SEM-4th

Subject : Social &amp; Marketing Research Methods

Faculty Name : Dr Neshat Qamar

Batch Time :

Days	Chapter / Topic / Schedule of Class	Topics Covered	Date	No. of Students Present	Days Ahead / Behind of planned	Signature of the Faculty Member	Signature of a Student
1	<b>Chapter 1 . INTRODUCTION</b>	Introduction of Indian Society, Social Stratification					
2		Religion, Caste & Class System, Communities, Minorities					
3		Ethnic Groups, Weaker Sections					
4		Schedule Caste, Schedule Tribes, Backward Class					
5		Constitutional Provisions for SC, ST & OBC					
6	<b>Chapter 2. SOCIO-ECONOMIC PROBLEMS</b>	Poverty, Illiteracy, Unemployment, Child labour					
7		Migration, Housing, Occupational Diseases, Insurgency					
8		Terrorism, Crime, Project affected People, Beggary					
9		Social Destitution,Aged Population, Juvenile Delinquency					
10		Problems in family life					
11		Assignment					
12		PPT BASED ACTIVITY					
13		<b>QUIZ</b>					
14	<b>Chapter 3. INDIAN CULTURE</b>	Features,Characteristics & Diversity,Human Values					
15		Differences with Western Culture, Value in Work life					
16		Value Crisis in Contemporary Indian Society					
17	<b>Chapter 4.RESEARCH METHODS 1</b>	Research Methods, Data & Information, Validity&Reliability					
18		Deduction & Induction,Quantitative & Qualitative					
19		Research Project, Choice of Topic,Research Proposal					
20		Objective, Hypothesis, Methodology, Time Frame					
21		Research Design-Exploratory,Descriptive,Experimental					
22		Interview Methods					
23		Observational Methods					
24		Questionnaire, Schedule, Case Studies, Action Research					

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25	<b>Chapter 5. RESEARCH METHODS 2</b>	Documentary Sources, Survey Methods					
26		Survey Designs, Sampling, Qualitative & Quantitative Data					
27		Scaling Techniques					
28		Scaling Techniques concept					
29		Types of Scaling Techniques					
30		Rating & Ranking Scales					
31		Class Test					
32		Quiz					
33	<b>Chapter 6. DATA ANALYSIS</b>	Types of Research Data, Frequency Distribution					
34		Bar Chart, Histograms, Pareto Charts, Statistical Tools					
35		Mean, Median, Mode, Correlation, Regression					
36		Test of Significance based on T,F & Z Distribution					
37		Chi-Square Test, Basic concept of Discriminant Analysis					
38		Factor, Cluster & Conjoint Analysis, MR Applications					
39	<b>Chapter 7. REPORT WRITING</b>	Introduction of Report					
40		Types of Report					
41		Characteristics of a good Research Report					
42		Formatting					
43		Title Page, Abstract					
44		Body of Report					
45		Introduction of the Topic, Methods, Sample					
46		Measures , Design, Result					
47		Conclusion, References					
48		Tables , Figures, Appendices					
49		Qualities of a good Researcher					
50		Presentation of Report					
51		Skills & Methods of Presentation					

Days	Chapter / Topic / Schedule of Class	Topics Covered	Date	No. of Students Present	Days Ahead / Behind of planned	Signature of the Faculty Member	Signature of a Student
52		Use of Technology in Research					
53		Quiz					
54		Assignment- How to write a Research Paper					

Batch Name : BBA\_AKU\_1st\_sem

Subject : Micro Economics

Teacher's Name : Nitish Kumar Rohatgi

Batch Time : .....

Topic	Chapter / Topic / Schedule of Class	Topics Covered	Date	No. of Students Present	Days Ahead / Behind of planned Schedule	Signature of the Faculty Member	Signature of a Student
1	Introduction	Introduction to the subject					
2		Definition, features					
3		Assumptions, Importance, Limitations					
4	Demand	Introduction to Demand					
5		Factors affecting Demand, Law of Demand					
6		Exception to Law of Demand					
7		Movement along the Demand curve and Shift in the Demand curve					
8		Price Elasticity					
9		Cross Elasticity					
10		Income Elasticity, Arc and Point elasticity					
11	<b>MARQ/PPT</b>	<b>MARQ</b>					
12	<b>Doubt Clarification</b>	<b>Doubt Clarification</b>					
13	<b>Monthly Test - 1</b>	<b>TEST-1</b>					
14	Theory of Consumer Behaviour	Utility-Introduction					
15		Total utility and Marginal utility					
16	<b>Paper Showing of Monthly Test - 1</b>	<b>Paper Showing of Monthly Test - 1</b>					
17	Theory of Consumer Behaviour	Law of Diminishing Marginal Utility, Assumptions					
18		Consumer Surplus					
19		Indifference curve, Properties of Indifference Curve					
20		Properties of Indifference Curve, Budget line					
21		Consumer Equilibrium					
22		Introduction to Supply					



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23	Supply	Law of Supply, Factors affecting Law of Supply					
24		Exception to Law of Supply					
25		Elasticity of Supply					
26		Movement along the Supply curve and Shift in the Supply curve					
27	<b>MARQ/PPT</b>	<b>MARQ</b>					
28	<b>Doubt Clarification</b>	<b>Doubt Clarification</b>					
29	<b>Monthly Test - 2</b>	<b>TEST-2</b>					
30	Theory of Production	Factors of Production- Land, Labour					
31		Factors of Production-Capital, Entrepreneur					
32	<b>Paper Showing of Monthly Test - 2</b>	<b>Paper Showing of Monthly Test - 2</b>					
33	Theory of Production	Production Function					
34		Cobb - Douglas production function					
35		Total Product, Average Product, Marginal Product					
36		Law of Variable Proportion					
37		Economies of Scale and Diseconomies of Scale					
38		Productin Function with two Variables					
39	Theory of Cost	Total Fixed Cost, Total Variable Cost, Total Cost					
40		Average Fixed Cost, Average Variable Cost, Average Cost, Marginal cost					
41		Long-run cost curves					
42	<b>MARQ/PPT</b>	<b>MARQ</b>					
43	<b>Doubt Clarification</b>	<b>Doubt Clarification</b>					
44	<b>Monthly Test - 3</b>	<b>Monthly Test - 3</b>					
45		Introduction to Market					

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46	Market Structure	Revenue Concepts- Total Revenue, Average Revenue, Marginal Revenue					
47	<b>Paper Showing of Monthly Test - 3</b>	<b>Paper Showing of Monthly Test - 3</b>					
48	Market Structure	Equilibrium: MR-MC approach, TR-TC approach					
49		Perfect competition- features					
50		Market Equilibrium, Firm and Industry					
51		Perfect Competition-Long- run equilibrium					
52		Monopoly-Features					
53		Monopoly-Equilibrium					
54		Monopolistic Competition-Features					
55		Monopolistic Competition-Equilibrium					
56		Price Discriminating monopoly					
57		Oligopoly-Features					
58		Oligopoly-Kinked					
59	<b>MARQ/PPT</b>	<b>MARQ</b>					
60	<b>Doubt Clarification</b>	<b>Doubt Clarification</b>					
61	<b>Monthly Test - 4</b>	<b>Monthly Test - 4</b>					
62	Revision	Revision					
63		Revision					
64	<b>Paper Showing of Monthly Test - 4</b>	<b>Paper Showing of Monthly Test - 4</b>					