

MAHARSHI DAYANAND SARASWATI UNIVERSITY, AJMER



पाठ्यक्रम
SYLLABUS

SCHEME OF EXAMINATION AND COURSES OF STUDY

FACULTY OF LAW

**One Year Diploma Course in Labour Law
Labour Welfare & Personal Management Examination
(w.e.f. 2015-16)**

**One Year Diploma Course in Criminology and
Criminal Administration Examination
(w.e.f. 2016-17)**

महर्षि दयानन्द सरस्वती विश्वविद्यालय, अजमेर

NOTICE

1. Change in Statutes/Ordinances/Rules/Regulations/ Syllabus and Books may, from time to time, be made by amendment or remaking, and a candidate shall, except in so far as the University determines otherwise comply with any change that applies to years he has not completed at the time of change. **The decision taken by the Academic Council shall be final.**

सूचना

1. समय-समय पर संशोधन या पुनः निर्माण कर परिणियमों /अध्यादेशों / नियमों / विनियमों / पाठ्यक्रमों व पुस्तकों में परिवर्तन किया जा सकता है, तथा किसी भी परिवर्तन को छात्र को मानना होगा बशर्ते कि विश्वविद्यालय ने अन्यथा प्रकार से उनको छूट न दी हो और छात्र ने उस परिवर्तन के पूर्व वर्ष पाठ्यक्रम को पूरा न किया हो। विद्या परिषद द्वारा लिये गये निर्णय अन्तिम होंगे।

**ONE YEAR DIPLOMA COURSE IN LABOUR LAW
LABOUR WELFARE AND PERSONNEL MANAGEMENT****Scheme of Examination**

R. 21B- For the diploma course in Labour Law, Labour welfare and personnel Management, candidates must obtain for a pass at least 40% marks in individual papers and 48% in the total aggregate of the successful candidates. Those securing 60% or more marks in the aggregate shall be placed in the first division and ~~most~~ in the second division. Each paper shall be of three hours duration and carry 100 marks.

SYLLABUS**PAPER-I INDUSTRIAL RELATIONS AND THE LAW**

- Industrial Relations- Genesis. Concept and Emerging Patterns.
 - Parties to Industrial Relations- Trade Union Management- the state and their interactions.
 - Trade Unions-Concept, Growth and Structure with special reference to India, U.K., U.S.A. and U.S.S.R.
 - Position of Trade Union in India-Multiplicity of Trade Unions, Recognition of Trade Union, Trade Union movements Central Trade Union. Organisations Role and functions, Role of Trade Union in Modern Industrial Society of India. Trade Union Rivalry and Unfair Labour Practices.
 - Collective Bargaining in India- Meaning Nature and the Scope.
 - Workers Participation in Management- Indian and Foreign experience.
 - Industrial Relation-Legislative and Judicial Perspectives.
- (a) India Trade Union Act. 1926
 - (b) Industrial Disputes Act. 1947
 - (c) Industrial Employment (Standing order) Act. 1946.

Leading Cases:

- (1) R.S. Ruikar v. Emperor A.I.R. 1935 Nag. 149.
- (2) Jay Engineering Work Ltd. v. State of West Bengal A.I.R. 1968 Cal. 406.
- (3) Rohtas Industries v. Its Union A.J.R. 1967 S.C. 425.
- (4) L.I.C. of India v. D.J. Bahadur (1981), I.L.L. J 1(SC)
- (5) Balmer Lawrie Workers Union Bombay v. Balmer Lawrie & Co. Ltd. 1984 I. L.L. J. 314. (S.C.)
- (6) R.A. Sharma & Others v. Union of India 1985 II L.L.J. 187(S.C.)

N.B.:- The students will be imparted teaching of latest case Law of the supreme Court and various High Courts alongwith the legislatives changes and amendments from time to time.

Books Recommended:

1. Laski H.: Trade Union in the New Society.
2. Myres C.: Industrial Relations in India.
3. Apslev V. Whitmore: Industrial Relations, Hand Book.
4. John T. Dulop: Industrial Relations System.
5. J. Henry Richardson: An Introduction of the Study of Industrial Relations.
6. V.V. Giri: Labour Problems in Indian Industry.
7. S.N. Dhyani: Trade Unions and Right to Strike.
8. O.P. Malhotra: Law of Industrial Disputes- Vol.I

9. Report of National Commission on Labour.
10. A.V. Raman Rao: Collective Bargaining v. Govt. Regulations.
11. G. Srivastava: Collective Bargaining v. Labour managements Relations in India.
12. C.P. Thakur: Industrial Democracy- Some Issues and Experiences.
13. Mamoria & Mamoria: Industrial Labour, Social Security and Industrial Peace in India.
14. S.N. Mishra: An Introduction to Labour and Industrial Law.
15. The Indian Labour Year Book.
16. S.N. Dhyani: Crisis in Indian Industrial Relations.
17. I.L.O.: Concilation and Arbitration in Industrial Disputes.
18. I.L.O.: Freedom of associations, USA, UK, USSR.
19. The Trade Unions Act. 1926.
20. Industrial employment (Standing Orders) Act. 1946.

PAPER-II LABOUR WELFARE LEGISLATIONS AND INDUSTRIAL SOCIOLOGY AND LABOUR WELFARE: CONCEPT AND PHILOSOPHY OF LABOUR WELFARE,

THEORIES OF LABOUR WELFARE ROLE OF LABOUR WELFARE OFFICERS ROLE OF TRADE UNIONS EMPLOYERS AND THE STATE IN LABOUR WELFARE LABOUR WELFARE AND ENVIRONMENT POLLUTION LABOUR WELFARE IN INDIA LEGISLATIVE AND JUDICIAL PERSPECTIVES

- (a) The Factories Act. 1948.
 - (b) Mines Act., 1952.
 - (c) Children Act. 1988.
 - (d) Contract Labour (Regulation and Abolition) Act., 1970.
 - (e) Inter-State Migrant workmen (Regulation of Employment and Conditions of Service) Act, 1979.
- Industrial Sociology: Meaning, Scope and Development, Industrialisation and Social Change and Social Problems of Industrial Relations.

Leading Cases:

- (1) Alembic Chemical Works v. Its workman, A.I.R. 1961, S.C. 647
- (2) V.P. Gopala Rao. v. Public Prosecutor A.P., A.I.R. 1970 S.C. 66.
- (3) Labour working in Salal Hydrel Project v. State of J.K, A.I.R. 1983 S.C. 177.
- (4) Rural Litigation and Entitlement Kendra Dehradun v. State of U.P., A.I.R. 1985 S.C. 652.
- (5) Workmen of F.C.I. v. F.C.I., A.I.R. 1985 S.C. 670.
- (6) Mukesh Advani V. State of M.P. 1985 Vol. XVIII A.I.R.S.C.R. 309 N.B. The students will be imparted teaching of latest case-law of the Supreme court and the High Courts alongwith the Legislative Changes and amendments from the time to time.

Books Recommended:

1. K.N. Vaid: Labour Welfare in India.
2. M.V. Moorty: Principles of Labour Welfare.
3. Government of India: Report of the Committee on Labour Welfare, 1970.
4. Govt. of India: Report of National Commission on Labour.
5. Indian Factories Act. 1948.

6. Indian Mines Act. 1952.
7. Employment of Children Act., 1988.
8. Contract Labour (Regulation & Abolition) Act. 1970.
9. Bonded Labour (Abolition) Act., 1976.
10. Equal Remuneration Act. 1976.
11. Inter-State Migrant Workmen (Regulation of Employment and Conditions of Service) Act., 1979.
12. Miller and From: Industrial Sociology
13. Eugene V. Schaeider: Industrial Sociology.
14. B. Kuppuswami: Social Changes in India
15. S.C. Kuchhal: Industrial Economy of India.
16. Mamoria and Mamoria: Industrial Labour, social Security and Industrial Peace in India.
17. S.N. Mishra: An Introduction to Labour and Industrial Laws.
18. The Indian Labour Year Book.

PAPER III- WAGES AND SOCIAL SECURITY LEGISLATION

- Genesis of Wages Regulation.
- Concepts of Minimum, Fair, Living and Needbased Wages. Methods of Wage fixation, Wages Differentials Working of Wage Boards. Standardization of Wages. Factors in Wage Determination. Dearness Allowance and Fringe Benefits, National Wage Policy-Protection of Wages.
- Development of the concept of Bonus, issues and Perspectives concepts of Profit-sharing
- Meaning of Social Security, Social-Assistance and Social Insurance, Social Security and Social Justice and Mian Characteristics of Social Security system
- Meaning and Concept of Gratuity and Provident Fund

Legislations:

- (a) Minimum Wages Act. 1948.
- (b) Payment of Wages Act., 1936.
- (c) Payment of Bonus Act. 1965.
- (d) Equal Remuneration Act., 1976.
- (e) Workmen Compensation Act. 1923.
- (f) Employees State Insurance Act. 1948.
- (g) Employee Provident Fund Act., 1952.
- (h) Maternity Benefit Act., 1961.
- (i) Payment of Gratuity Act., 1972.

Leading Cases:

- (1) Express Newspaper Ltd. & Other v. Union of India & others A.I.R. 1958 S.C. 578.
- (2) B.E.S.T. Undertaking Bombay v. Mrs. Agens A.I.R. 1964 S.C. 193.
- (3) Royal Talkies Hyderabad v. E.S.I. Corporation A.I.R. 1978 S.C. 19.
- (4) Air India v. Nargesh Mearza, A.I.R. 1981 S.C. 1830
- (5) D.S. Nakara v. Union of India A.I.R. 1983 S.C. 130.
- (6) Saya Mills Ltd. v. Regional P.F. Commissioner 985 I.L.L.J. 238 (S.C.)

N.B.:- The Students will be imparted teaching of latest case-Law of the Supreme Court of India and the various High Courts alongwith the Legislative

changes and amendments from time to time.

Books Recommended:

1. I.L.O. Approaches to Social Security
2. G.C. Hallen: Dynamics of Social Security in India.
3. K.N. Subramaniam: Wages in India.
4. S.B.L. Nigam: State Regulation of Minimum Wages.
5. I.L.O.: An Introduction to Social Security.
6. Workmen Compensation Act. 1923.
7. Payment of Wages Act. 1936.
8. Minimum Wages Act. 1948.
9. E.S. I. Act. 1948.
10. E.P.F. Act. 1952.
11. Maternity Benefit Act. 1961.
12. Payment of Bonus Act. 1965.
13. Payment of Gratuity Act. 1972.
14. Govt. of India: Report of National Commission on Labour.
15. V.V. Giri: Labour Problems in Indian Industry.
16. Mamoria and Mamoria: Industrial Labour, Social Security and Industrial Place in India.
17. S.N. Mishra: An Introduction to Labour and Industrial Laws.
18. The Indian Labour Year Books
19. G.L. Kothari: Wages, Dearness Allowance and Bonus.

**PAPER-IV-PERSONELMANAGEMENTAND
INDUSTRIAL PSYCHOLOGY**

N.B.:- The question paper shall be divided into two parts i.e. Part I and II. The paper shall contain eight questions from Part I and two questions from part II. The Students shall be required to attempt atleast one question from part-II.

Part I-PERSONNEL MANAGEMENT

- Concept of Personnel Management and Personnel Policies.
- Man Power Planning, Recruitment, Selection and Training, Induction, Job Placement including Worker's Education as envisaged by the Central Board of Worker's Education.
- Job Analysis and Evaluation and Performance Appraisal.
- Management of discipline, Domestic Enquiry and Grievance procedure.
- Role and Functions of Personnel Manager.
- Scientific and Technical Advances Visa-a-Vis Personnel management.

Part II-INDUSTRIAL PSYCHOLOGY

- Industrial Psychology- Nature, Scope and Functions.
- Motivation and Morale, Leadership, Styles and Dynamics.
- Psychology of Attitudes, Hawthorne Experiments and their relevance in India.
- Individual Behaviour in formal and Informal Groups, Interpersonal and Inter-group, relationship in organization and their Impact on Organization.

Leading Cases:-

- (1) North Brook Jute Co. Ltd. V. Their workmen A.I.R. 1960 SC

- (2) Monogram Mills Ltd. v. State of Gujarat 1976 II L.L.J. 174 (S.C.)
 - (3) Workmen of Williamson Magor & Co. Ltd. v. Williamson Magor & Co. Ltd. 1982. LLJ 83 (S.C.)
 - (4) State of Orissa v. Ram Prashad, 1985 II. L.L.J. 204 (S.C.)
 - (5) N.M. Rubber Co. Ltd. Madras v. I.S. Natrajan, 1985 II L.L.J. 364 (Madras H.C.)
 - (6) Union of India v. Fulsi Ram Patel, A.I.R. 1958 S.C. 1416
- N.B.:-** The Students will be imparted teachings of latest cass-Laws of the supreme Court of India and various high Court alongwith the legislative changes and amendments from time to time.

Books Recommended:

1. I.L.O.: International Labour Codes Vol. I & II.
2. S.N. Dhyani: I.L.O. and India: In Pursuit of Social Justice
3. G.A. Johnson: The I.L.O.
4. David Miller: Social Justice
5. Kamla Mathur & N.R. Seth: Tripartism in Labour Policy: Indian Labour Year Book.
6. S.K. Agarwal: K.M. Munshi Lectures on Public Interest Legislation in India.
7. Govt. of India: Report of National Commission on Labour
8. C.K. Johari: Indian Tripartite System.
9. S.R. Samant: Industrial Jurisprudence.
10. Indian Constitution: Relevant Portions.
11. Govt. of India: Tripartite Consultations.
12. R.G. Chaturvedi: Natural and Social Justice.
13. Mahesh Chandra: Industrial Jurisprudence.
14. Rideout: Principles of Labour Law.
15. N. Vaidyanathan: International Labour Standards.

PAPER V- LABOUR JURISPRUDENCE AND THE I.L.O.

- Concept and Growth of Labour Jurisprudence.
- Concept of Social Justice. Natural Justice and the Labour.
- Constitution of India, 1950, and the Labour
- Labour and Judicial Process and Public Interest Legislation.
- Tripartism: Voluntarism in Labour Relations and Code of Discipline in Industry.
- I.L.O.- Genesis, Aims and Objectives, Constitution.
- I.L.O.- Conventions and Recommendations: Procedure for ratification.
- I.L.O. Conventions and Recommendations and Problems in their Ratification
- I.L.O. & Regional Conferences
- International Labour Standards and Labour Legislations in India.
- I.L.O. Problems and Prospects.
- ILO and Human Rights in Indian Perspectives.

Leadings Cases:

- (1) Som Prakash v. Union of India A.I.R. 1981 S.C. 212.
- (2) Bandhua Mukti Morcha v. Union of India A.I.R. 1984 S.C. 802.
- (3) People's Union for Democratic Rights and others v. Union of India 1982 II L.L.J. 454 (S.C.)

- (4) National Textiles Workers Union v. Ram Krishna A.I.R. 1983 S.C. 759
- (5) Excel Wear v. Union of India 1978, L.C.J. 527(S.C.)
- (6) The Delhi Cloth & General Mills Ltd. v. Sambhunath Mukerjee. 1935 I.L.J. 36 (S.C.)

N.B.:- The students will be imparted teachings of latest case-laws of the Supreme Court of India and Various High Courts alongwith the Legislative changes.

and Amendment from time to time.

1. I.L.O. International labour Codes Vol. I & II
2. S.N. Dhyani: I.L.O. and India: In pursuit of Social Justice
3. G.A. Johnson: The I.L.O.
4. David Miller: Social Justice
5. Kamal Mathur and N.R. Seth: Tripartism in Labour Policy Indian Labour Year Book
6. S.K. Agrawal: K.N. Mushi Lectures on Public Interest Legislation in India.
7. Govt. of India: Report of National Commission on Labour.
8. C.K. Johri: Indian Tripartite System.
9. S.R. Samant: Industrial Jurisprudence.
10. Indian Constitution: Relevant Portions.
11. Govt. of India: Tripartite Consultations.
12. R.G. Chaturvedi: Natural and Social Justice
13. Mahesh Chandra: Industrial Jurisprudence.
14. Ridout: Principles of Labour Law.
15. N. Vaidyanathan: International Labour Standards.

PAPER VI- LABOUR ECONOMICS AND LABOUR STATISTICS AND ORGANIZED AND UN-ORGANIZED LABOUR ORGANISATIONS.

- Labour Force in Organized and Unorganized Sectors-Sources, Composition, Characteristics etc.
- Employment, Un-employment and Under-employment- conceptual and Development Aspects.
- Labour Turn over and Absenteeism
- Unemployment Guarantee Scheme
- Unorganized Labour- Magnitude- Problems and Public Policy on Unorganized Labour.
- Integrated Rural Development Programmes and Labour
- Labour in Five-Year Plans- A Brief Study.
- Industrial Policy Resolutions and Development in Private and Public Sector.
- Industrial development- Heavy, Large, Small-scale.
- Cottage Industry- Location, Finance, Planning and Problems.

Labour Statistics:

- (a) Meaning, Objects and Structure. (b) Growth of Labour Statistics in India.
- (c) Indian Labour Statistics Act. 1953.
- (d) Labour Statistics relating to Disputes, Wages, Strikes.
- (e) Lock-Outs, Man days, Labour Safety, Health and Welfare Cost of Living etc.

Books Recommended:

1. A.N. Agrawala: Indian Economy- Problems of Development & Planning.
2. Rudra Dutt & Sundrum: Indian Economy.

3. S.C. Kuchhal: The Industrial Economy of India.
4. D.P. Sharma and Desai: The Rural Economy of India.
5. A.R. Desai: The Rural Sociology of India.
6. L.G. Reynolds: Labour Economics.
7. R. Mukerjee: Labour Planning.
8. B.N. Datar: Labour Economics.
9. J.N. Mongia: Readings in Indian Labour.
10. Government of India: Report of National Commission of Labour.
11. J.L. Dholakia: Industrial Labour and Economic Development in India.
12. D.N. Elhance: Economic Statistics of India since Independence (First Three chapters of Part I and Chapter 15 of Part IV) or Relevant Portion.
13. B.N. Asthana: Applied Statistics of India.
14. S.S. Srivastava: (Chapter 5 and 6) or Relevant Portion.
15. Mamoria & Mamoria: Industrial Labour, Social Security and Industrial Peace of India.
16. I.L.O. Structure and Functions of Rural Worker's Organisation.

ONE YEAR DIPLOMA COURSE IN CRIMINOLOGY AND CRIMINAL ADMINISTRATION SCHEME OF EXAMINATION

21C. For the Diploma Course in Criminology and Criminal Administration candidates must obtain for a pass at least 40% marks in the individual paper and 48% in the aggregate. Of the successful candidate those securing 60% or more marks in the aggregate shall be Placed in First Division and the rest in Second Division.

PAPER I- GENERAL PRINCIPLES OF CRIMINAL LAW

General Principles of Criminal Law under the Indian Penal Code (excluding specific offences) and the Fundamental basis of statutory offences under the Prevention of Food Adulteration Act. Arms Act. Suppression of Immoral Traffic Act. and Prevention of Corruption Act.

PAPER II- CRIMINOLOGY:

1. Meaning and Scope of Criminology. 2. Schools of Criminology.
3. Contribution of Sutherland. 4. Juvenile Delinquency.
5. Recidivism. 6. Causes of Crime.
7. Social Forces and Crime.
8. Recent Trends in Crime including the problems of organised crime. Blackmarketing, corporate crimes, hidden-crimes, effects of crime.
9. Types of criminals.
10. Study of Criminal Behaviour of Some tribes in India.

PAPER III- PENOLOGY:

1. Origin and evolution of Punishment
2. Forms of punishment with special reference of capital punishment.
3. Penal institutions, Prison system and its reforms in India with special reference to recent experiments.
4. Correctional Institutions: Work houses and houses of correction Juvenile training school/Men's and women's reformatories: Borstal Institutions in India.
5. Parole & Indeterminate sentence.
6. Pardon.

Books Recommended on Criminology and Penology:

1. Sutherland: Principles of Criminology (Latest Edition)
2. Garofolo: Criminology Part I, II and III (Latest Edition)
3. Gillin: Criminology and Penology Part I to Part V (Latest Edition)
4. Taft: Criminology (Latest Edition) Part-I Ch. 3 Part-II Except Ch. 6 Part III & IV.
5. Pillai: Principles of Criminology lectures 2,3,4,5,6,9,11 and 12.
6. Cavan: Criminology Part I- Omitting Ch. 2 Part II- full.
7. Lombroso Cesare: Crime, its Cause and Remedies.
8. Different Reports: Published by Governments of India from time to time.
9. Radzinowicz and Turner- Moral Approaches to Criminal Law.
10. Barnes and Tettters- new Horizons in Criminology.
11. Pioneers in Criminology Edited by Mannbein.
12. Bonger- Criminology.
13. P.K. Sen- From Punishment to Prevention.
14. P.K. Sen- Penology- Old and New
15. Oppenheimer- Rationale of Punishment.
16. Crime, Courts and Probation.
17. Siddique M- Criminology

PAPER IV- FORENSIC SCIENCE AND CRIMINAL INVESTIGATION

1. **The Role of Forensic Science in Criminal and Civil Cases:**
The basic questions in investigation- Qui Boni; the scene of crime: discovery of traces of physical evidence, classification and reference to classified record; systematization and classification of physical evidence and comparison with suspected material; the principles of exchange; the principles of heredity, Taxonomy etc.
- II- **The Establishment of Identity of Individuals.**
Branding, tattooing, Mutilating, Scars and Moles, Bantillon System: photography: fingerprints: ridge characteristics: Proscopy.
- III- **The Establishment of Partial Identity of Individuals: Footprints: Hair, skin: blood grouping: physical peculiarities.**
- IV- **The Establishment of the Identity of Physical Objects by Shape and Size**
Identifying marks and impressions made by the physical objects: shoe prints tyre and trade markers: die and tool marks rupture of fracture marks.
- V- **The Establishment of the Identity of Physical Objects by Physical and Chemical Analysis Prints: Coloured Objects: Metals Alloys: Chain & the Earthen Wares: Cements: Plaster Bricks Dust: Soil: Minerals: Plastics.**
- VI- **Questioned documents and the Identification of Handwritings: Paper, its types and identification: links: pencils and writings tools, identity: samples: various type of forgery and their detection: Additions, Erasures: Alterations: Scales, Rubber Stamps: Type Writing: Printings Blocks.**
- VII- **The Identification of Fire-Arms and Cartridges and Related Problems**
Types of Fire-arms and their use; time and range of firing: Identification of a fire-arm with a cartridges case and bullet; miscellaneous fire-arm, problems like origin or direction of fire
- VIII- **Injuries to Persons: Evidentiary value of details of injuries, traces left by the weapon used; its range and direction; danger to clothing worn by the victim and related problems; the flow of blood from injuries; the shape and directions of blood drops and their evidentiary value the discovery of blood and semen stains on various objects; accidental, deaths and suicides.**

- IX- Miscellaneous Forensic Science Methods: Restoration of numbers; examination of the walking picture of foot prints; clothing; copper wire, piece of wood etc.
- X- Evidentiary value of Physical Evidences by a Forensic Science Laboratory viz. Evidence: Fallibility of eye witnesses. The probative value of such evidence. Findings of scientific methods of investigation: their probative value. Assessment of value from actual cases. Value to be assigned to the different types of exhibits.

PAPER-V FORENSIC MEDICINE AND TOXICOLOGY

1. **INJURIES: (HURT)**
 - (a) Definition in law (Sec. 319, 320 I.P.C.) Grievous Injury.
 - (b) Classification
 - (c) Cardinal fractures of different types of injuries. (d) Age of injuries.
2. **BURNS AND SCARS**
 - (a) Classification of burns (Depurants) (b) Causes of death after burns.
 - (c) Simple and grievous burns
 - (d) Area of the body surface in burns and its relationships.
 - (e) Ante-mortem and post-mortem burns.
3. **ASPHYXIA AND DROWNING**
 - (a) Cause of asphyxia, post-mortem appearances.
 - (b) Various types of violent asphyxial deaths like hanging strangulation, throttling, traumatic asphyxia, and the post-mortem appearances commonly scene in these conditions.
 - (c) Drowning- Cardinal post-mortem signs.
 - (i) Cadaveric spasm of hands. (ii) Signs in the air passages.
 - (iii) Stomach contents. (iv) Signs in the lungs.
 - (v) Demonstration of diatoms in the viscera.
4. **SEXUAL OFFENCE:**
 - (a) Rape:
 - (i) Definition (Sec. 375 I.P.C.) (ii) Examination of victim- Anatomy of hymen.
 - (iii) Positive signs of rape. (iv) Examination of the accused.
 - (v) Medico-legal aspects.
 - (b) Sodomy:
 - (i) Examination of the victim. (ii) Signs in the habitual passive agent.
 - (iii) Examination of the accused.
5. **AUTOPSY:**
 - (a) Procedure- Aims & Objects- Difficulties. (b) Problems:
 - (i) Time since death- Description of post-mortem changes. Estimation of time since death from rigorous post-mortem staining, putrefaction, adipocere formation nummification changes in the eyes, skin, primary and secondary relaxation. In drowning cases from floatation of the body. In dead bodies after burial. From, the degree of digestion of stomach contents. From the change in the cerebro spinal fluid and the narrow cells of the sternum.
 - (ii) Cause and manner of a death. (iii) Ante mortem or post-mortem in
 - (iv) Examination of human remains, skeletal and mutilated remains. Establishment of age, Sex and Stature for the purpose of identity. (c) Infanticide: Definition dead born, still-born viable foetus, criteria for

separate existence.

(d) Exhumation: Rules and Procedure

6. **EXAMINATION OF BLOOD STAINS**

Physical, Chemical & Serological Blood grouping its basic principles

7. **INSANITY: Definition (See 84 IPC)**

Modern Concept-classification- Legal test of insanity. Observation of an alleged lunatic- Restraint of the insane. Civil and criminal responsibility of a lunatic. Testamentary capacity, Reception order on petition.

8. **POISONS: Classification of poisons. Diagnosis of poisoning. Examination of poisoning case. Brief Toxicology of the following common poisons, Opium, Dhatura barbivates. Cannabis Indica. Arsenic, Copper Sulphate, Lead, Strychnine, Cocaine, Alcohol. Organo Phosphorus Compounds. Carbonmonoxide, Hytiocyanci Acid, Pot Cymde, Phosphorus, Snake bite**

9. **INTOXICATION: Definition (See 85 & I.P.c.) regarding alcoholic intoxication. Alcohol, ganja, bhang, dhatura, opium, morphine.**

BOOKS RECOMMENDED FOR PAPER IV AND V.

1. Modern Criminal Investigation: Harry Soderman and John J.O. Concell (Published by Funk & Wagnalls Co. Inc. New York).
2. Criminal Investigation: Cr. A and cross. (Published by Sweet & Maxwell Limited London.)
4. Police Act. (Act. V of 1861).
5. Rajasthan Habitual Offender Act.
6. Rajasthan Police Regulation (for Reference Purpose only).
7. Downen, T.A.: Text Book of Forensic Pharmacy.
8. Gour, A.N. Fire Arms, Forensic Ballistics. Forensic Chemistry and Criminal Jurisprudence.
9. Lucas A: Forensic Chemistry and Scientific Criminal Investigation.
10. Lundquist F: Methods of Forensic Science (Vol.I).
11. Moreland N.: Science in Crime detection illustrated.
12. Swipson F.: Forensic Medicine.
13. Modi, J.P.: Medical Jurisprudence and toxicology.

PAPER VI- ELEMENTS OF CRIMINAL PROCEDURE AND PROOF IN CRIMINAL TRIALS

Cr. P.C.: General including classification of Criminal cases- Summary- Warrant-bailable- Non Bailable, Cognisable, Non-Cognisable, Constitution and Jurisdiction of Courts: Complaint & F.I.R. case: Investigation Procedure: Framing of Charges: Trial Procedure; Security for keeping Peace.

INDIAN EVIDENCE ACT

(i) Burden of Proof	-	101-106
(ii) Confession	-	24-30
(iii) Presumption	-	114
(iv) Accomplice	-	133
(v) Relevancy	-	5,11,14,15
(vi) Expert Witnesses	-	45,46,51
(vii) Examination in chief & cross Examination & Re Examination	-	137,138