# Lesson Plan Session 2023-24

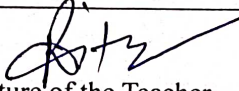Class: -B.com 1st
Semester: - 2nd

Subject: Business Management
Teacher: - Mrs. Ritu Solanki

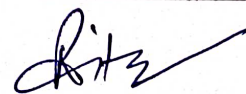| Month:- July | Topic covered |
|---|---|
| Week 4 | Unit -1 business concept meaning |
| Week 5 | nature and scope of business activities and objectives |
| Month:- August | Topic covered |
| Week-1 | Unit -2 Management - An introduction and itsits bits bits basic concepts |
| Week-2 | Nature of management- process and significance |
| Week-3 | development of Management thought classical approach . |
| Week-4 | Neo- classical approach and Modern approach |
| Week-5 | Problem Solving sessions and Oral test |
| Month:- September | Topic covered |
| Week-1 | Unit -3 planning concept and process |
| Week-2 | types of plans |
| Week-3 | Types Of Plans,decision making concept and process |
| Week-4 | decision making concept and process |
| Week-5 | Assignment -1,Group discussion, problem solving  sessions, Oral Test |
| Month:- October | Topic covered |
| Week-1 | management by objectives |
| Week-2 | Unit -4 Organising- concept, Nature and process |
| Week-3 | Forms Of Organisation Structure and contingency factors |
| Week-4 | ,Departmentation : Need and basis Assignment -2, Problem solving sessions,Oral Test and Written test |
| Week-5 | Authority and Responsibility : Delegation of Authority |
| Month:-November | Topic covered |
| Week-1 | decentralization and centralisation Problem solving sessions,Oral and Written Tests |
| Week-2 | Diwali Break |
| Week-3 | revision |

Signature of the Teacher

# Lesson Plan Session 2023-24

Class: -B.com 3rd
Semester: - V

Subject: Income Tax
Teacher: - Mrs. Ritu Solanki

| Month:- July | Topic covered |
|---|---|
| Week 4 | Income tax introduction & important definitions |
| Week 5 | Agriculture income with numerical |
| Month:- August | Topic covered |
| Week-1 | Residence and tax liability (basis of charge ) |
| Week-2 | Exemptions from tax |
| Week-3 | Income from salary with numericals |
| Week-4 | Income from salary with numericals, problem solving sessions, group discussion |
| Week-5 | Income from salary – Retirement with numericals Class test-1 |
| Month:- September | Topic covered |
| Week-1 | Income from salary- retirement with numericals |
| Week-2 | Income from house property -1 |
| Week-3 | Income from house property- 2 |
| Week-4 | Assignment-1, problem solving session, profit & Gain of business |
| Week-5 | Profit & gain of profession with numericals ( presumptive basis) |
| Month:- October | Topic covered |
| Week-1 | Depreciation and investment allowance |
| Week-2 | Capital gains-1 |
| Week-3 | Capital gains -2 |
| Week-4 | Income from other sources, assignment-2, problem solving session |
| Week-5 | Clubbing of income and aggregation of incomes, set off and carry forward losses |
| Month:-November | Topic covered |
| Week-1 | Deduction to be made from GTI |
| Week-2 | Diwali Break |
| Week-3 | Revision |

Signature of the Teacher

# LESSON PLAN

## Session 2023-24          Odd Semester

### Teacher :- Dr. Sunil Kumari

Class :- B Com – 3rd Sem

Subject :- Basics of Retailing

## 1ST TEACHING TERM (25 JULY, 2023 – 9 NOV, 2023)

| | |
|---|---|
| **WEEK 1**<br>25 JULY-30 JULY | Introduction: Meaning, nature, scope and importance of Retailing |
| **WEEK 2**<br>31 JULY-6 AUG | Growth and present size and Future of Retailing in India. Career option in retailing |
| **WEEK 3**<br>7 AUG-13 AUG | Technology induction in retailing; Future of retailing in India |
| **WEEK 4**<br>14 AUG-20 AUG | Problem solution and discussion on topic above |
| **WEEK 5**<br>21 AUG-27 AUG | Types of Retailing: Stores classified by owners; Stores classified by merchandising categories; Wheel of retailing; Traditional retail formats vs. modern retail formats in India |
| **WEEK 6**<br>28 AUG-3 SEPT | Types of Retailing: Store and non-store based formats; Cash and carry business - Meaning, nature and scope |
| **WEEK 7**<br>4 SEPT-10 SEPT | Retailing models – Franchiser - franchisee, directly owned; Wheel of retailing and retailing life cycle; Co-operation and conflict with other retailers. |
| **WEEK 8**<br>11 SEPT-17 SEPT | Problem solution and discussion on topic above |
| **WEEK 9**<br>18 SEPT-24 SEPT | Management of Retailing Operations: Introduction, Management of Retailing operations in Practice |
| **WEEK 10**<br>25 SEPT-1 OCT | Management of Retailing Operations : "the total performance model; Functions of retail management |
| **WEEK 11**<br>2 OCT-8 OCT | Strategic of retail management process. |
| **WEEK 12**<br>9 OCT-15 OCT | Problem solution and discussion on topic above |
| **WEEK 13**<br>16 OCT-22 OCT | Retail planning - importance and process |
| **WEEK 14**<br>23 OCT-29 OCT | Developing retailing strategies, Objectives |
| **WEEK 15**<br>30 OCT-5 NOV | Action plans, Pricing Strategies and location strategies. |
| **WEEK 16**<br>6 NOV-9 NOV | Revision of all Syllabus, Test and Assignment |

### DIWALI VACATIONS (10 NOV, 2023 – 16 NOV, 2023)

### 2ND TEACHING TERM (17 NOV, 2023 – 24 NOV, 2023)

| | |
|---|---|
| **WEEK 17**<br>17 NOV-19 NOV | Revision of all Syllabus, Test and Assignment |
| **WEEK18**<br>20 NOV-24 NOV | Revision of all Syllabus, Test and Assignment |

## EXAMINATIONS OF ODD SEM
## (25 NOV, 2023 – 23 DEC, 2023)

Suresh - BCA Dept.                    2023-24 (odd Sem)

# LESSON PLAN
## Session 2023-24        Odd Semester

Class :- BCA – 1st Sem

Teacher :- Suresh Kumar

Subject :- PC Software

| 1ST TEACHING TERM (25 JULY, 2023 – 9 NOV, 2023) | |
|---|---|
| WEEK 2<br>1 AUG -6 AUG | UNIT - I MS-Windows: Operating system-Definition & functions, basics of Windows. Basic components of windows, |
| WEEK 3<br>7 AUG-13 AUG | icons, types of icons, taskbar, activating windows, using desktop, title bar, running applications, exploring computer, |
| WEEK 4<br>14 AUG-20 AUG | managing files and folders, copying and moving files and folders. Control panel – display properties, adding and removing software and hardware, setting date and time, screensaver and appearance. |
| WEEK 5<br>21 AUG-27 AUG | Using windows accessories. UNIT - II Documentation Using MS-Word - Introduction to word processing Interface, Toolbars, Menus, Creating & Editing Document, Formatting Document, |
| WEEK 6<br>28 AUG-3 SEPT | Finding and replacing text, Format painter, Header and footer, Drop cap, Auto-text, Autocorrect, Spelling and Grammar Tool, |
| WEEK 7<br>4 SEPT-10 SEPT | Document Dictionary, Page Formatting, Bookmark, Previewing and printing document, Advance Features of MS-Word-Mail Merge, Macros, Tables, File Management, |
| WEEK 8<br>11 SEPT-17 SEPT | Printing, Styles, linking and embedding object, Template. |
| WEEK 9<br>18 SEPT-24 SEPT | UNIT - III Electronic Spread Sheet using MS-Excel - Introduction to MS-Excel, Cell, cell address, Creating & Editing Worksheet, |
| WEEK 10<br>25 SEPT-1 OCT | Formatting and Essential Operations, Moving and copying data in excel, Header and footer, Formulas and Functions, |
| WEEK 11<br>2 OCT-8 OCT | Charts, Cell referencing, Page setup, Macros, Advance features of MS-Excel-Pivot table & Pivot Chart, Linking and Consolidation, |
| WEEK 12<br>9 OCT-15 OCT | Database Management using Excel-Sorting, Filtering, Validation, What if analysis with Goal Seek, Conditional formatting. |
| WEEK 13<br>16 OCT-22 OCT | UNIT - IV Presentation using MS-PowerPoint: Presentations, Creating, Manipulating & Enhancing Slides, Organizational Charts, Excel Charts, |
| WEEK 14<br>23 OCT-29 OCT | Word Art, Layering art Objects, Animations and Sounds, |
| WEEK 15<br>30 OCT-5 NOV | Inserting Animated Pictures or Accessing through Object, Inserting Recorded Sound Effect or In-Built Sound Effect. |
| WEEK 16<br>6 NOV-9 NOV | Unit 1 & Unit-II problem |
| DIWALI VACATIONS (10 NOV, 2023 – 16 NOV, 2023) | |
| 2ND TEACHING TERM (17 NOV, 2023 – 24 NOV, 2023) | |
| WEEK 17<br>17 NOV-19 NOV | Unit III & Unit-IV problem |
| WEEK18<br>20 NOV-24 NOV | Test & Assignment |
| EXAMINATIONS OF ODD SEM<br>(25 NOV, 2023 – 23 DEC, 2023) | |

# LESSON PLAN
## Session 2023-24
## Odd Semester

**Class :- BCA-II**

**Teacher :- Ms. Sophia Malik**

**Subject :- DATA STRUCTURES-I(BCA-202)**

| 1ST TEACHING TERM (25 JULY, 2023 – 9 NOV, 2023) | |
|---|---|
| **WEEK 1** <br> 25 JULY-30 JULY | **UNIT-1:** Introduction: Elementary data organization. |
| **WEEK 2** <br> 31 JULY-6 AUG | Elementary data organization, Data Structure definition, Data type vs. data structure, Categories of data structures. |
| **WEEK 3** <br> 7 AUG-13 AUG | Data structure operations, Applications of data structures, Algorithms complexity and time-space tradeoff, Big-O notation. |
| **WEEK 4** <br> 14 AUG-20 AUG | Strings: Introduction, Storing strings, String operations, Pattern matching algorithms. |
| **WEEK 5** <br> 21 AUG-27 AUG | Queries, Tests and Assignments of Unit-1. |
| **WEEK 6** <br> 28 AUG-3 SEPT | **UNIT-2:** Arrays: Introduction, Linear arrays, Representation of linear array in memory, address calculations, Traversal. |
| **WEEK 7** <br> 4 SEPT-10 SEPT | Insertions, Deletion in an array, Multidimensional arrays, Parallel arrays, Sparse arrays. |
| **WEEK 8** <br> 11 SEPT-17 SEPT | Linked List: Introduction, Array vs. linked list, Representation of linked lists in memory, Traversal, Insertion, Deletion. |
| **WEEK 9** <br> 18 SEPT-24 SEPT | Searching in a linked list, Header linked list, Circular linked list, Two-way linked list, Threaded lists, Garbage collection, Applications of linked lists. |
| **WEEK 10** <br> 25 SEPT-1 OCT | Queries, Tests and Assignments of Unit-2. |
| **WEEK 11** <br> 2 OCT-8 OCT | **UNIT-3:** Stack: Introduction, Array and linked representation of stacks, Operations on stacks, Applications of stacks: Polish notation, Recursion. |
| **WEEK 12** <br> 9 OCT-15 OCT | Queues: Introduction, Array and linked representation of queues, Operations on queues, Deques, Priority Queues, Applications of queues. |
| **WEEK 13** <br> 16 OCT-22 OCT | Queries, Tests and Assignments of Unit-3. |
| **WEEK 14** <br> 23 OCT-29 OCT | **UNIT-4:** Tree: Introduction, Definition, Representing Binary tree in memory, Traversing binary trees, Traversal algorithms using stacks. |
| **WEEK 15** <br> 30 OCT-5 NOV | Graph: Introduction, Graph theory terminology, Sequential and linked representation of graphs. |
| **WEEK 16** <br> 6 NOV-9 NOV | Queries, Tests and Assignments of Unit-4. |

| DIWALI VACATIONS (10 NOV, 2023 – 16 NOV, 2023) | |
|---|---|
| 2<sup>ND</sup> TEACHING TERM (17 NOV, 2023 – 24 NOV, 2023) | |
| **WEEK 17**<br>17 NOV-19 NOV | Revision of complete Unit-1 & 2. |
| **WEEK18**<br>20 NOV-24 NOV | Revision of complete Unit-3 & 4. |
| **EXAMINATIONS OF ODD SEM**<br>**(25 NOV, 2023 – 23 DEC, 2023)** | |

*Sophie*

# Lesson Plan
## Session 2023-24

**Name of Assistant Professor:-** Mr. N.N. YADAV
**Class:-** BA/B.Sc-III (5th Semester)
**Subject:-** BM351/12BSM351:: Real Analysis

| Month : JULY | |
|---|---|
| **Week** | **Topic Covered** |
| Week 4 | **Unit I:** Riemann Integral, Integrabililty of Continuous and Monotonic Functions |

| Month : AUGUST | |
|---|---|
| **Week** | **Topic Covered** |
| Week 1 | The Fundamental Theorem of Integral Calculus. Mean Value Theorems of Integral Calculus |
| Week 2 | **Unit II:** Improper Integrals and Their Convergence |
| Week 3 | Comparison Tests, Abel's and Dirichlet's Tests, Frullani's Integral, Integral as a Function of a Parameter |
| Week 4 | Continuity, Differentiability and Integrability of an Integral of a Function of a Parameter |

| Month : SEPTEMBER | |
|---|---|
| **Week** | **Topic Covered** |
| Week 1 | **Unit III:** Definition and Examples of Metric Spaces, Neighborhoods, Limit Points, Interior Points, |
| Week 2 | Open and Closed Sets, Closure and Interior, Boundary Points, Subspace of a Metric Space, |
| Week 3 | Equivalent Metrics, Cauchy Sequences, Completeness, |
| Week 4 | Cantor's Intersection Theorem, Baire's Category Theorem, Contraction Principle |

| Month : OCTOBER | |
|---|---|
| **Week** | **Topic Covered** |
| Week 1 | **Unit IV:** Continuous Functions, Uniform Continuity, |
| Week 2 | Compactness for Metric Spaces, Sequential Compactness, Bolzano-Weierstrass Property, |
| Week 3 | Total Boundedness, Finite Intersection Property, |
| Week 4 | Continuity in Relation with Compactness, Connectedness, Components, Continuity in Relation with Connectedness. |

| Month : NOVEMBER | |
|---|---|
| **Week** | **Topic Covered** |
| Week 1 | *Revision, Test and Assignments |

# Lesson Plan

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| **Name of Assistant Professor** | **Dr Shilpi** |
| **College Name** | **Govt. College, Meham** |
| **Class** | **B.A. & B.Sc. & B.Sc. (MH) Ist** |
| **Semester** | |
| **Subject** | **Solid Geometry/ Mathematics** |
| **Time Period** | **21 July 2023 to 24 November 2023** |

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|---|---|
| **Week 3 of July** | |
| | Discussion about exam pattern. |
| | Review chapter. |
| | Classification of conic sections. |
| **Week 4 of July** | |
| | General equation of second degree. |
| | Articles related to second degree equation. |
| | To find nature of the conic, asymptotes and conjugate hyperbola. |
| | To find length, equation of axes, eccentricity, foci etc. of the conic with examples. |
| **Week 1 of August** | |
| | The parabola in general with examples. |
| | General conic and related articles and examples. |
| | Tracing of conics. |
| | System of conics and related articles. |
| **Week 2 of August** | |
| | Confocal conics and related articles. |
| | Examples based on confocal conics. |
| | Examples. |
| | Polar coordinates and related results. |
| | Different forms of a circle in polar coordinate system. |
| | |
| **Week 3 of August** | |
| | Polar equation of a conic with focus as a pole and related theorems. |
| | Tracing of a conic with examples. |
| | Sphere and it's different forms |
| | Examples |
| | Equation of a sphere passing through four non coplanar points. |
| **Week 4 of August** | |

| | |
|---|---|
| | Plane section of a sphere. Any sphere through a given circle. |
| | Sphere and a line. |
| | Diameteral plane and tangent plane. |
| | Condition of tangency. Examples |
| **Week 5 of August** | |
| | Plane of contact, Polar plane and polar line. |
| | Angle of intersection of two Sphere, orthogonal spheres. |
| **Week 1 of September** | Examples |
| | Length of tangent, power of a point, radical plane and it's properties |
| | Coaxial system of spheres and limiting points. |
| **Week 2 of September** | |
| | Cone, homogeneous equation of cone.                    Examples. |
| | Right circular cone and different equations. |
| | Equation of a cone with a given vertex and base. |
| | Quadric cone through axes and related articles. Examples. |
| | Enveloping cone or tangent cone with examples. |
| | Cone represented by second degree equation. |
| **Week 3 of September** | |
| | Cone and straight line. |
| | Equation of tangent plane and condition of tangency. |
| | Reciprocal cone and examples. |
| | Angle between two lines in which a plane through vertex cuts a cone and examples. |
| | Condition that a cone may have three mutually perpendicular generators and examples. |
| | Condition of three mutually perpendicular tangent planes and examples. |
| **Week 4 of September** | |
| | Introduction to cylinder and different equations. |
| | Right circular cylinder, standard and general form. |
| | Enveloping cylinder and examples. |
| | Problems of the students and revision. |
| | Introduction to conicoid and related results. |
| | Tracing of ellipse. |
| **Week 5 of September** | |
| | Tracing of hyperboloid of one and two Sheets. |
| | Ellipsoid of revolution, intersection of line And Central conicoid, Condition of tangency of a line and conicoid, tangent plane and related results. |
| | Examples. |
| | Examples. |

| | |
|---|---|
| | Director Sphere,normal and related results and examples. |
| Week 1 of October | |
| | Results related to Normals. |
| | Pole,Polar plane and it's properties. |
| | Enveloping cone and Enveloping cylinder. |
| | Conjugate lines and examples. |
| Week 2 of October | |
| | Plane section with a given centre. |
| | Diameteral plane properties and tracing of paraboloids. |
| | Intersection of line and paraboloid and related results. |
| | Examples. |
| | Results based on paraboloids. |
| Week 3 of October | |
| | Examples. |
| | Assignment. |
| | Plane section of conicoids. |
| | Area of the central plane section and examples. |
| | Axes and area of non central plane section. |
| Week 4 of October | |
| | Examples. |
| | Circular sections and examples. |
| | Plane section of the paraboloid,axes and area. |
| | Examples. |
| | Circular section of paraboloids. |
| Week 1 of November | |
| | Generating lines of hyperboloid of one sheet and its properties. |
| | Examples. Confocal conicoids and their properties. |
| | Generating lines of a hyperbolic paraboloid and properties. |
| | Examples. |
| | |
| Week 2 of November | **DIWALI BREAK** |
| | |
| Week 3 of November | Reduction of second degree equation: Introduction and related results. |
| | Revision and Problems. |
| | Test |

# Lession Plan

**Name :** Deepak Berwal

**SubJect:-** History of India (earliest times to c. 1200 A.D.)

**Semester** 1ˢᵀ Sem (HISTORY)

Week 1 Reconstructing and Interpreting Ancient India a. Defining History, History and Past b. Sources of Ancient India

Week 2. Pre-Historical Age a. Main features of Paleolithic, Mesolithic and Neolithic Cultures of India

Week 3. Harappan Civilization a. Origin, Extent and Town Planning b. Economy and Religion c. Problem of Decay

Map: Important sites of Harappan Civilization

Week 4. The Vedic Age (c.1500 B.C. to 600 B.C.) a. Social, Economic Activities b. Political, Religious Activities

Week 5. Second Urbanization and the rise of Territorial States

Week 6. New Religious Movements : Jainism & Buddhism

Week 7. Foreign Invasions: Achaemenian and Masedonian, their Impacts.

Week 8. Mauryan Empire: Formation and Consolidation : Ashoka's Dhamma : Social and Economic condition : Decline of Empire

Map:- Extent of Ashoka's Empire and Pillar Edicts

Week 9 Post Mauryan Age The Kushanas Satavahanas Cholas

Map : Extent of Kushana's Empire

Map: . Ports and Trade routes of Ancient India

Week 10. Gupta Empire a. Formation and Consolidation

Week 11. Contribution to Indian Culture PostGupta period

Week 12. Pushpabhutis Tripartite Struggle- Pratiharas, Palas, Rastrakutas

Map :- Extent of Harshavardhana Empire

Week 13 Arab & Turkish invasions and their Impacts

# Lession Plan

**Name :-** Delbag Beswel

**SubJect :-** Ancient and Medieval World

**Semester** 5th Sem ( HISTORY )

**Week 1:-** Pre-Historic Cultures

Hunting stage (Paleolithic) , Hunting — gathering stage (Mesolithic) (c)

**Week 2:-** Food producing stage (Neolithic)

**Week 3:-** Bronze Age Civilizations :- Sumerian Civilization : Socio-economic structure

**Week 4:-** Bronze Age Civilizations :- Egyptian Civilization : Socio-economic structure   Indus Civilization : Socio-economic structure

**Map:-** Indus valleycivilization

**Week 5:-** Iron age civilizations:-   Greek civilization ; Polity, Society and Economy

**Map :-** Main centers of Greek-Roman civilization

**Week 6: -** Iron age civilizations   :- Roman civilization : Polity, Society and Economy ,   Indian civilization : P.G.W. Culture

**Week 7:-** Feudalism in Medieval Europe , Feudalism : Definition, Rise, Features and Decline

**Week 8:-** Role of Church in Medieval Europe

**Week 9:-** Islamic World Rise of Islam : Socio-Political background of Pre-Islamic Arabia, Evolution of Islamic State under Prophet Muhammad, Pious Caliphs

**Week 10:-** State under Umayyads and Abbasids; Intellectual and cultural contribution of the Arab civilization

**Map : -** Formation of empire under Abbasids

**Week 11:-** Transition of Europefrom Medieval to Modern Period : (a) Renaissance : Rise and its impact

**Week 12:-** Reformation : Rise and its impact

**Week 13:-** Reviosin of Important   Topic.

# LESSON PLAN
## (Session 2023-24)
### From July to November

**Class:-** B.A.
**Semester:-1st**

**Subject:-** INTRODUCTION TO PSYCHOLOGY
**Teacher:-** DR. VARSHA RANI

| Month:- July | Topics covered |
|---|---|
| Week 4 | Chapter-1 <br> Introduction and meaning of psychology, history of psychology, emergence as science, |
| Week 5 | Chapter-1 (contd.) <br> subject matter of psychology, branches of psychology |
| **Month:- August** | **Topics covered** |
| week-1 | Chapter-7 <br> Personality meaning, definition, Nature of personality, Determinants of personality |
| week-2 | Chapter-7 (contd.) <br> Type approach to personality, Psychobiological type theories, Psychological type theories |
| week-3 | Chapter-7 (contd.) <br> Trait approach to personality, Allport's approach, Cattell's approach, Eysenck's biological approach |
| week-4 | Chapter-7 (contd.) <br> Measurement of personality <br> Chapter-5 <br> Emotions: meaning and definition ,Nature of emotions |
| week-5 | Chapter-5 (contd.) <br> Bodily changes, External changes, Internal changes |
| **Month:-September** | **Topics covered** |

| week-1 | Chapter-5 (contd.)<br>Theories of emotion: James-Lange Theory, Cannon-Bard Theory, Schachter-Singer Theory |
|---|---|
| week-2 | Chapter-3<br>Sensation and receptors, types of receptors, Sensory processes (visual and auditory), *Poster-Making and slogan writing competition (Departmental activity)* |
| week-3 | Chapter-3 (contd.)<br>Structure and functions of human eye, Structure and functions of human ear |
| week-4 | Chapter-6<br>Motivation: Meaning and definition ,Nature of motivation, Criteria of motivational variables, |
| week-5 | Chapter-6 (contd.)<br>Meaning of need, drive and incentive, Biological motives, Psychological Motives |
| Month:-October | Topics covered |
| week-1 | Chapter-4<br>Perception: meaning and definition, Nature of perception, Perception of form-figure and ground, Laws of Perceptual Organization, |
| week-2 | Chapter-4 (contd.)<br>Depth perception: Meaning, Depth cues: Binocular depth cues and monocular depth cues |
| week-3 | Chapter-8<br>Intelligence: Meaning and definition, Nature of intelligence, Theories of intelligence, Spearman theory, Thurstone's theory of intelligence, |
| week-4 | Chapter-8 (contd.)<br>Cattell's theory of intelligence, Measurement of intelligence |

| Week-5 | Chapter-2<br>Methods of psychology- Experimental method, Observation method and Survey method |
|---|---|
| **Month:-November** | **Topics covered** |
| Week-1 | Assignments/presentations<br>Revision from entire syllabus<br>Test of UNIT -1 and 2 |
| week-2 | Revision from entire syllabus<br>UNIT-3 and 4 (TEST) |

Varsha

# Lesson Plan Session 2023-24

**Class:** -BA.I      **Subject:** - DEFENCE STUDIES

**Semester:** - 1st      **Teacher:** - Sh. Phool Kawar/Dr. Bhupender Singh (Sharing Classes)

**PAPER - I WORLD'S MILITARY HISTORY - I (EARLIEST TIMES TO 1789 A.D.)**

| Month:- July | Topic covered |
|---|---|
| Week 4 | 1. Orientation of Course and Subject-Scope and Opportunities. Introduction to the contents of paper and its application in GEOPOLITICS. |
| Week 5 | 1. INTRODUCTION TO THE TOPIC OF INFLUENCE OF ARMAMENT ON THE HISTORY OF WORLD. <br> 2. Inter-Relationship of Weapons and Tactics. |
| **Month:- August** | **Topic covered** |
| Week-1 | 1. Wintringham Theory and Fuller's Classification. <br> 2. Constant Tactical Factor. |
| Week-2 | 1. INTRODUCTION TO THE AGE OF VALOUR <br> 2. Comparative Study of Greek Phalanx and Roman Legion with special Reference to the battle of Pydna. |
| Week-3 | 1. Detailed study of the Battle of Arbella (331 B.C.) <br> 2. Battle of Cannae (216 B.C.) |
| Week-4 | 1. Reforms made by Alexander the great in the Art of Warfare. <br> 2. INTRODUCTION TO THE AGE OF CHIVALRY (378 A.D. - 1346 A.D.) <br> 3. Decline of infantry and emergence of Cavalry with to special Reference to Battle of Adrianople (378 A.D.) |
| Week-5 | 1. Study of Battle of Hastings (1068 A.D.) <br> 2. Study of Battle of Crecy (1348 A.D.) <br> 3. Causes of the decline of Cavalry. |
| **Month:- September** | **Topic covered** |
| Week-1 | 1. Influence of Feudalism, Church and Chivalry, Medieval Warfare. <br> 2. INTRODUCTION TO THE AGE OF GUN-POWDER. <br> 3. Advent of Fire-arms and re-emergence of Infantry. |
| Week-2 | 1. Impact of Science and Technology on Warfare. <br> 2. Military reforms and contributions of Gustavus Adolphus and Frederick the Great. |
| Week-3 | 1. INTRODUCTION TO THE AGE OF STEAM. <br> 2. Revolution in Tactics. |
| Week-4 | 1. French Revolution (1789 A.D.) |
| Week-5 | 1. Napoleonic Art of War. (1815 A.D.) |

| Month:- October | Topic covered |
| --- | --- |
| Week-1 | 1. Battle of Waterloo (1815 A.D.)<br>2. Revision of Previous Chapters. |
| Week-2 | 1. INTRODUCTION TO THE WORLD FAMOUS CONTEMPORARY MILITARY THINKERS.<br>2. Revision of Previous Chapters. |
| Week-3 | 1. Study about SUN TZU |
| Week-4 | 1. Study about KAUTILYA |
| Week-5 | 1. Study about MACHIAVELLI |
| Month:-November | Topic covered |
| Week-1 | 1. Study about CLAUSEWITZ |
| Week-2 | 1. Study about JOMINI<br>2. Revision of previous Chapters |
| Week-3 | 3. Revision |

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Signature of the Teacher

# LESSON PLAN – July 2023

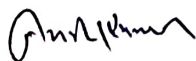**Class: - BA II Year**  **Odd Semester (3ᵗʰ)**
**Name of the Assistant/ Associate Professor: -Dr. Neeraj Solanki/Sh. Anil (Sharing)**
**Name of the Subject: - Defence Studies**
**Name of the Paper: - World Military History (Modern)**

| Month | Week | Subject Matter / Syllabus |
|---|---|---|
| July | Week 1 | Industrial Revolution and its Impact on Military Power. |
| | Week 2 | American Civil War (1862-65), Introduction |
| August | Week 3 | Causes |
| | Week 4 | Main Events |
| | Week 5 | Effects on warfare |
| | Week 6 | Russo-Japanese war (1904-1905), Introduction |
| September | Week 7 | Causes |
| | Week 8 | Main Events |
| | Week 9 | Political Consequences |
| | Week 10 | World War 1ˢᵗ and its Origin:- Causes of the World War-I |
| | Week 11 | Trench warfare and Armour with special reference to the battle of Somme. |
| October | Week 12 | Naval Warfare; (i) Element of Sea Power, (ii) Naval Strategy and Tactics during world War-1. |
| | Week 13 | |
| | Week 14 | Air Warfare: Birth and concept of Air Power and its development |
| | Week 15 | Role of Air Craft during World War-1 Second World War: -Causes and Origin of World War-II. |
| November | Week 16 Week 17 Week 18 Week 19 | Armoured Warfare; Concepts of J.F.C.Fuller, Guderian and Liddell Hart. Air Warfare: Concepts of Douhet, Mitchell. Sea Power; Contribution of A.T.Mahan on Naval Warfare. Nuclear Warfare: Beginning of Nuclear Era. Main destructive effects of nuclear energy. Flash, heat, thermal radiation, blast and nuclear radiation. Theories of Nuclear Warfare: Deterrence and Massive Retaliation. Rivision |

Signature of the Teacher

<u>Lesson plan</u>

**Name : Sandeep Sharma**
**Class : BSc 1st Year (1st sem)**
**Section : A**
**Session : 2023-24**
**Subject : Mechanics, Electricity and Magnetism**

| Month/Week | Topic |
|---|---|
| July Week 3 | Mechanics of single and system of particles. <br><br> Mathematical Background : Scalars and Vectors, dot and cross product, Triple vector product, Scalar and Vector fields |
| July Week 4 | conservation of laws of linear momentum, angular momentum. <br><br> Differentiation of a vector, Gradient of a scalar and its physical significance, Integration of a vector (line, surface and volume integral and their physical significance) |

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| Aug. Week 1 | Conservation of mechanical energy and its application. <br><br> Gauss's divergence theorem and Stocks theorem |
| Aug. Week 2 | Centre of mass and equation of motion <br><br> Electrostatic Field : Derivation of field E from potential as gradient, derivation of Laplace and Poisson equations. Elecotric flux |
| Aug. Week 3 | constrained motion, degrees of freedom <br><br> Gauss's Law and its application to spherical shell, uniformly charged infinite plane and uniformity charged straight wire, mechanical force of charged surface, Energy per unit volume |
| Aug. Week 4 | Generalised coordinates, displacement, velocity, acceleration <br><br> Magnetostatistics : Magnetic Induction, magetic flux, solenoidal nature of Vector field of induction. |
| Aug. Week 5 | Generalised coordinates, momentum, force and potential. <br><br> Properties of B (i) .B = 0 (ii) xB= J |

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| Sep. Week 1 | Hamilton's variational principle <br><br> Electronic theory of dia and para magnetism (Langevin's theory) |

Sandeep

| Sep. Week 2 | Lagrange's equation of motion from Hamilton's Principle |
|---|---|
| | Domain theory of ferromagnetism |
| Sep. Week 3 | Linear Harmonic oscillator, simple pendulum, Atwood's machine |
| | Cycle of Magnetisation - Hysteresis (Energy dissipation, Hysteresis loss and importance of Hysteresis curve). |
| Sep. Week 4 | Rotation of Rigid body, moment of inertia, torque, angular momentum |
| | Electromagnetic Theory : Maxwell equation and their derivations |

| Oct. Week 1 | kinetic energy of rotation. Theorems of perpendicular and parallel axes with proof. |
|---|---|
| | Displacement Current , Vector and scalar potentials. |
| Oct. Week 2 | Moment of inertia of solid sphere, hollow sphere, spherical shell. |
| | Boundary conditions at interface between two different media. |
| Oct. Week 3 | Moment of inertia of solid cylinder, hollow cylinder and solid bar of rectangular cross-section. |
| | Propagation of electromagnetic wave (Basic idea, no derivation). |
| Oct. Week 4 | Acceleration of a body rolling down on an inclined plane |
| | Poynting vector and Poynting theorem |

| Nov. Week 1 | Revision |
|---|---|

## Lesson Plan-I    2023-24

| Name of the Faculty | Naseeb Singh |
|---|---|
| Discipline | B.Sc. I |
| Semester | Semester-I |
| Subject | PHYSICAL CHEMISTRY |
| Lesson Plan duration | From July 2023 to November 2023 |

| Week/Month | Name of Topics |
|---|---|
| 4 week July | Gaseous States <br> Kinetic Molecular Theory of Gases , Maxwell's distribution of velocitie s and energies |
| 1 week August | Calculation of root mean square velocity, average velocity and most probable velocity. |
| 2 week August | Collision diameter, collision number, collision frequency and mean free path (Derivations excluded). |
| 3 week August | Deviation of Real gases from ideal behavior, Derivation of Van der Waal's Equation of State. |
| 4 week August | Its application in the calculation of Boyle's temperature (compression factor). |
| 1 week of September | Critical Phenomenon <br> Critical tempera ture, critical pressure, critical volume and their determination. |
| 2 week of September | PV isotherms of real gases, continuity of states, the isotherms of Van der Waal's equation. |
| 3 week of September | Relationship between critical constants and Van der Waal's constants. |
| 4 week of September | Critical compressibility factor. The Law of corresponding states. |
| 1 week of October | Liquid States Structure of liquids. Properties of liquids – surface tension, refractive index, viscosity. |
| 2 week of October | Solid State <br> Classification of solids, Law of constancy of interfacial angles, law of rational indices, Miller indices. |
| 3 week of October | Elementary ideas of symmetry and symmetry elements, seven crystal systems and fourteen Bravais lattices. |
| 4 week of October | X-ray diffraction, Bragg's law, a simple account of Laue method, rotating crystal method and powder pattern method. |
| 1 week of November | Revision and Class tests. |
| 2 week of November | Revision and Class tests. |
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# Lesson Plan
## Govt. College, MEHAM
## Department of Geography,
## Paper: Economics Geography (Theory)

## Class and Session: B.A. 5th SEM, (2023-24)
## (from July 2023to November 2023)
## Name of the Assistant /Associate Professor: Mr. Rohit Kumar

| Date, Week,Month | Chapter and Topic |
|---|---|
| Week:1, July - August | Chapter 1: Meaning and definition of economics Geography Nature and Scope of Economics Geography |
|  | Economics Geographys branches |
|  | Relation with social science |
| Week: 2, August | Chapter 2: Classification of economics activities of economics Geograhpy |
|  |  |
| Week: 3,August | Economic activities impact on environment and improvement environment |
| Week: 4, August | World natural Resources Water, Forest, Soil and Minerals |
|  | Types bases and classification of Natural Resources |
| Week: 5, August | Meaning definition of conservation |
|  | Conservation of Water, Soil, Mineral resource and Forest |
| Week: 6, August | Special distribution of Food Rice and Wheat |
| Week: 7, August | Commericial Cotton Sugercane and Plantation Crop Tea Rubber and Coffee |
| Week: 8, August- September | Trade of crops |
| Week: 9, September | Classification of Mineral Resources |
| Week:10, September | Distribution and Producation of Col And Iron |
| Week: 11, September | Petroleum and Natural Gases |

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| Week: 12, September-October | Classification of Industries World distribution and production of Iron and Steel |
| Week: 14, October | Textile Industries Measure Industrial Complexes of the world |
| Week: 16, October | Transport Road Railport |
| Week: 17, November | Communication satellite etc. |
| Week: 18, November | Trades Geogrophy Factors in development of land air transport etc |
| Week: 19, November | Revision |
| Week: 20, November | Revision |

Mrs. Pinki
Dr. Dinesh
Dr. Babita
Mrs. Savita

हिन्दी-विभाग                 सत्र – 2023-24
B.A. Ist year (Ist Sem)
पाठ – योजना

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25 जुलाई से 26 जुलाई – हिन्दी साहित्य का सामान्य परिचय एवं काल विभाजन पर विभिन्न विद्वानों का मत एवं साहित्य इतिहास लेखन परम्परा।

31 जुलाई से 2 अगस्त – आदिकाल के नामकरण की समस्या एवं आदिकाल की विभिन्न परिस्थितियाँ।

7 अगस्त से 9 अगस्त – आदिकाल की सामान्य प्रवृत्तियाँ।

14 अगस्त से 16 अगस्त – रासोकाव्य परम्परा का साहित्य परिचय एवं पृथ्वीराज रासो की प्रामाणिकता एवं अप्रमाणिकता।

मासिक परीक्षा एवं Assignment

21 अगस्त से 23 अगस्त – मध्यकालीन काव्य कुंज पाठ्य-पुस्तक के प्रथम कवि कबीर का साहित्यिक परिचय एवं संकलित साखियों का पठन-पाठन।

28 अगस्त से 30 अगस्त – सूरदास का साहित्यिक परिचय एवं संकलित पदों का पठन-पाठन।

4 सितंबर से 6 सितंबर – तुलसीदास का साहित्यिक परिचय एवं संकलित काव्य का पठन-पाठन।

11 सितंबर से 13 सितंबर – मीराबाई का साहित्यिक परिचय एवं संकलित काव्य का पठन-पाठन।

मासिक परीक्षा एवं Assignment

18 सितंबर से 20 सितंबर - रसखान का साहित्यिक परिचय एवं संकलित काव्य का पठन - पाठन।

25 सितंबर से 27 सितंबर - बिहारी का साहित्यिक परिचय एवं संकलित काव्य का पठन - पाठन।

2 अक्टूबर से 4 अक्टूबर - घनानन्द का साहित्यिक परिचय एवं संकलित काव्य का पठन - पाठन।

9 अक्टूबर से 11 अक्टूबर - काव्यशास्त्र की परिभाषा, स्वरूप एवं तत्वों की विवेचना। मासिक परीक्षा एवं Assingment

16 अक्टूबर से 18 अक्टूबर - शब्द शक्ति की परिभाषा, अर्थ एवं प्रकार। काव्यगुण की परिभाषा अर्थ एवं प्रकार।

23 अक्टूबर से 28 अक्टूबर - अलंकार की परिभाषा, अर्थ, एवं काव्य में अलंकारों
30 नवम्बर 4 नवम्बर - का महत्व और पाठ्यक्रम में संकलित अलंकारों का विवेचन।

6 नवम्बर से 8 नवम्बर - छन्दशास्त्र की चर्चा एवं विभिन्न रसों का विवेचन।

10 नवम्बर से 16 नवम्बर - Diwali holidays

17 से 24 नवम्बर - पाठ्यक्रम से सम्बन्धित समस्याओं पर चर्चा एवं पुनरावलोकन।

HOD

Babita सिंह

<u>Lesson Plan - 2023 -24</u>    1) Mrs. Sonika
                                 2) Mrs. Usha Rani
<u>Class · B·A 2nd Year (3rd Semester)</u>
<u>English Text</u>

Week 4th July : Important Poetic Forms and Devices
2023

Week 1st Aug : Important Poetic Forms and Devices
2023

"   2nd      : Sonnet XVIII

"   3rd      : Know Then Thyself

"   4th      : Elegy written in a Country churchyard

Week 1st Sep : Elegy written in a Country churchyard
2023

2nd          : The world is too Much With us

3rd          : Ode on a grecian Urn

4th          : My last Duchess

Week 1st Oct : When You are old
2023

"   2nd      : Where the Mind is without fear

"   3rd      : The Bangle Sellers

"   4th      : Another Woman

Week 1st     : Transcriptions
Nov
2023

             : Revision

Week 2nd
Nov          : Revision

Week 3rd     : Revision

                                      Ravita Nidhi
                                          9/9/23
                          Usha       Sonika
                          9/9/23   07/09/2023