

दक्षिण पश्चिम रेलवे
SOUTH WESTERN RAILWAY

मंडल कार्यालय /Divisional Office,
कार्मिक विभाग /Personnel Department,
मैसूरु /Mysore - 570 001,
दिनांक Dated: 03.12.2018

सं वाई/पी No.H/P.608/1/ENGG/JE/P.WAY/LDCE/VOL-I

SSE/P.Way/MYS,KRNR,HAS,ASK,TTR,SMET,SRF,SHV,DVG,RNR,YLG,
CTA,MOMU,SKLR,HAS-SLKR@HAS,& KBPR
SSE/Works/MYS,AP,HAS,SKLR,ASK,RRB,SMET,&DVG
SSE/Bridge/MYS,SKLR

विषय Selection for the category of JE/P.Way in level-06 against 20% LDCE Civil
Sub. Engineering Department, MYS, Division.

Ref. Railway Board letter No.E(NG)I-2018/PMI Dated:03.03.2018 (RBE
No.20/2017)

Volunteers are called for from the staff of P.WAY Wing who fulfil the conditions stipulated below for selection to form a panel for filling up of 05 vacancies of JE/P.WAY in level 06 of pay matrix(PB 9300-34800+4200(GP) 7th PC) against 20% LDCE quota.The communal break up of vacancies is :- SC:01 ST:NIL & UR:04

The selection comprises of written test (Paper-I & II) followed by perusal of records.

1. Volunteers from Trackmaintainer of all grades and Civil Engineering staff, such as USFD, Blacksmith, Welder, Moulder merged as Ancillary in Bridge, Painter, Carpenter, Gascutter working on P.way side.
2. Should have completed 3 years regular railway service in P.way wing as on the date of notification.
3. Should have the educational qualification of 10+2 pass at least three subjects out of Mathematics, Physics, Chemistry and Computer Science.
Or

Having Diploma in Civil Engineering/CivilEngineering (Transportation) are eligible (All Diplomas should have recognition/affiliation of AICTE).

4. Should be below 45 years of age as on date of notification (RBE No.85/2010).
5. Willing employees who fulfill the above eligible conditions may submit their application proforma Annexure 'A' on or before 31.12.2018 to their respective Controlling Supervisor, who may forward the application duly verified and certified so as to reach this office on or before 04.01.2019 together with DAR clearance as on date and Service Registers of the volunteered employees.
6. There shall be no supplementary written examination as only volunteers are called for.
7. Syllabus for the above examination Paper I & II is enclosed as Annexure-B1 & B2.
8. Instruction to the volunteers is enclosed as Annexure-'C'.

Immediate action may be taken to circulate the notification to all concerned including those willing under Leave/Sick list.

Encl: Annexure A, B1, B2 & C.

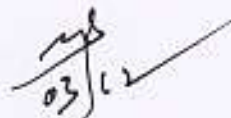
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(S.M.SAHADEVAN)
DPO/I/MYS
for Sr.DPO/MYS

Copy to: Sr.DEN/Co-ord/MYS, Sr.DEN/W/MYS, Sr.DEN/N/MYS, DEN/C/MYS, DEN/HQ/MYS
Copy to: ADENS/MYS, SKLR, ASK, SMET, DVG & CTA
Copy to: Chos/IPAS
Copy to: Divl.Secy/SWRMU/MYS Dn
Copy to: Divl.Secy/AISC/ST Assn & Divl. Secy/AIOBC Assn/MYS Dn
Copy to: Notice Board

Instructions to the employees volunteering for the post of JE/P.Way with GP Rs.4200 under 20% LDCE.

1. Employees working in the Permanent Way side working in the identified categories only eligible to volunteer for post of JE.P. (WAY) under LDCE Quota.
2. There shall be no supplementary written examination as only volunteers are called for.
3. The post of JE/P.Way is a selection post and minimum qualifying marks is 60% and there shall be no relaxation for employees of reserved community, since the post is classified as "safety category "post.
4. Volunteered employees of reserved community will be imparted pre-selection training for 21 working days at Training centre.
5. List of eligible employees, Training schedule for employees from reserved community along with date of written examination will be advised in due course
6. Applicants may also visit website www.swr.indianrailways.gov.in for notification, application form Annexure-'A', syllabus for paper I & II is enclosed as Annexure-B2 & B2 and instruction to the candidates Annexure-'C' eligible list of employees of reserved community for the pre-selection training and written test.
7. Question paper will be in bilingual and option exists to the employees to answer either in English or in Hindi.
8. As per the extant instructions, the written examination will consist of two papers, Paper I and Paper II. The candidates will have to qualify in both the papers for empanelment.
9. The written test shall comprise of both objective and narrative. 10% of the marks shall be on Official Language.
10. There shall no erasing, cutting or overwriting in the answer to the objective type questions.
11. Empanelment shall be purely on the basis of merit.

Handwritten signature and date, possibly '03/12'.

Application to the post of JE/P.Way in Level-6 (Rs.93000-34800+GP-4200/-) against 20% LDCE quota in P.Way Wing of Civil Engineering Department, MYS Division.

1.	Name in Block Letters	:	
2.	PF No./NPS No.	:	
3.	Father's Name	:	
4.	Date of Birth	:	
5.	Age as on Date of Notification	:	
6.	Date of Appointment (Regular)	:	
7.	Present Designation & Grade Pay	:	
8.	Date of Entry to present Grade Pay	:	
9.	Length of total service in P.Way Wing	:	
	Track maintainer Gr.IV		Track maintainer Gr.III
	Track maintainer Gr.II		Track maintainer Gr.I
10.	Office/Unit working	:	
11.	Whether SC/ST	:	
12.	Academic/Tech. qualification (certified copies in support of Education, Qulafication, to be enclosed)	:	

Place:

Date:

Signature of the applicant

Office :

Date:

Forwarded to DPO/MYS, Certified that the above particulars from 1 to 12 have been verified and found correct.

Signature of the Controller Officer

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PAPER-I

(General knowledge, basic engineering & other railway relevant topics)

1. General ability and computer knowledge.

This paper contains question based as to test the knowledge of candidates, which they would acquire by general observation/reading without a specific study or detailed knowledge of text books. The paper should also contain questions on topics of national importance, achievements of Railway as also question which will test the awareness of candidates to developments which are taking place. Some questions will be on basic of computer knowledge.

2. Soil Mechanics

Elements of soil mechanics, physical properties of soil, compaction, field methods of compaction stabilization of soils, specifications and construction of earth work in embankment and cuttings, Side and catch water drains.

3. Surveying

i) **Chain and Compass Survey**- basic principles, base lines, check lines, tick lines, perpendicular and oblique offsets , conventional signs, plotting of survey, true and magnetic bearings, open and closed traverses, recording plotting of traverse, closing errors.

ii) **Plane Table Survey**-plane table outfit, methods of radiation, intersection and traversing, contouring with plane table using telescopic alidade merits and demerits. Leveling-Level Lines-Datum, bench marks, simple leveling, fly leveling, recording the levels in field book method reducing levels, arithmetical check, Longitudinal and cross section contouring.

iii) **Theodolite Survey**- Types of theodolites, measurement of horizontal angles, vertical angles, magnetic bearings and deflection angles prolonging straight line, traversing by method of included angles, balancing the survey closing errors, calculations of latitude and departure, use of theodolite as a tachometer.

iv) **Curves** - Elements of Simple circular curves, setting out simple circular curves, different methods.

4. Establishment & finance matters pertaining to P.Way staff : Conduct rules, Discipline & Appeal rules, pass and leave rules, Factories act, Payment of wages act, Workmen compensation act, Hours of work and period of rest, retirement benefits etc.

5. Stores matters in P.way

DMTR, Field book, MAC account, P.way stores transactions, accountal and verification, classification of P.Way materials and disposal of scrap.

6. Official language policy and rules.

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PAPER-II

(P.Way Engineering)

1) Duties of P.Way staff.

Duties of Asst.Engineers, duties SSE/P.Way,JE/P.WAY,Track maintainer I to IV patrolmen and Gate keepers

2) P.Way components including track renewals

Rails,Sleepers, welds, Fastenings, Points & Crossings Formation, Functions, maintenance and track renewals,

3) Inspection and monitoring of Track.

Inspection schedules, OMS, TRC, TGI, Track monitoring and TMS.

4) Construction and maintenance of P.way

Laying of new tracks, systems of maintenance:- Over-hauling, systematic through packing, picking up slacks, Directed track maintenance, miscellaneous works, lifting and lowering of track screening of ballast, maintenance of drains, lubrication of rail joints, adjustment of creep, maintenance of level crossing, maintenance of point and crossing special maintenance Works.

Maintenance of curved track and realignment of curve, curvature transitions, super elevation of curves, safe speeds cant deficiency, speed on curves with turnouts, realignment of curves, methods.

5) Laying and maintenance of LWR track

Maintenance of short welded rails, long welded rails and continuous welded rails, maintenance in electrification section, special precaution, maintenance of track circuited sections, special precautions.

6) Mechanized maintenance of track including small track machines.

Need for mechanization, model of mechanized maintenance.

3 tiers system of track maintenance, Working of MMUs.

Small track machines: types, use in maintenance, spot attention with off track tampers, Troubleshooting and system of repairs & maintenance, pre-requisites to tamping and other machine works Pre & Post and during attentions for tamping and machine working

Design mode tamping: survey and procedure of tamping.

7) Working of Trolleys, Lorries, Materials trains and protection

Engineering restrictions and indicators, works of short duration, work of long duration, Temporary engineering fixed signals,

Equipment on trolleys and lorries working of trolleys and lorries,

Ballast and material trains, General rules for working.

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