



# दिल्ली विश्वविद्यालय UNIVERSITY OF DELHI

Advt. No. R&P/302/2024

**I. The Selection for the following posts will be on interview basis.**

- 1. Chief Engineer (Post Code: ND1401)**
- 2. Executive Engineer (Post Code: ND1101)**

**II. Scheme of Examination for which assessment will be based on Interview with shortlisting for interview being based on written test.**

- 1. ASSISTANT ENGINEER (Civil/Electrical) (Post Code: ND0701)**

## **Scheme of Examination for Direct Recruitment to the post of Assistant Engineer (Civil)**

The following shall be the scheme of Examination, components of written test and its syllabus etc. for recruitment to the post of **Assistant Engineer (Civil)** by the direct recruitment:

### **A. Scheme of the Examination:**

<b>Written Test (MCQ based)</b> Test of subject matters relating to relevant to Civil Engineering Trades.	Time: 2 hours* Max. marks allowed: 400 marks (100 questions)	Written Test is only for the purpose of shortlisting the candidates for interview.
<b>Interview</b>		Final selection will be based on Interview.

\*20 minutes per hour extra would be given to Visually Handicapped, Cerebral Palsy candidates or similarly placed candidates from PwBD category.

**Syllabus for the written test will include areas concerning Civil Engineering. Some of the areas to be included are follows:**

- 1. Surveying**
- 2. Construction materials & Practice**
- 3. Engineering Mechanics and Strength of materials**
- 4. Hydraulics**
- 5. Quantity Surveying**
- 6. Design of Structures (RCC and Steel)**
- 7. Irrigation Engineering**
- 8. Environmental Engineering**
- 9. Transportation Engineering**

### **Note:**

- The appointment for the post Assistant Engineer (Civil) shall be on the basis of interview before the selection committee constituted by the University. However, the applications shall be shortlisted for the interview on the basis of written test. The marks awarded to the candidates in the written test shall not have any weightage / credit or merit during assessment / interview of the candidates by the Selection Committee as these shall be used only for screening / shortlisting purposes.



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2. The question paper shall be bilingual and the applicant will have the option to respond either in English or Hindi. However, the same medium of language must be used throughout.
3. There shall be negative marking for wrong answers in Written Test to the tune of  $1/4^{\text{th}}$  of marks allocated per question. The cutoff for qualifying the written test will be 50% marks of the average score of the top 05% of the candidates appearing in the written test. There will be a relaxation of 05% marks for candidates belonging to SC, ST and 10% for PwBD category.
4. Against one vacant post, 30 applications shall be shortlisted on merit basis for the interview. For more than one post, additional 10 applications shall be shortlisted for each remaining advertised post. (For e.g. for one post, 30 applications; for two post, 40 applications; for three post, 50 applications and so on). The candidates securing same marks as cut-off would be short-listed for interview in case of bunching.

## Scheme of Examination for Direct Recruitment to the post of Assistant Engineer (Electrical)

The following shall be the scheme of Examination, components of written test and its syllabus etc. for recruitment to the post of **Assistant Engineer (Electrical)** by the direct recruitment:

### A. Scheme of the Examination:

<b>Written Test (MCQ based)</b> Test of subject matters relating to relevant to Electrical Engineering Trades.	Time: 2 hours* Max. marks allowed: 400 marks (100 questions)	Written Test is only for the purpose of shortlisting the candidates for interview.
<b>Interview</b>		Final selection will be based on Interview.

\*20 minutes per hour extra would be given to Visually Handicapped, Cerebral Palsy candidates or similarly placed candidates from PwBD category.

**Syllabus for the written test will include areas concerning Electrical Engineering. Some of the areas to be included are follows:**

1. Electrical Circuits
2. Electrical Measurements
3. Control Systems
4. Analog and digital electronics
5. Electrical Machines
6. Power Systems
7. Utilization
8. Power Electronics and Drives

### Note:

1. The appointment for the post Assistant Engineer (Electrical) shall be on the basis of interview before the selection committee constituted by the University. However, the applications shall be shortlisted for the interview on the basis of written test. The marks awarded to the candidates in the written test shall not have any weightage / credit or merit during assessment



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- / interview of the candidates by the Selection Committee as these shall be used only for screening / shortlisting purposes.
- The question paper shall be bilingual and the applicant will have the option to respond either in English or Hindi. However, the same medium of language must be used throughout.
  - There shall be negative marking for wrong answers in Written Test to the tune of 1/4<sup>th</sup> of marks allocated per question. The cutoff for qualifying the written test will be 50% marks of the average score of the top 05% of the candidates appearing in the written test. There will be a relaxation of 05% marks for candidates belonging to SC, ST and 10% for PwBD category.
  - Against one vacant post, 30 applications shall be shortlisted on merit basis for the interview. For more than one post, additional 10 applications shall be shortlisted for each remaining advertised post. (For e.g. for one post, 30 applications; for two post, 40 applications; for three post, 50 applications and so on). The candidates securing same marks as cut-off would be short-listed for interview in case of bunching.

### III. Scheme of Examination for which assessment will be based on written test and skill test.

#### 1. JUNIOR ENGINEER (Civil/Electrical) (Post Code: ND0601)

#### Scheme of Examination for Direct Recruitment to the post of Junior Engineer (Civil)

The following shall be the scheme of Examination, components of written test and its syllabus etc. for recruitment to the post of **Junior Engineer (Civil)** by the direct recruitment:

##### A. Scheme of the Examination:

<b>Written Test (MCQ based)</b> Test of subject matters relating to relevant to Civil Engineering Trades.	Time: 2 hours*	Max. marks allowed: 400 marks (100 questions)
<b>Skill Test</b> Skills pertaining to subject matter of the concerned post would be assessed through a skill test to be conducted by the University. The skill test may include descriptive/MCQ based questions in addition to Practical Test.	Time: As decided by the evaluators*	Max. marks Allowed: 100 marks  To qualify, the candidate should obtain 50 marks.  This will, however, be only qualifying in nature.

\*20 minutes per hour extra would be given to Visually Handicapped, Cerebral Palsy candidates or similarly placed candidates from PwBD category.

**Syllabus for the written test will include areas concerning Civil Engineering. Some of the areas to be included are follows:**

- Surveying**
- Construction materials & Practice**
- Engineering Mechanics and Strength of materials**



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4. **Hydraulics**
5. **Quantity Surveying**
6. **Design of Structures (RCC and Steel)**
7. **Irrigation Engineering**
8. **Environmental Engineering**
9. **Transportation Engineering**

**Note:**

1. The question paper shall be bilingual and the applicant will have the option to respond either in English or Hindi. However, the same medium of language must be used throughout.
2. There shall be negative marking for wrong answers in Written Test to the tune of 1/4<sup>th</sup> of marks allocated per question. The cutoff for qualifying the written test will be 50% marks of the average score of the top 05% of the candidates appearing in the written test. There will be a relaxation of 05% marks for candidates belonging to SC, ST and 10% for PwBD category.
3. If the number of candidates qualifying the Written Test is more than 30 times the advertised posts, then merit list would be restricted to 30 times the advertised posts for the purpose of short-listing the candidates for skill test. The candidates securing same marks as cut-off would be short-listed for skill test in case of bunching.
4. Merit list shall be drawn only for candidates who qualify Written Test and skill test, if any, separately.
5. In case of bunching/bracketing of candidates in the results of the written test, the priority/merit list would be decided as follows for the purpose of appointment:
  - a) The candidate having more marks in aggregate in the examination/degree/diploma which is defined as the minimum eligibility for the respective post will be given preference.
  - b) In case of further bunching/bracketing of candidates, candidate senior in age will be given preference.
  - c) In case option at (a) and (b) is exhausted, it will be decided through draw of lots.

## **Scheme of Examination for Direct Recruitment to the post of Junior Engineer (Electrical)**

The following shall be the scheme of Examination, components of written test and its syllabus etc. for recruitment to the post of **Junior Engineer (Electrical)** by the direct recruitment:

### **A. Scheme of the Examination**

<b>Written Test (MCQ based)</b> Test of subject matters relating to relevant to Electrical Engineering Trades.	Time: 2 hours*	Max. marks allowed: 400 marks (100 questions)
<b>Skill Test</b> Skills pertaining to subject matter of the concerned post would be assessed through a skill test to be conducted by the University. The skill test may include descriptive/MCQ based questions in addition to Practical Test.	Time: As decided by the evaluators*	Max. marks Allowed: 100 marks  To qualify, the candidate should obtain 50 marks.  This will, however, be only qualifying in nature.



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\*20 minutes per hour extra would be given to Visually Handicapped, Cerebral Palsy candidates or similarly placed candidates from PwBD category.

**Syllabus for the written test will include areas concerning Electrical Engineering. Some of the areas to be included are follows:**

- 1. Electrical Circuits**
- 2. Electrical Measurements**
- 3. Control Systems**
- 4. Analog and digital electronics**
- 5. Electrical Machines**
- 6. Power Systems**
- 7. Utilization**
- 8. Power Electronics and Drives**

**Note:**

1. The question paper shall be bilingual and the applicant will have the option to respond either in English or Hindi. However, the same medium of language must be used throughout.
2. There shall be negative marking for wrong answers in Written Test to the tune of  $1/4^{\text{th}}$  of marks allocated per question. The cutoff for qualifying the written test will be 50% marks of the average score of the top 05% of the candidates appearing in the written test. There will be a relaxation of 05% marks for candidates belonging to SC, ST and 10% for PwBD category.
3. If the number of candidates qualifying the Written Test is more than 30 times the advertised posts, then merit list would be restricted to 30 times the advertised posts for the purpose of short-listing the candidates for skill test. The candidates securing same marks as cut-off would be short-listed for skill test in case of bunching.
4. Merit list shall be drawn only for candidates who qualify Written Test and skill test, if any, separately.
5. In case of bunching/bracketing of candidates in the results of the written test, the priority/merit list would be decided as follows for the purpose of appointment:
  - a) The candidate having more marks in aggregate in the examination/degree/diploma which is defined as the minimum eligibility for the respective post will be given preference.
  - b) In case of further bunching/bracketing of candidates, candidate senior in age will be given preference.
  - c) In case option at (a) and (b) is exhausted, it will be decided through draw of lots.