

No. SUR/P/Engg/20%/JE(P Way)/LDCE

Dated.08/03/2023

NOTIFICATION

Sub : Filling up of vacancies of Junior Engineer (P.Way) Pay Band Rs.4200 GP / Level 6 against 20% LDCE quota in Engineering.

Ref: Rly. Bd's Lr. No. E (NG) I-2007/PM5/5 dated 29.10.2014. and
SPO/CSMT's L No. P/HQ/Ruling/O/803 dated 11/05/2018

It is proposed to conduct the Selection for the post of JE/P.Way in Pay Matrix Level-6 against 20% LDCE. Quota in Civil Engineering Department of Solapur Division. The number of vacancies and **the communal break up vacancies assessed as under:**

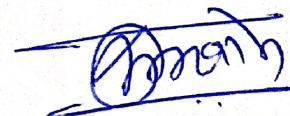
| SC | ST | UR | Total |
|----|----|----|-------|
| 01 | 01 | 04 | 06 |

Applications in the prescribed Proforma are called from the employees belonging to the following categories:

- 1) Volunteers from Track Maintainers of all grades, Civil Engineering Department, SUR Division & Track Maintainers in all grades whose seniority is mentioned in the Seniority unit of SUR Division.
- 2) Volunteers from the employees belong to categories of USFD staff, Blacksmith, Hammer man, Welder, Molder, Aligner, Painter, Carpenter etc. working on P. Way side, with 03 years of Railway service who are in the Level of below 06.
- 3) Artisan Helpers presently working in P Way cadre and who have experience of working in P Way side for three (3) years, provided they fulfill educational qualification and other eligibility criteria for the post.

4) Eligibility Conditions:

- a) Volunteers should be in the Level below 06.
- b) They should have completed 03 years regular service in P Way side on the date of notification.
- c) They should have educational qualification of 10+2 pass with at least three subjects out of Mathematics, Physics, Chemistry and Computer Science or having Diploma in Civil Engineering / Civil Engineering (Transportation) are eligible. All Diplomas should have the recognition / affiliation of AICTE. They should possess the educational qualifications on date of notification.
- d) Volunteers should be in the age of below 47 years for General Category (UR) employees and below 52 years with relaxation of 5 years for SC/ST employees as on the date of the notification.
- e) Three years regular service will not include the 03 years training period for the candidates appointed as Tech-III in the artisan categories.



Selection Procedure: The selection comprises of written test either through “CBT OMR or Pen & Paper” Mode depending on availability. The Question paper will be 100 Objective Type. 10 optional questions pertaining to Rajbhasha In terms of RBE. No. 196/2018 dtd. 14.12.2018. The duration of written examination is 02 hours in terms of RBE No. 97/2019 (Total 110 questions for 2 hours). All the questions will be multiple choice only.

As per RBE No. 196/2018 dated 14/12/2018, cutting, overwriting, erasing or alteration of any type in the answer will not be accepted. Zero mark will be given for the answer having correction/overwriting. There shall be negative marking for incorrect answer. One third of the marks allowed for each question will be deducted for wrong answer.

Scheme of Examination: The scheme of selection comprises of Written Examination only. Those who have secure 60% marks and above in the written examination will alone be considered for further empanelment process of the securing of 60% in aggregate i.e. written test and record of service is the criteria for placing on the panel subject to the extent of vacancy notified. Empanelment is purely on the basis merit and **medical exam in A-3 (Aye-Three)** standard. There is no relaxation for employees belonging to the reserved community since the post is classified as safety post.

The Tentative program for selection is as under;

| Sr. No. | Description | Tentative Date |
|---------|---|--------------------------|
| i | Date of issue of notification | 08/03/2024 |
| ii | Date by which applications to be submitted to Depot In charges / Officer in charge of Depot. | 27/03/2024 |
| iii | Date of submission of applications received at Depot to be forwarded by the Depot In charge/ Officer in charge to this Office in one lot. | 01/04/2024 |
| iv | Date of publication of eligibility list after scrutiny of applications received. | 02/05/2024 |
| v | Pre- Selection coaching / training to ST employees | 06/05/2024 to 27/05/2024 |
| vi | Date of Written Test | 30/05/2024 |
| vii | Date of result of written test. | 28/06/2024 |
| viii | Date of publication of panel | 15/07/2024 |

The Written Examination for the above Selection will be held on **30/05/2024 at 10:00 hrs** in DRM's Office P/Branch Solapur.

The staff concerned may be advised regarding the above Selection accordingly, the employee should report at 09:30 hrs on the date without fail with the proper bearer letter along with photograph duly attested by the Controlling Officer. Depot In charge **no** leave of any kind be granted to the employees on the date of written test. If any employee is on leave sick list he should be specifically informed regarding the above test at his address by deputing a special messenger and acknowledgement obtained in writing.

The scheduled time of the above examination is as under;

| | |
|---|-------------------------|
| Reporting time for examination | 09 : 30 hrs |
| Time of last entry of candidates for exam | 10 : 30 hrs |
| Examination Time | 11 : 00 to 13 : 00 hrs. |

“ After last entry time no candidates will be allowed in the examination hall.”

The employee who remained absent on main written test will be allowed in Supplementary Written Test with valid reasons (if under Sick of Railway Doctor). The concerned Officer/Incharge should ensure that all the eligible employees are directed for written test on date in time and with proper bearer letter.

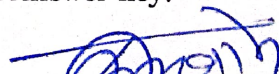
The syllabus for written examination for the above suitability is enclosed as **Annexure 'B'** for ready reference.

Instructions to the candidates to be strictly followed during the written test:

1. Candidates should not keep bags, books, notes, calculators, mobile phones, electronic watches, etc. with them. Mobile phones should be switched off and handed over to the Invigilator before entering the examination hall. Cell phone, any electronic gadget if found in possession of candidate he will be debarred.
2. Candidates can use blue/black ball point pen only. Gel Pen /Pencil or ball point pen with other colors such as red, pink green etc. o highlighters and sketch pens are not allowed. Do not put stray marks anywhere on the OMR Sheets.
3. Candidates should check the page numbers on the Question Booklets immediately after opening of the Booklet if any short coming are noted same to be reported t Invigilator.
4. Candidates should write their Name, Roll No. in the OMR sheet, in the space provided for them. If it is found that the Name Roll No. or any sign marking of any kind what-so-ever appears on the OMR sheet in another space than prescribed the candidate will stand disqualified.
5. Candidates should carefully fill up all the necessary particulars in OMR sheet. Change of OMR sheet is not permissible.
6. Candidates should not write their name, initial, designation, signature, address or any other identification anywhere else on the OMR sheet, as this will disqualify them. They should not draw any symbol or sign as SHRI GANESHAYA NAMAHA, HARI OM, OM, SHRI SWAMI SAMARTH, etc. on their answer sheet. They should use same colored ink, i.e. blue or black, for writing the answers. (any one colour)
7. No. candidate should converse with the other candidates during the examination.
8. Candidates should collect their relieving letter after handling over their answer sheets.
9. OMR, sheets of candidates found indulging in malpractices like cheating, using unauthorized materials, tampering the sheets will be confiscated immediately and will not be evaluated. Such candidates will be taken up under DAR and the penalty imposed would generally be not less than for 3 years.
10. If any ambiguity in Hindi version, English version is to be considered authentic.

11. Additional information for guidance to the staff: In terms of this office letter No. SUR/P//Con/Selection/ Publishing Answer-Key/2023 dated. 22.11.2023 it is hereby advised to incorporate the following instructions/ clarification issued for all departmental /LDCE selection.

- a) As per HQ letter No. P/HQ/Ruling /0/803 dated.07.10.2022 the '**Answer key**' or '**Revised Answer Key**' if any will be upload in Rail Net website <http://cr.indianrailways.gov.in/> any representation(s) against the questions/ options, to be uploaded by the examinees with proper clarification (**only candidate who appeared**) on email id (srdposur@gmail.com) only (**not through DAK**) and the examinees will be given only 07 days (including intervening holidays) from the day next to date of publishing of Answer key.



- b) As per Railway Board's Letter no. E(NG)I-2023/E(NG)I/9 dated 08.06.2023, total marks secured by all the candidates who have been evaluated after qualifying the written examination and the marks secured in the written test in case of the remaining candidates will be uploaded in Rail Net website <http://cr.indianrailways.gov.in/> after finalization of the panel.
- c) As per Railway Board's letter No.2010/E(RRB)/25/27/Pt. dated 09.06.2021 stipulates that wherever any question(s) in the question paper(s) is found to be incorrect, the question(s) may be omitted from the scope of evaluation instead of giving grace mark(s) and raw score may be assessed on percentage basis.

Accordingly, in terms of Railway Board vide letter No.(E(NG) I/2018/PM1/4 dated 07.11.2023, In case some of the question(s)/answer therein are incorrect, the procedure as prescribed in above Railway Board's letter dated 09.06.2011 will be adopted only for those candidates who have attempted that/those incorrect question or questions with wrong answer(s). This will be applicable to question paper(s) involving optional question(s).

Notifying to the staff:

The controlling officer/supervisor shall give wide publicity of the notification to all the eligible staff of Engg. Department of SUR Division and notification should be displayed at notice boards and conspicuous place. It is the responsibility of controlling officer/supervisor to circulate the notification among the staff concerned.

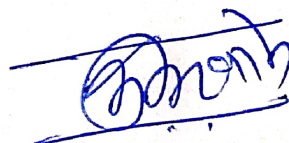
In terms of Railway Board's letter No. E(NG)I-72/PM1/166, dated 26.06.1972, the Senior Subordinate/Supervisor concerned has to furnish a certificate that the eligible candidates were duly notified of the holding of the test and asked to submit their applications duly giving their willingness" and forward the same to DRM(P)SUR. It should be the personal responsibility of the Senior Subordinate/Supervisor to complete the formality in this respect. It is further advised that any other communication received in respect of the selection should invariably be intimated to all the eligible employees. In case of non receipt of any communication the same may be obtained from the Personnel department or from the Controlling Officer. **Any laxity in this regard will be viewed seriously.**

12. The syllabus for the Written examination is enclosed as **Annexure "B"**

13. SC/ST community employees volunteered for the selection will be imparted pre selection coaching for 21 days at the nominated training centers or any other method. The schedule for which will be notified separately.

14. The volunteers should be in readiness to appear for the written exam at a short notice treating this notification as alert notice.

15. Willing employees who fulfils the above eligibility conditions may submit their application in the proforma **Annexure "A"** on or **before 27/03/2024 to their respective depot in charges** who may forward the applications duly verified to **DRM (P) SUR before 01/04/2024**. Even if no application is received from the employees by the cut-off date i.e. **27/03/2024**, a **"NIL"** report should be furnished to this office by ADENs concerned, so as to avoid back references.

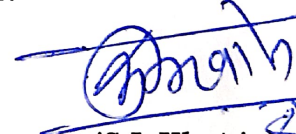


16. Applications received from the employees directly at Sr.DPO's Office/ incomplete applications/ applications received without certification by the concern Depot In-charge with ADENs Office /applications received the due date and also without copies of education Technical qualification certificates will be summarily rejected without further notice.
17. The notification is provisional and subject to the outcome of any court case pending before. Any Court of law regarding reservation matters.
18. Those who are eventually considered for the posts as JE (P Way) have to undergo 12 months training. During the period of training, they will enjoy the same privilege and status of category from which they are selected or to fix their pay on the stipendiary scale. There will be no supplementary written examination for the above post.
19. The notification should be given wide publicity for information of all the employees concerned. Employees may visit Solapur Division website **Notification is also published on Web page on address [cr.indianrailways.gov.in/about us/division/Solapur/personnel](http://cr.indianrailways.gov.in/about-us/division/Solapur/personnel).**
20. Applications received after due target date , will not be entertained under any circumstances.

Note: Railway Board vide letter dated 10/09/2014 have instructed that wherever the vacancies remain unfilled in promotion quota the same will be carried forward to LDCE/GDCE quota if any and the unfilled vacancies of LDCE/GDCE will be carried forward to direct recruitment quota to next year selection. In case there is no LDCE/GDCE for the post the unfilled vacancies may be diverted to direct recruitment quota of the upcoming year.

Please acknowledge the receipt.

DA: As above


(S L Khot) 23/02/2024

कृते मंडल रेल प्रबंधक(कार्मिक)
सोलापुर.

- प्रत - 1) SDGM/VIG/CSMT for inf. Please.
- 2) वरिष्ठ मंडल अभियंता (समन्वय), सोलापुर.
 - 3) वरिष्ठ मंडल अभियंता (उत्तर) (दक्षिण), मंडल अभियंता (मध्य), सोलापुर.
 - 4) सहायक मंडल अभियंता, सोलापुर/ अहमदनगर/पंढरपुर/कुर्दवाडी/कलबुर्गी/लातूर.
 - 5) मुख्य कार्यालय अधीक्षक, गोपनीय (कार्मिक विभाग), सोलापुर
 - 6) DS/ CRMS, NRMU, AISCSTREA & AIOBCREA
 - 7) DBS for information & nec. Action in uploading the notification on Divisional Official website.

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PROFORMA**Annexure "A"**

Photo with
attestation of
Controlling
Officer

Application for the Post of JE/P Way in Engineering Department, Level-6 against
20% LDCE Quota. Ref. Notification dated. **08.03.2024**.

(Application should be forwarded only after verifying & certifying the particulars)

| | | | |
|----|--|---|--|
| 1 | Name of employee in Block letters | : | |
| 2 | Father's name | : | |
| 3 | PF Account No./NPS No. HRMS ID | : | |
| 4 | Date of Birth | : | |
| 5 | Present Designation, Unit & Wing | : | |
| 6 | Pay Matrix Level(Regular) | : | |
| 7 | Place of working | : | |
| 8 | Length of Service in P Way Wing | : | TM IV: TM III: TM II: TM I: |
| 9 | If belongs to SC/ST community (Enclosed attested copy of Caste Certificate) | : | |
| 10 | Mode of Appointment | : | |
| 11 | Length of service in Skilled grade (Wks) | : | |
| 12 | Academic and Technical qualification as entered in Service Register (Attested copies in support of Educational qualification are to be enclosed) | : | |
| 13 | Age as on date of Notification i.e. 08.03.24 | : | |
| 14 | Mobile Number | : | |
| 15 | E-Mail address. If any | : | |

Encl:

Station:

Date:

Applicant's Signature

Forwarded to DRM (P)SUR for further action The applicant is working in P Way wing for the past---- years and has completed 03 years of service in P Way wing as on the date of notification 08.03.2024. The applicant is free from DAR/SPE/Vig. Cases.

Station:

Date:

Signature of Depot In-charge
(With Name & Stamp)

Signature of the Controlling Officer & Design.
(With Name & Stamp)



Syllabus for written examination for selection for the post of JE/PW in level 6 in civil engg. department against 20% Rankers quota

- 1) General Ability, General Knowledge on Railways and basics of Computer Knowledge
- 2) Basics of Civil Engineering including
- 3) i) Soil Mechanics- Elements of soil Mechanics, Physical properties of soil compaction, Field methods of compaction.
ii) Surveying
Types of surveying and its application in the field.
- 4) Leveling- Level lines- Datum bench marks, simple leveling, Fly leveling, recording the levels of field book, method of reducing levels, arithmetical check, Plotting of longitudinal and cross section profile.
Curves- Elements of simple circular curves, setting out simple circular curves, different methods.
- 5) Comprehensive guidelines and specifications for Railway formation (Specification No RDSO/2020)GE IRS-0004
- 6) Chapter 15 of General and Subsidiary Rules-2008(Including A.S No 16)
- 7) Discipline and Appeal Rules, Leave Rules, Pass Rules Hours of work and period of rest(HOER)
- 8) Stores matter in PW Chapter 14 of Engg Code and TMS Stores Module
- 9) Official Language Policy and salient features Rules
- 10) Indian Railway Permanent Way Manual
- 11) Indian Railways Schedule of Dimensions 1676 MM gauge BG Revised Engineering Code ACS No 29 dated 13.5.2020)
- 12) Manual for ultrasonic testing of Rails and welds revised 2012
- 13) India Railways Track Machine Manual 2019
- 14) Indian Railways Small Track Machine Manual 2005 upto ACS 5
- 15) Indian Railways Standard Specification for fusion welding of Rails by Thermal process se No. IRST-19-2020

1. Gandhiji's Champaran Movement was for _____.
(A) The security of rights of Harijans (B) Civil Disobedience Movement
(C) Maintaining the unity of Hindu Society (D) Solving the problem of Indigo Workers
2. Sea breeze occurs at/in _____ and Land Breeze at/in _____.
(a) Midnight/ Midnight (B) Day/Night
(C) Night/ Day (D) Noon/Midnight
3. Which of the following is called the master gland?
(a) Thyroid gland (B) Adrenal gland
(C) Endocrine gland (D) Pituitary gland
4. Bile juice that is stored in a sac called
(a) Stomach (B) Mouth
(C) Gall bladder (D) Pancreas
5. Who gave Vallabh Bhai Patel the title of Sardar?
(a) C. Rajagoplachar (B) M.K. Gandhi
(C) J.L. Nehru (D) None of these
6. Under which one of the following Articles, the procedure for removal of the President of India through the process of impeachment has been laid down?
(a) Article 53 (B) Article 61
(C) Article 74 (D) Article 13
7. Who can initiate impeachment proceedings against the President of India?
(a) Prime Minister (B) Either House of Parliament
(C) Vice-President (D) Chief Justice of India

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8. Article 370 concerning special powers related to Jammu and Kashmir has been a contentious topic in modern Indian history. Which of the given statements about article 370 is false?
- (a) Article 370 can be revoked unilaterally
 - (b) The name and boundary of the state cannot be altered without the concurrence of its legislature
 - (c) National emergency on the grounds of 'internal disturbance' is not applicable to Jammu and Kashmir without the state's concurrence
 - (d) Jammu and Kashmir is not the only state to which special provisions have been applied constitutionally
9. The longest river of peninsular India is _____
- (a) Narmada
 - (b) Godavari
 - (c) Mahanadi
 - (d) Cauvery
10. Which article of Indian Constitution stipulates about the Vacancy in the President's Office ?
- (A). Article 65
 - (B). Article 62
 - (C). Article 61
 - (D). Article 74
11. Bubbles of air rise up through liquids due to:
- (A). Surface tension and adherence
 - (B). viscosity and buoyancy.
 - (C). air current over the liquid and buoyancy
 - (D). Up thrust and surface tension.
12. The first Nobel prize winner of India.
- (A). Rabindranath Tagore
 - (B). Dr. Amartya Sen
 - (C). Dr. C V Raman
 - (D). Mother Teresa
13. Todar Mal was minister for which department in Akbar's reign?
- (A). Agriculture
 - (B). Finance
 - (C). Security
 - (D). Prime Minister
14. Who was awarded the first Rajiv Gandhi National Sadbhavan Diwas award
- (A). Mother Teresa
 - (B). J.R.D Tata
 - (C). Acharya Tulsi
 - (D). Dr. Pensgaswamy

(3)

15. Who invented the Printed Press?
- (A). Steven Sasson (B). Narinder Singh Kapany
(C). Johannes Gutenberg (D). J L Baird
16. The famous 'Shahi litchi' got the Geographical Indication (GI) tag. Shahi litchi belongs to which state?
- (A). Haryana (B). Maharashtra
(C). Bihar (D). Assam
(E). Uttar Pradesh
17. Prime Minister Narendra Modi unveiled 64-Foot tall statue of Deenbandhu Sir Chhotu Ram (messiah of farmers) at ____.
- (A). Anjar, Gujarat (B). Chatra, Jharkhand
(C). Sampla, Haryana (D). Faridkot, Punjab
(E). Faizabad, Uttar Pradesh
18. Who has won the Nobel Peace Prize for 2018?
- (A). Kailash Satyarthi Juan Manuel Santos & Henry Dunant
(B). Kailash Satyarthi & Malala Yousefzai
(C). Nadia Murad and Denis Mukwege
(D). Jean-Pierre Sauvage & David J. Thouless
(E). Juan Manuel Santos & Bernard L. Feringa
19. Which of the following country has lifted the under-19 Asia Cup title 2018?
- (A). Sri Lanka (B). Bangladesh
(C). India (D). Nepal
(E). Afghanistan
20. Who has won the 2018 Nobel Prize in Chemistry?
- (A). Frances H. Arnold, George P. Smith and sir Gregory P. Winter
(B). Jeffrey C. Hall, Michael Rosbash and Michael W. Young
(C). Arthur Ashkin, Gerard Mourou and Donna Strickland

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(D). Rainer Weiss, Barry C Barish and Kip S. Thorne

(E). Joachim Frank, Richard Henderson and Jacques Dubochet

21. Who translated the Tuzuk-i-Babri or Babarnama into Persian language ?

(A). Amir Khusro

(B). Humayun

(C). Abdul Rahim Khan-i-Khana

(D). Akbar

22. Which of the following protein is found in hair?

(A). Histone

(B). Keratin

(C). Elastin

(D). Actin

23. What is the process of conversion from solid to gas is known as?

(A). Fusion

(B). Solidification

(C). Sublimation

(D). Condensation

24. India's first gallery on robotic dinosaurs was opened to the public in which of the following cities?

(A). Udaipur

(B). Jamshedpur

(C). Kapurthala

(D). Surat

(E). Tiruchirappalli

25. The naturally occurring anti-coagulant in the human blood is

(A). Hirudin

(B). Heparin

(C). Fibrinogen

(D). Serotonin

26. What is the force behind the working principle of Cream separator?

(A). Centrifugal force

(B). Centripetal force

(C). Impulsive force

(D). None of the above

27. Ant sting contains acid

(A). Ascorbic acid

(B). Tartaric acid

(C). Lactic acid

(D). Formic acid