

EAST CENTRAL RAILWAY

Office of the
General Manager (P)
Hajipur
Dated 16.08.2016

No. ECR/HRD/GAZ/254/AOM/ATM(Gr.B)/30%/2014

Secy. to GM- for kind information of GM,
PS-I to AGM – for kind information of AGM
General Manager (P) CORE/Allahabad,
CAO/Con/South/MHX & CAO/Con./North/MHX
COM/ECR/HJP,CCM/ECR/HJP,CSO/ECR/HJP,SDGM/ECR/HJP
DRM/ECR-DNR, MGS, DHN, SEE & SPJ
Sr. DOMs/DOMs/ECR-DNR, MGS, DHN, SEE & SPJ
CAM/DHN,CWM/PD/ECR/MGS ,WS/SPJ & CRW/HRT
Sr.DPO/ECR/ DNR, MGS, DHN, SEE & SPJ.
Dy.CPO/HRD/ECR/HJP,Dy. CPO/Con/MHX,
Additional Registrar, RCT/Patna,CPM/RE/HJP
Principal/ZRTI/E.C.Rly/Bhuli&MFP
APC(MPP)/ECR/HJP- for uploading on NET.
All Extra Divisional Units.
General Secretary/ECRKU

as per
A- uploaded
17/8/16

**Sub:- Limited Departmental Competitive Examination (LDCE) for
the post of AOM(Group-'B') in Pay Band Rs. 9300-34800/-
(PB-2) Grade Pay Rs.4800/- against 30% quota.**

It has been decided with the approval of the competent authority to hold LDCE for forming a panel against 02 vacancies (UR- 01, SC- 01 & ST- NIL) for the post of AOM(Group-'B') against 30% quota over E.C. Railway. The details are given below:-

(1) TENTATIVE PROGRAMME OF WRITTEN EXAMINATION & VIVA-VOCE

- | | | | |
|-----|--------------------------------------|----|--|
| (A) | Date and Time of written examination | :- | 1 st Paper - 17.12.2016
2 nd Paper – 18.12.2016 |
| (B) | Venue | :- | To be notified later. |
| (C) | Duration | :- | 03 hours of each paper. |
| (D) | Viva-Voce | :- | Separate advice will be issued. |

(2) ELIGIBILITY:-

(A) All non ministerial Group'C' staff of Operating Department in Pay Band Rs.9300-34800/- (PB-2) with Grade pay Rs. 4200/- & above and all running staff of Operating Department in Pay Band Rs. 5200-20200/- (PB-1) with Grade pay Rs. 2800/- equivalent to the stationary post in Pay Band Rs. 9300-34800/- (PB-2) with Grade pay Rs. 4200/- & above including those working in other Railways/Units on deputation having lien and seniority on East Central Railway, **completed minimum 5 years non-fortuitous service** in the grade/grades as on 01.11.2013 are eligible to apply for the above mentioned LDCE for selection to the post of AOM(Group-'B').

The cut-off date of eligibility for candidates for 30% LDCE is 01.11.2013, which is same as the earlier part selection of 70% quota for the post of AOM(Group-'B').

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- (A.1) As per Railway Board's letter No. E(GP)2005/2/74 dated 13.03.2008(RBE 40/2008), in case of persons transferred at his own request to a new unit in the same category of posts, and assigned bottom seniority therein, the service rendered by them in the previous unit may be reckoned for determining their eligibility wherever a minimum length of service is prescribed as a condition, for promotion in the new unit, subject to the condition that the length of service which is so allowed to be counted does not exceed the length of service of their immediate senior in the new unit.
- (3) Eligible staff working in the construction/Project Organization, on deputation/on Training and or any ex-cadre organization desire to volunteer for the above LDCE may also submit their application through their respective Personnel Officer, where they hold lien. The concerned division/Unit further may transmit such notice to the staff who are on deputation after release from their division/Units.
- (4) Eligible staff who desire to volunteer for, the above LDCE may submit their application through proper channel to their respective Personnel Officer where they hold lien.
- (5) All the volunteers who fulfill the above mentioned conditions of eligibility will get the chance to appear in the said LDCE, without any restrictions to the number of eligible candidates will be allowed for appearing in the examination.
- (6) The above selection will be based on the candidate's performance in written examination, viva-voce test and Records of service. Only the candidates, who qualify in the written examination, and found medically fit for Safety Category post of AOM(Gr.'B') as prescribed in Indian Railway Medical Manual will only be called for Viva-voce test. The placement of the candidates in the panel will be based on their performance in Written Exam./Viva-voce Test/Record of Service as per extant instructions of Railway Board.
- (7) The written examination will consist of TWO PAPERS on the subject, total marks & qualifying marks are as indicated below:-

SUBJECT MAXIMUM MARKS QUALIFYING MARKS Duration of Exam.

PAPER-I

Professional	150*	90	03 Hours.
Subject, General Knowledge & on Rajbhasha.			

(10% Marks of professional marks should be on Rajbhasha, official language policy & rules which will not be compulsory.)

PAPER-II

Professional	150*	90	03 Hours.
Subject, Establishment & Financial Rules.			

[* Out of 150 marks, the professional subject will carry 100 marks.]

The Total Marks & Qualifying marks in Viva-Voce test is indicated below:-

(8)	Head	Maximum Marks	Minimum-Qualifying marks
	Record of service -	25	→ 30, in which 15 marks of 'Record of Service' will be essential.
	Viva-voce Test -	25	

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- (9) The question paper will be bi-lingual, i.e. both in Hindi and English. It will be candidate's choice to write in any one of these languages. The candidate should clearly indicate his choice of language in the space of the application format.
- (10) The question paper for the written test should have a practical basis i.e. it should be designed to test the ability of candidates to tackle the practical problems they are likely to face rather than their theoretical knowledge. Syllabus for the LDCE is enclosed as Annexure-B.
- (11) The **controlling Officers** should give wide publicity of this notification amongst the eligible staff under their control and ensure submission of applications given by the candidates in the prescribed Proforma (Specimen Copy enclosed as Annexure-A) within the stipulated time. **The last date for submission of the application by candidates duly countersigned by their controlling officer is 26.09.2016.**

The filled up applications should be scrutinized properly by associated Personnel Branch and verified with the Service Record to avoid any factual errors and further complications. The applications should also be signed by the **Controlling Officer with Official seal** and should have the counter signature of the concerned **Personnel Officer**.

All the applications received by the Controlling Officer/Personnel Officer should be sent in a bunch so as to reach to **Dy.CPO/Gaz./ECR/HJP**, on or before **07.10.2016** positively. **Applications forwarded after the target date will not be entertained under any circumstances.** It may please be noted that application other than, in prescribed Proforma, having incomplete information or without signed by controlling officer and countersigned by Personnel Officer will not be entertained.

- (12) In case, service particulars furnished by the volunteers & certified to be in order by the concerned authority are found incorrect/false subsequently, the candidature of the volunteers will be liable to be cancelled at any stage of above LDCE and suitable departmental action will be initiated against him/her.
- (13) **TRAINING OF SC/ST CANDIDATES:**

It may be noted that before conducting written examination, mandatory Pre-selection coaching classes of 3-4 weeks (21 working days) for SC/ST eligible candidates in terms of Railway Board's letter No. E(MPP)96/3/23 dated 21.07.2000, will be arranged by the department concerned. COM will nominate the in-charge of Pre-Selection Coaching. The In-charge of Pre selection coaching will also intimate the date and venue of the pre-selection coaching in due course.

If any SC/ST candidate refuses to undergo pre selection coaching, a written undertaking should be obtained from him. The controlling officers should ensure that the SC/ST candidates under their control are spared without fail in time to participate in the coaching. The SC/ST candidates are also advised to insist their controlling officers, in their own interest, to spare them for the said coaching.

- (13.1) **Duty of the in-charge of Pre-Selection Coaching (To be nominated by COM):-**
- To inform in writing through special messenger to the concerned SC/ST employee with details of date, time & venue of Pre-selection coaching.
 - To obtain in writing unwillingness to appear in the coaching, (if any) from the concerned SC/ST employees, who will not willing to appear in Pre-selection coaching.
 - To arrange sparing of the candidates by liasoning with the respective controlling officer/Supervisor.

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- iv) To chalk out the Pre-selection coaching schedule and adhere to.
- v) To ensure maintenance of daily attendance sheet of SC/ST coaching candidates.
- vi) After completion of coaching, the in-charge of the pre-selection coaching will give a written report along with all supporting papers including attendance sheet of SC/ST participants to Dy.CPO/Gaz/HJP latest by 09.12.2016 for records and further action.

(13.2) **Duty of Controlling Officer:-**

To spare the candidates under their control without fail in time with the direction to participate in the Pre-selection coaching.

(13.3) **Duty of concerned SC/ST applicant:-**

- i) To manage their sparing from duty by insisting their controlling officers in their own interest.
 - ii) If any problem occurs in sparing, the candidate should report in writing to concerned In-charge of Pre-Selection coaching on the same date. No representation will be entertained in case of failure to report to the concerned In-charge of pre-selection coaching and it will be deemed to be refusal for the same.
 - iii) Failure of concerned SC/ST employees to avail pre-selection coaching on any account including leave etc. will be considered on their part and will not entitle them to additional coaching classes.
 - iv) No appeal will be entertained by GM(P)/ECR after completion of pre-selection coaching.
- (14) The eligible staff should also be advised that no supplementary written examination will be held for the absentees under any circumstances. **As per rule, there is no provision of absentee exam in LDCE.**
- (15) The controlling/authorized officer should ensure to issue of individual sparing letter/identity slip duly attesting specimen signature of the candidate on the sparing letter/identity slip. The candidates without proper sparing letter/identity slip will not be allowed to appear in the examination.
- (16) The above consolidated selection will be held as per procedure laid down in Master Circular 68 governing promotion from Gr. 'C' to Gr. 'B' issued by Railway Board and the instructions issued time to time. The said Master Circular is available on website www.indianrailways.gov.in...>ministry of railway...>railway board> Directorate... >Establishment...>E(GP) Master Circular. The department/division/unit should ensure the compliance of instructions of item 15 of Master Circular 68.

Please acknowledge receipt.

Hindi Version will follow.

DA :- i) Annexure 'A' (One page)

ii) Annexure 'B' (Four page)


(Dilip Paswan)

Assistant Personnel Officer/Gaz
For General Manager (P)

Annexure 'A'

PROFORMA OF APPLICATION TO BE FILLED UP BY THE VOLUNTEER FOR LDCE FOR THE POST OF AOM/GROUP 'B' AGAINST 30% QUOTA ATTACHED WITH THIS OFFICE NOTIFICATION NO. ECR/HRD/GAZ/254/AOM/ATM/Gr.'B'/30%/2014 DT 16/08/2016. ALL DETAILS SHOULD BE FILLED CLEARLY.

1. Name in Full (Block Letters) :-
2. Designation and station :-
3. Working under :-
4. Divn/Unit where lien held :-
5. PF No./NPS No. :-
6. Educational Qualification :-
7. Date of Birth :-
8. Date of appointment to Railway service :-
9. Whether the candidate belongs to SC/ST Community (if yes, a copy of caste/Tribe Certificate duly attested by a Gazetted Officer should be enclosed.) :-

10. Date of appointment/promotion to the following grade on regular basis (6th PC):-

	Day	Month	Year
(a) In PB-I GP- 2800(for running staff only)			
(b) In PB-II GP-4200			
(c) In PB-II GP-4600			

11. Length of non-fortuitous service (Regular Promotion) to the following grade as on 01.11.2013.

	As on	Year	Month	Days
(a) In PB-I GP- 2800(for running staff only)	01.11.2013			
(b) In PB-II GP-4200	01.11.2013			
(c) In PB-II GP-4600	01.11.2013			

12. Present pay & scale & Date of promotion to present scale. :-

13. Choice of language to answer the questions (English/Hindi). The candidate should indicate his/her choice, either any one of the above two language.

14. DECLARATION OF THE CANDIDATE:-

I do hereby declare that the above particulars furnished by me are true to the best of my knowledge and belief. I further undertake that in the even of any entry above is found incorrect or not in order, my candidature shall liable to be cancelled at any stage during pendency of the above selection.

SIGNATURE OF THE CANDIDATE(HINDI)

SIGNATURE OF THE CANDIDATE (ENGLISH)

- (A) Forwarding the application (filled-up) furnished by the candidate to the cadre (Personnel branch) officer by his/her controlling officer:-

The proforma of Bio-data filled-up by the candidate, Shri/Smt. _____ Designation _____ received within the target date is hereby forwarded to his/her respective cadre (Personnel Branch) officer for verification with the service record available in his/her officer and for onward transmission to the General Manager(P)/ECR/HJP.

SIGNATURE OF CONTROLLING OFFICER

(With office seal & date)

- (B) To be furnished by the cadre (Personnel Branch) officer:-

If the volunteer come under the circumstances mentioned in item no.(A.1) of para 2 of the notification the service rendered by immediate senior employee as on 01.11.2013 should be indicated invariably in the under mentioned format.

Sl.No.	Name(S/Shri) of immediate senior	Designation	Pay Band & GP	Year	Month	Day
			In PB-I GP- 2800(for running staff only)			
			In PB-II GP 4200			
			In PB-II GP 4600			

It is certify that the service particulars furnished by Shri/Smt. _____, Designation _____ through the above proforma (Bio-data) have been verified with his/her service record and found correct and it has been forwarded to GM(P)/Hajipur for further necessary action.

SIGNATURE OF THE CADRE ('P' BRANCH) OFFICER

(With office seal & date)

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**SYLLABUS FOR LDCE- FOR PROMOTION TO GROUP 'B' POSTS IN THE
TRAFFIC(TRANSPORTATION) DEPARTMENT FOR AOM(Gr.'B')
AGAINST 30% SELECTION**

TRAFFIC(TRANSPORTATION)**PAPER- I****150 Marks****PROFESSIONAL SUBJECT****(1) General**

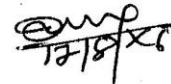
- (a) Hierarchy set up and line of control of operating department at the Divl./Zonal and Railway Board level.

(2) TRAFFIC, TRAIN AND POWER CONTROL ORGANISATION

- Objectives and functional set-up of Control offices.
- Functions of Control Organisation pertaining to Train Ordering, Punctuality, Maintenance of Operating Statistics, Wagon & Loco Stock Management, Blocks (Engg., TRD etc) management, Management during Accident & unusual Situations/Circumstances & Disaster Management.
- Duties and responsibilities of Chief Controllers, Dy. Chief Controllers, Section Controllers, TNCs, Recorders and their Co-ordination with Lobbies, Station & Yards.
- Freight Train Operation (FTO) & Freight Train Ordering Principles with without co-ordination with Crew Lobbies.
- Special instructions during abnormal conditions of working and during emergencies like C/clone, Civil Disturbances, Accidents etc.
- Daily performance reporting from station/Yard/Sheds to Area sub-control, Area/Sub-control to Divisional Control office and from Divisional Control office to Zonal Control Office and from Zonal Control office to Railway Board.
- Basic and important documents/Registers maintained in Control Office and their basis.
- Periodical performance reporting and analysis of operating performance along with compilation of statistical data.
- Power Control organization-Engine & Crew scheduling.
- Factors affecting wagib & Engine utilization and methods of improvements.
- Working pertaining to issue of caution from Nominated and Notice Stations.
- Liaison/Co-ordination with Control Establishments of other departments like Engg., TRD, Traction Control, Signaling Control etc.

(3) FREIGHT TRAIN OPERATIONS:-

- Functioning of Crew and Guard Lobbies.
- Integrated Lobbies.
- Shunting operations in Yards or Road side stations.
- Working of Marshalling yards & Transshipment points.
- Cause of yard and section congestion and remedial strategies.
- All Indian Marshalling order and Railway-wise Marshalling orders - principles and procedures.
- Rules regarding carriage of Explosives and other General Goods.
- Priority Schedule.
- Indent Allotment and supply of Freight stock at stations.
- Wagon Stock Management for loading and unloading operations.
- Imposition of Operating Restrictions on Wagon Loading and acceptance of wagon indents.
- Observance of civil ban and carriage of contraband goods etc.
- Important Documents/Registers maintained in Yards & at Stations.
- Familiarity with G&SR, Accident Manual, Operating Manual, Block working Manual, Red Tariff, IR Act, 1989 etc.
- Crew Management.



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- Engine Utilization aspects requiring special attention:-
 - (i) Engine Crew and Train Crew Schedule.
 - (ii) Rules regarding Outstation and Home station rest, etc to ensure observation of 10 Hour Rule or Rules applicable from time to time.
 - (iii) Movement of Dead Locomotives.
 - (iv) Management of maintenance Schedule of Locomotives.
 - (v) Shed and Traffic Outage of Locomotives.
- Wagon Turn Round Time(WTR) & factors affecting optimum utilization of the wagon fleet and methods of improvement:-
 - (i) Running of unit trains and formation of Captive Rakes.
 - (ii) Block train operations.
 - (iii) Nominated day loading
 - (iv) Rationalisation scheme of movement of Freight Traffic for avoiding congestion by specific routes.
 - (v) Merry-Go-Round (MGR) System.
 - (vi) Engine on – load(EOL) system.
 - (vii) Mini rake system
- Supervision and control over movement of special type of stock, ODC consignments.
- Maximum Moving dimensions.
- Wagon Census.
- Uses of computer:-
 - (i) Freight Operations Information System (FOIS)
 - (ii) Coaching Operations Information System(COIS)
 - (iii) Rake Management System(RMS)
 - (iv) Terminal Management System(TMS)
 - (v) Computerized Train Charting.
- Relevant Rules and important Policy guidelines.
- C&W examination for Intensive, Round Trips, Premium and close circuit rakes.
- Sickness and TXR Repair Depots including POH & ROH Depots and their functions.
- Supply of Coaches/Wagons to C&W shops for POH and special repairs.
- Working of Traveling traffic cranes for handling heavy consignments at intermediate stations.
- Detaching of Sick Wagons at en route Stations and their repair and clearance.
- Inter change transactions- junction returns of Inter Railway Inter change traffic.
- Weighment of rakes.
- MIL RAIL
- Permissible Axle Loads & Heavy Haul Operations.
- 'Payload' to 'Tare' Ratio of Wagons.
- **Operating Statistics**
 - Definition, meaning and methods of compilation of the Fundamental and Derived units.
 - Analysis of the Operating Statistics.
 - Important Operating Efficiency Indices, their meaning and uses.
 - Operating Ratio.

GENERAL KNOWLEDGE

It would contain questions on subject of interest as well as importance. Question should be based as to test the knowledge of candidates, which they would acquired general observation/reading without a specific study or detailed knowledge of text books. The Paper should also contain question on topic of national importance, achievements of Railways as also questions which will test the awareness of the candidates to development and are taking place. A few questions on official language policy and official language rules will also be included in the paper of general knowledge.

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Paper-II

PROFESSIONAL SUBJECT

1. **WORKING OF TRAINS GENERALLY AND GENERAL AND SUBSIDIARY RULES**

- Responsibility and function of engine crew before starting and while on run and during abnormal/unusual situations.
- Responsibility and function of Guard/Asst. Guard before starting and while on run and during abnormal/unusual situations.
- Role and Responsibility of Station staff in working of trains.
- Various systems of working of trains and Conditions for Granting LC.
- Classification of stations, standards of Interlocking, Signaling systems, Equipment & their working.
- Stations working Rules and Block Working.
- Level crossings.
- Line capacity and measures for augmenting it MAUQ, Tokenless working, Centralised Traffic Control, Doubling, Automatic Block, IBS/IBH.
- Combined Train Report, Guard's Rough Journal Book, Vehicle Guidance, Driver's Ticket, Brake Power Certificate etc.
- Rules regarding Marshalling of vehicles on Passenger, Mixed and Freight trains.
- Vacuum Brake & Air Brake systems along with Continuity Test.
- Precautions to be taken on Ghat sections.

2. **PASSENGER TRAINS OPERATION:**

- General principles and methodology of Time Tabling of passenger trains.
- Consultative machinery for revision of Time Table at Divisional, Zonal and Rly.Board level.
- Publication of working Time Tables, Public Time Tables and sheet Time Tables.
- Punctuality of passenger carrying trains.
- Factors affecting punctuality of passenger carrying trains and methods of improving the punctuality.
- Augmentation of train loads for meeting traffic requirements.
- Running of Tourist coaches, special carriages and special trains.
- Planning and Running of Holiday special, Mela specials, Tourist specials etc.
- Introduction of new trains extension of train run introduction of through and sectional coaches.
- Preparation of engine links and Driver Guard links & Rake Links.
- Computer Service Operations.

3. **ACCIDENTS AND SAFETY ORGANISATION:**

- Accidents, Types and their classification, causes and their prevention.
- Functioning of Railway Safety organization.
- Chief Commissioner of Railway Safety and his functions.
- Rules of reporting accidents.
- Accident Relief Medical Equipment (ARMES) & Accident Relief Trains(ARTs).
- Role and Responsibilities of various officials and Departments during Accidents.
- Responsibility of the Control Organization Station Masters and Traffic staff on the affected Section.
- Accident enquiries and DAR action against staff held responsible for accidents.
- Review and analysis of Accidents for taking corrective measures.
- Disaster Management & Implementations of High Level Committee's report on Disaster Management on Indian Railways.

ACCIDENTS PREVENTION

- Psycho analysis in case of accidents attributed to human failures.
- Improved mechanized aids to prevent human error like.
 - (i) Improved signalling and inter-locking arrangement,
 - (ii) SM's central and Inter cabin control over route
 - (iii) Track circuit and Axle counters.

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- (iv) Route Relay inter-locking
- (v) Automatic cab warning system and automatic braking system.
- Refresher Courses, Safety camps and safety campaigns.
- 4. **PLANNING ON THE RAILWAYS.**
 - Set up and functions of Planning Wing on IR.
 - Corporate Plan and Annual Plan.

FINANCIAL & ESTABLISHMENT RULES.

ESTABLISHMENT RULES

Personal Management:

1. Organization of the Personnel Department in the Railways. The objectives of the personnel Department, functions and policies of the Personnel Department. Role of the Personnel officer in Headquarters and on the Divisions.
2. Classification of services, Recruitment to the different services Group 'A' to 'D' Recruitment of Artisan staff - special Reservation in Railway Services, Rules of the Railway Service Commissions in recruitment, Recruitment other than through usual channels, promotion policy and methods.
3. Personnel Supervision leadership styles, formal and informal leadership, leadership qualities, different leadership styles. Domestic or participative leadership style. Advantage of participation, Joint Council of Management, Negotiating Machinery scheme, zonal and Divisional Corporate Groups.
4. Inspection of loco sheds, C&W Depots, stations and Engineering Offices.

LABOUR RELATIONS AND WELFARE, UNION AND THEIR RULES

1. Important recognized Trade Union in Railways, Role of unrecognized unions and method of dealing with them.
2. Industrial Disputes and the legislative Frame works, Causes of Industrial Disputes, basis remedies, the Industrial disputes Act-1947, strike, lock-out and lay-offs, handling of grievances at Divisions and in the Head Quarters, handling of grievances by Labour enforcement Officers.
3. The Hours of Employment Regulations, Overtime, job-analysis and its techniques.
4. The Factories Act, Special Rules for workshop staff in the Railways.
5. The workmen compensation Act, Ex-gratia payment, Incentive Bonus schemes.
6. Pass rules.
7. Retirement benefits under the provident fund and Pension Scheme, Final Settlement.
8. Welfare for the whole family of railway men, concept and practice obtaining on the Railways.

FINANCIAL RULES

1. Parliamentary control over Railway finance-public accountability, canons of financial propriety.
2. Financial planning and Budgeting- Budgetary and financial Reviews- Appropriation accounts.
3. Rules of Allocation - Classification of expenditure- control over expenditure- Responsibility, accounting- performance Budgeting- Exchequer General Financial Results of working.
4. Works program- Financial Justification of works surveys preparation of Estimate- Capital Budget Control over capital expenditure productivity test.
5. Financial control over store expenditure- purchase and stores procedure- Inventory control and A.B.C.
6. Financial and cost control in Railway Workshop.
7. Rules and procedure relating to tenders and contracts for execution of procurement of stores.
8. Procedure for processing and finalizing the Audit Objection and Drafting.
9. Delegation of powers.
10. Losses, Frauds and embezzlements.

RECOMMENDED READING (FINANCIAL RULES)

1. Indian Railway General Code Vol.I & II (Chapter III, IX, XVII).
2. Indian Railway Code for Account Deptt. Pt. (Chapter VIII)
3. Indian Railway Administration & Finance Introduction First Edition Chapter II, VII, & VIII.
4. Indian Railway Code for the Engineering Deptt, Chapter-II to V, IX to XIV.
5. Indian Railway Code for the Store Deptt. excluding chapter XV to XXX & XXXX.
6. Report of the Task Force on Budgetary Accounting and Management Practice Rlys.- First and second report.
7. Report by the Committee on Technique of Financial appraisal of Rly. Project.
8. Indian Railway Code for Mechanical Deptt. Chapter VIII to XII.

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