

Syllabus for promotion to Group- B posts - 70% selection and 30% LDCE.

Syllabus for Establishment Rules:

1. Organization of the Personnel Department in Railways objectives functions and policies of Personnel Department.
2. Recruitment and Training, Classification of Services, Recruitment in Different services, Railway Recruitment Boards & Railway Recruitment Cells Compassionate Ground Appointments, Initial & In Service Training, Refresher Courses, Central Training Institutes, Training Centers in Zones, Divisions & Workshops, Training Modules for different posts, Training under Apprentices Act, Online Training, APARs.
3. General conditions of service in Railways, Seniority, Lien, Inter Railway & Inter Division transfers, Deputation, Promotion Policy & methods. Selection, Suitability, Trade Tests, Leave Rules, Pass Rules, Joining Time Reservation policy, HOER, Overtime, Payment of wages, current CPC Pay Rules, Advances in Railways.
4. Manpower planning, Rightsizing & Benchmarking, creation, extension and surrender of posts, creation of posts against new assets, different types of posts including workcharged posts.
5. The Railway Servants (Discipline & Appeal) Rules, 1968 and related instructions.
6. The Railway Services (Conduct) Rules, 1966 and related instructions.
7. Retirement benefits, qualifying service, pension, family pension, commutation gratuity, new pension scheme.
8. Staff welfare, SBF, Railway institutes, Railway schools, Ex-gratia payment, Incentive Bouns Scheme, Staff Grievances Redressal Mechanisms.
9. Industrial relations in Railways, recognized trade unions, industrial disputes. The Industrial Disputes Act, 1947. The Industrial Relations Code, 2020. The Trade Unions Act, 1926, PNM, PREM, JCM, Various Associations & Informal Meetings.
10. The Factories Act, 1948. The workmen's Compensation Act, 1923. Functions of Labour Enforcement Officers, Right to Information Act.
11. The scope of Information Technology in Railway e – office. HRMS, IPAS , LIMBS, ARPAN, CPGRAMS, ANUBHAV etc.

Syllabus for Financial Rules:

1. Parliamentary Control over Railway Finance, Public Accountability, Canons of Financial Propriety.
2. Railway Budget - Budgetary terms, Types of Budgets, Budget cycle, Demand of Grants, Budgetary and Financial Reviews.
3. Rules of Allocation - Classification of expenditure - Control of expenditure - Responsibility Accounting - Performance Budgeting - Exchequer Control - Financial Results of Working lines.
4. Works Programme - Financial justification of Works - Surveys - Preparation of Estimates - Capital Budget - Control over Capital Expenditure - Reappropriation of Funds.
5. Financial control over Stores Expenditure - Purchase and Stores Keeping Procedure - Inventory Control and ABC Analysis.
6. Financial & Cost Control in Railway Workshops/Sheds/Units.
7. Rules and procedure relating to Tenders and contracts for execution of works and Procurement of Stores, M&P Programme and RSP.
8. Procedure for Possessing and finalizing Audit Objections and Draft Paras.
9. Delegation of Powers.
10. Losses, Frauds and Embezzlements.
11. General Financial Rules
12. Government e-Market (GeM)
13. Classification of Railway Revenue (Earnings)
14. Information Technology in general with specific reference to Railway's IT Applications
15. Taxation matters with special focus on GST & Income Tax
16. Organization of CGA and C&AG
17. Any other topic felt necessary from time to time

SYLLABUS FOR 70% SELECTION FOR PROMOTION TO GROUP 'B' POST OF AMM/ADMM IN STORES DEPARTMENT

Part-A

Professional Subject

- 1 Organization of Stores Dept. on Zonal Railway & Production Units.
- 2 Objectives of Stores Dept. in brief.
- 3 Functions of the Principal Chief Material Manager (PCMM) & other officers assisting him.
- 4 Canons of Financial Propriety & its application to Stores Matters.
- 5 Delegation of Powers:
 - i) Its need & necessary safeguards
 - ii) Powers of PCMM & other officers for:
 - (a) Purchase, (b) Sale, (c) Write off, (d) Other misc. matters
- 6 Purchase of stores:
 - i) Important Stages in purchase cycle
 - ii) Purchase Policy & Rules of IR and GFR Provisions
 - iii) Channels & Procedures of purchase of indigenous stores
 - iv) Modes of tendering [including PAC purchase] & their limitations
 - v) Tender consideration;
 - a) Price determination (Reasonability/Workability)
 - b) Negotiations, Cartel Formation & related instructions
 - c) Concept & constitution of Tender Committee
 - vi) Purchase of M&P/RSP items including CMC
 - vii) Emergency Purchases
 - viii) Basics of iMMS & e-Procurement
 - ix) Procedures/Manuals related to iMMS and IREPS
 - x) Procurement through GeM
 - xi) Reverse auction
 - xii) Price variation clause and its operation
 - xiii) Buy back system of purchase
 - xiv) Green procurement
 - xv) Composite contracts and strategic procurement
- 7 Purchase through Centralized agencies like:
Railway Board, BLW, CLW, etc.
- 8 Procedure of purchase from other Govt. Dept. in brief
- 9 Govt. Policy of Preference:

- a) Purchase/Price Preference
 - i) Micro & Small Enterprises
 - ii) Items reserved for procurement from MSEs
- b) Purchase Preference as per Make in India Policy
- c) Special benefits available to MSEs

10 Supply Contracts:

- i) Important provisions of Indian Contract Act, Sale of Goods Act and GST Act
- ii) IRS Conditions of Contract, General Conditions of Contract
- iii) Force Majeure Clause
- iv) Preparation of bid documents, special conditions, price variation and eligibility criterion etc for
 - a) Rate/Running & Fixed quantity/Long term contracts
 - b) Service Contract
 - c) Annual maintenance Contract
 - d) EPC Contract
- v) Online submission of EMD & SD
- vi) PO Draft/Numbering Scheme & vetting considerations
- vii) Contract Management
 - (1) Extension of DD/Modification of PO
 - (2) Penalties for breach of contracts (LD, GD, RP)
- viii) Settlement of Disputes
 - a) Arbitration Clause in IRS Conditions
 - b) Arbitration & Conciliation Act 1996 including Amendment Act, 2019
 - c) Dispute resolution between two Govt. Deptt. Or (CPSU)

11 Import of Material:

- i) Direct import by Zonal Railways/Production Units
- ii) Import through Railway Board
- iii) Types of Import Contracts: FOB, CFR, CIF & DDP etc.
- iv) Modes of Payment, Letter of Credit & its types
- v) Sea & Air freighting of Railway Materials & Insurance Covers
- vi) Port clearance of imported consignments
- vii) Claims settlement
- viii) INCOTERMS (latest edition)

12 Strategic Sourcing (Rational Source Selection):

- a) Registration of firms on Railways and IREPS
- b) Vendor performance evaluation; Vendor rating; Penal Action against vendors; Alternatives available with Railways, PUs
- c) Registration by RDSO
- d) Supply chain concept — relevance to Railways especially PUs

13 Important Statistics on Stores matters:

- a) Submitted to Railway Board, periodically
- b) Included in Railway Board's annual report & GM's Narrative Report

c) Yardsticks to measure efficiency of Stores Dept.

14 Stores Budget:

- a) Compilation & various review/amendments to the budget during the financial year
- b) Controls to adhere to the budget provisions, Exchequer control
- c) Control over stores expenditure to minimize working expenses
- d) Purchase Grant
- e) Zero Base Budgeting (ZBB)

15 ISO Certification/ 5S Certification/ 6 Sigma Certification:

Procedure for obtaining the certification & subsequent compliance for continuation of the same:

- a) For Purchase Office,
- b) For stores depot

16 Paperless Working:

- a) e-Office
- b) Digitally signed electronic reports in iMMS and IREPS

17 Online acceptance of tenders:

Technical Scrutiny, Tender Committee Minutes preparation & Tender acceptance/Direct acceptance, Letter of Acceptance generation and auto-generation of Purchase order

18 Procedure for keeping/retention/destruction of official records

19 Stores Depots:

- a) Location
- b) Functions
- c) Typical Layout of a stores depot

20 Design Aspects of a Typical Stores Depot/Warehouse:

- a) Important parameters to be considered for design
- b) Space Management
 - i) Buildings, Yards, Roads
 - ii) Various types of storage arrangements
- c) Materials Handling:
 - i) Equipments
 - ii) Unit piling, container/pallet systems
 - iii) Vertical storage system
- d) Important Fire Safety aspects & Latest fire fighting Techniques
- e) Security Arrangements to prevent & action called for by the Depot Officer in case of incidence of the following:
 - i) Theft
 - ii) Pilferage
 - iii) Misappropriation

- iv) Provision of CCTV in Stores Depots/Divisional Depots
 - f) Procedure for locking & sealing of wards/go-downs in a depot and depositing/collecting the keys
 - g) Gate Pass
- 21 Depot Organization:
 - a) Functions/Responsibilities of Depot Officer & Subordinate Staff
 - b) Various sections of stores depot, its functions & working procedures
- 22 Receipt & Accountal of materials:
 - a) Procedure for receipt & accountal, in a depot
 - b) Consequent clearance of purchase suspense
 - c) Accounts checks on suppliers' bills
 - d) Purchase Suspense/Sales Suspense
- 23 Inspection of Stores:
 - a) Inspection Techniques
 - b) Various Agencies for Inspection of Railway Materials
 - c) Acceptance of material against WTC
 - d) Inspection at firm's premises & Inspection at Depot
 - e) Rejection of pre-inspected materials and procedure for joint inspection
 - f) Disposal of rejected materials
 - g) Warranty Claim Procedure
- 24 Sampling for Inspection:
 - a) Sampling Methods
 - b) Indian Standards relating to Sampling
- 25 Testing Methods of common materials used by Railways like Steel, Rubber, PVC Items, Rexin, Oils, Paints, Non-ferrous items
- 26 Receipt & Issue of Stores on iMMS:
 - a) FIFO Method of Receipt and Issue
 - b) Procedure of issue of materials from stores depot to consumers other than attached workshops & debiting the indentors for stores issued
- 27 Properties & Preservation of stores such as: Rubber Items, chemicals, electrodes, timber, explosive/inflammable items, etc.
- 28 Imprest Stores:
 - a) Procedure for issue and supply of Imprest Stores
 - b) Road contract and its Management
- 29 Returned Stores through iMMS:
 - a) Its receipt & accountal in the depot
 - b) Valuation of returned stores
 - c) Monthly Credit Summaries

30 Sale of Railway Materials:

- a) SAG Committee Recommendations
- b) Survey Committee & its functions for various categories of stores
- c) Procedure for condemnation of an asset (M&P items including Motor Vehicle)
- d) Procedure for sale by tender
- e) Procedure for disposal of scrap by e-auction
- f) General & Special conditions of sale
- g) On-line payment of BSV
- h) On-line payment of EMD
- i) Payment Gateway

31 Purchase by Depot/Divisional Officers:

- a) Purchase Powers- Local & Cash Purchases
- b) Digital recoupment of cash imprest

32 Important Components & its usages:

In carriages, wagons, diesel loco, electric loco, Metro coaches, TRD & DMU/EMUs

33 Dispatch of Railway Materials:

- a) By Rail, Road
- b) By Sea & Air
- c) Safeguards against loss/damage in transit
- d) Settlement of claims with carriers

34 Inter-depot transfers & Clearance of SINT suspense

35 Stock Verification:

- a) By Accounts
- b) Departmental
- c) Disposal of Stock Sheets

36 Classification of Heads of Accounting & Various Suspense Heads relating to Stores

37 Codification:

- i) Stores nomenclature & price lists (Unified & Non-unified)
- ii) Unified Vendor Code
- iii) Consignee Code
- iv) Advantages of codification

38 Standardization & Variety reduction

39 Provisioning & Recoupment of Stores:

- a) Maxima Minima Method
- b) Annual Review Method
- c) Main Depot-Sub depot arrangement
- d) Economic Order Quantity (EOQ)

- e) Lead time & Safety/Buffer Stock
- f) Computerized forecast of demand/consumption for stock-recoupment
(Generation of Estimate Sheet)
- g) Various forecasting statistical techniques

40 Inventory Management:

- a) Types of inventories
- b) Various Inventory models:
 - i) The Basic (EOQ) Model: Constant Demand & Lead Time
 - ii) Variable Demand but constant Lead Time
 - iii) JIT Inventory Model
- c) Computer as an aid to inventory control & inventory management
- d) Inventory reports in iMMS & its use for inventory control
- e) Selective Control Techniques:
 - i) ABC, VED, FSN & XYZ analysis for inventory control & improvement in service levels
 - ii) Related multi-criteria matrix
- f) Inventory performance indices on IR
- g) Over stock, Inactive & Surplus Stores
 - i) Definitions
 - ii) Reasons for accrual & its disposal
 - iii) Steps for prevention

41 Computerized Price Ledgers:

- a. Preparation of Price Ledgers: Role of Stores Depot
- b. Book Average Rates
- c. Debiting the indentors for cost of materials issued & preparation of Debit Summaries

42 Audit:

Narrative Reports, Special Letters, Factual Statements, Draft Paras & its disposal.

43 Accounts:

Accounts Objections, Special Reports, Stock Sheets, Inspection Reports Pt I & II.

44 M&P, RSP and Works Program

45 Features of MS-Word, Excel, PPT

46 Exception Reports and Action Documents generated on iMMS.

47 Computerisation of User Depot and Integration with iMMS/IREPS (User Depot Module)

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