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University of Delhi

Ref. No.: R&P/047/2018/RR(NTS)2024/025

Dated: 29.05.2024

NOTIFICATION

Subject: Recruitment Rules and Scheme of Examination for Engineering, Technical Cadre pertaining to Computer Centre and Technical Officer of the University of Delhi.

The Recruitment Rules and Scheme of Examination for Engineering, Technical Cadre pertaining to Computer Centre and Technical Officer of the University of Delhi as approved by the Competent Authority are notified herewith for the information of all the stakeholders.

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Assistant Registrar (Recruitment)

Copy to:

1. Joint Registrar (Establishment-Non-Teaching)
2. Deputy Registrar (Colleges)
3. Director, Delhi University Computer Centre for uploading on the website.
4. Guard File.

Chaudhary
29/05/24
Section Officer
(Recruitment & Promotion Branch)
[Signature]



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1.	Name of Post	Chief Engineer (erstwhile University Engineer)
2.	No. of Posts	01
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Level 14
5.	Whether Selection Post or Non-Selection Post	Not Applicable
6.	Age limit for Direct Recruits	57 years.
7.	Educational and other qualifications required for direct recruits	<p>Essential Qualifications:</p> <ol style="list-style-type: none">1. Graduate in Civil/Electrical Engineering from a recognized Institute/University, possessing good working knowledge of Electrical/Civil Engineering.2. At least 15 years of experience in the works related to Civil/Electrical Engineering with administrative experience in a responsible position in a government organization or University/Research Institution of Higher Learning/reputed Public Sector Undertaking, out of which 03 years should be in a post carrying pay scale of Level 13 or 08 years in a post of Level 12 or equivalent.3. Well conversant with contract law and C.P.W. D./P.W.D. accounting procedure. <p>Desirable Qualifications:</p> <ol style="list-style-type: none">1. Experience in R.C.C. design, cost estimation and in designing, constructing and maintaining buildings, roads and utility services like water supply, sanitary, gas and electric installations and sewage system, planning, architecture, urban designing, management, supervision/construction of multi-storied buildings, lecture theatres, laboratories, auditoria, residential quarters, roads, water supply, sanitary installations, electrical installations, air conditioning plants etc.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Not Applicable
9.	Period of probation (if, any)	Two years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	By Direct Recruitment/Deputation.
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	<p>Deputation:</p> <p>Persons from C.P.W.D. or P.W.D. or Central Public Sector Undertakings engaged in construction activities and working in an analogous post or lower grade and fulfilling the essential qualifications prescribed for Direct Recruitment at Sr. No. 7 above.</p>
12.	Composition of DPC or Selection Committee	As per Appendix-I of Recruitment Rules.



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1.	Name of Post	Executive Engineer (Civil)
2.	No. of Posts	02
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 11
5.	Whether Selection Post or Non Selection Post	Selection
6.	Age limit for Direct Recruits	45 years
7.	Educational and other qualifications required for direct recruits	Essential Qualifications: 1. First Class Bachelor's Degree in Civil Engineering from a recognized Institute/ University or equivalent. 2. 08 years of experience as Assistant Engineer in the relevant field from CPWD/State Government PWD services or similar organized services/Semi Government/ PSU/ Statutory or Autonomous organization/ University System or reputed private organizations with an annual turnover of at least Rs.200/- Crores or more Desirable Qualifications: 1. Experience in construction of projects of multi-storey buildings and have experience in planning/estimation/measurement/tendering as per the CPWD/ PWD norms. Good knowledge of CPWD manuals, preparations/checking of estimates, drawings, structural details, bill of quantities, substitute/deviation items statements and other associated issues related with building and constructions. 2. Knowledge of Computer Aided Design (CAD) and latest Management Technology/other relevant software.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	By promotion failing which deputation/direct recruitment
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	Promotion: Assistant Engineer having degree or equivalent in relevant branch of engineering with 08 years of regular services in the pay level 7 based on Seniority-cum-fitness from Assistant Engineers subject to fulfilment of academic qualification mentioned at Column 7.



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		Deputation: Officers holding analogous post or one level below category with 3 years' experience, in the CPWD/ State Government PWD services or similar organized services/ Semi Government/ PSU/ Statutory or Autonomous Organisation/ University System.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	Executive Engineer (Electrical)
2.	No. of Posts	01
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 11
5.	Whether Selection Post or Non Selection Post	Selection
6.	Age limit for Direct Recruits	45 years
7.	Educational and other qualifications required for direct recruits	Essential Qualifications: 1. First Class Bachelor's Degree in Electrical Engineering from a recognized Institute/ University or equivalent. 2. 08 years of experience as Assistant Engineer in the relevant field from CPWD/State Government PWD services or similar organized services/Semi Government/ PSU/ Statutory or Autonomous organization/ University System or reputed private organizations with an annual turnover of at least Rs.200/- Crores or more Desirable Qualifications for Electrical: 1. Experience in construction / maintenance of sub-stations/ multi-storey buildings, distribution system and have experience in planning /estimation / tendering as per the CPWD/ PWD norms. Good knowledge of CPWD manuals, preparations/checking of estimates, drawings, bill of quantities, substitute/deviation items statements and other associated issues related with electrical installations.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	By promotion failing which deputation/direct recruitment
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	Promotion: Assistant Engineer having degree or equivalent in relevant branch of engineering with 08 years of regular services in the pay level 7 based on Seniority-cum-fitness from Assistant Engineers subject to fulfilment of academic qualification mentioned at Column 7. Deputation: Officers holding analogous post or one level below category with 3 years' experience, in the CPWD/ State Government PWD services or



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		similar organized services/ Semi Government/ PSU/ Statutory or Autonomous Organisation/ University System.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	Assistant Engineer (Civil & Electrical)
2.	No. of Posts	08 (Civil-05, Electrical-03)
3.	Classification	Group B
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 7
5.	Whether Selection Post or Non Selection Post	Selection
6.	Age limit for Direct Recruits	35 years
7.	Educational and other qualifications required for direct recruits	Essential Qualifications: 1. First Class Bachelor's Degree in relevant field from a recognised Institute/ University or equivalent. 2. Three years' experience in the relevant field as Junior Engineer or Equivalent in State Government PWD services or similar organized services/ Statutory or Autonomous organization/ University System or reputed private organizations with an annual turnover of at least Rs.200/- Crores or more.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two Years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	50% by Direct recruitment 50% by Promotion. NOTE: Wherever there is only one sanctioned post selection will be made by direct recruitment.
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	Promotion: Five years of regular service as Junior Engineer having degree in a relevant branch of engineering and technology; or 08 years of regular service having diploma in engineering. Deputation: Officers holding analogous post or one level category with 3 years' experience, in the CPWD/ State Government PWD services or similar organized services/ Semi Government/ PSU/Statutory or Autonomous Organisation/ University System.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	Junior Engineer (Civil & Electrical)
2.	No. of Posts	21 (13 Civil + 8 Electrical) 01 post of erstwhile Draftsman Grade I rationalized here.
3.	Classification	Group B
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 6
5.	Whether Selection Post or Non Selection Post	Not Applicable
6.	Age limit for Direct Recruits	35 years
7.	Educational and other qualifications required for direct recruits	Essential Qualifications: Bachelor's Degree of Engineering/Technology in relevant field from a recognised Institute/ University with one year relevant experience OR Diploma in Engineering in the relevant field and three years' experience in relevant field in CPWD / State PWD or Similar Organised Services /Statutory or Autonomous Organisations / Central / State Universities /Autonomous Institutions or reputed Private construction company with an annual turnover of at least Rs.200/- Crores or more.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two Years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	25% by Promotion. 75% by Direct Recruitment
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	Promotion: Among the Works Assistants (Civil/Electrical)/ Electrician with at least 5 years of regular service in the University and having relevant academic qualification as stated at S. No. 7 above. The candidate should have undergone one week of job specific training/skill enhancement program conducted by a College/University.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	Senior System Programmer (erstwhile Senior System Programmer/ Senior System Analyst/ Senior System Manager/Senior Programmer)
2.	No. of Posts	09
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 12
5.	Whether Selection Post or Non Selection Post	Not Applicable
6.	Age limit for Direct Recruits	50 years
7.	Educational and other qualifications required for direct recruits	Essential Qualification: B.E./ B. Tech in Computer Science/Computer Engineering/ Computer Technology/ Information Technology/ Data Science/Artificial Intelligence (AI)/ Electronics/ Electrical/ Electronics & Communications with at least 55% marks and 09 years of experience of extensive programming and System Management from a recognized Public/PUS/Private Organization at Pay Level 10 or equivalent at commercial organization of repute. OR M.Sc. (Computer Science) /MCA/M.Tech. (Computer Science & Engineering)/ Computer Technology/ Information Technology/ Data Science/Artificial Intelligence (AI) with 55% of marks and 08 years' experience of extensive programming and System Management from a recognized Public/PUS/Private Organization at Pay Level 10 or equivalent at commercial organization of repute.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two Year
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	25% by Promotion 75% by Direct Recruitment failing which by Deputation
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ absorption to be made	Promotion: From amongst Programmer(s) having an experience of 10 years in the University and meeting essential educational qualifications as stated at S. No. 7. The candidate should have undergone one week of job specific training/skill enhancement program conducted by a College/University. Deputation:



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		<p>An Officer of Central Government, State Government, Union Territories, Autonomous/Statutory Organizations, PSUs, Universities or recognized Research Institutions holding the analogous post and pay in parent cadre of department.</p> <p>OR</p> <p>Having five years of experience in the above mentioned organization in Pay Level 10/11 or equivalent on regular basis in parent cadre or department.</p>
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	System Programmer (erstwhile Programmer/System Analyst/ System Programmer)
2.	No. of Posts	11
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 10
5.	Whether Selection Post or Non Selection Post	Not Applicable
6.	Age limit for Direct Recruits	40 years
7.	Educational and other qualifications required for direct recruits	Essential Qualification: 1. B.E./ B. Tech in Computer Science/Computer Engineering/ Computer Technology/ Information Technology/Data Science/Artificial Intelligence (AI)/Electronics/ Electrical/ Electronics& Communications. 2. 05 years' experience in Programming/database management/Network administration or related experience in a research/educational institute or commercial/service industry establishment of repute. OR 1. M.E./ M. Tech. in Computer Science/Computer Engineering/ Computer Technology/ Information Technology/Data Science/Artificial Intelligence (AI)/Electronics/ Electrical/ Electronics& Communications/MCA. 2. 03 years' experience in Programming/database management/Network administration or related experience in a research/educational institute or commercial/service industry establishment of repute.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two Years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	50% by Promotion. 50% by Direct Recruitment failing which by Deputation.
11.	In case of recruitment by promotion/deputation/absorption, grades from which promotion/deputation/absorption to be made	Promotion: From amongst Senior Technical Assistant (Computers) having an experience of 05 years in the University and meeting essential educational qualification as stated at S.No.7. Relevance of stream/discipline shall be decided



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		by the relevant committee assessing the promotion. The candidate should have undergone one week of job specific training/skill enhancement program conducted by a College/University.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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1.	Name of Post	Technical Officer
2.	No. of Posts	19
3.	Classification	Group A
4.	Scale of Pay/Pay Band/Grade Pay	Pay Level 10
5.	Whether Selection Post or Non Selection Post	Not Applicable
6.	Age limit for Direct Recruits	40 years
7.	Educational and other qualifications required for direct recruits	Essential Qualification: 1. Master's Degree with 55% marks in the relevant subject. from a recognized Institute/ University or equivalent. *(Table is appended) 2. 05 years' relevant experience. Or Researchers having 05 years' experience of operation/maintenance of Sophisticated scientific Instruments in the Laboratory at Post Doctoral Level will also be eligible. The experience should be in the University/Research establishment/Central/State Govt./PSU and other autonomous bodies or Private Organization of repute.
8.	Whether Age and educational qualifications prescribed for direct recruits will apply in the case of promotions	Age: No Educational Qualification: as in Column 7
9.	Period of probation (if, any)	Two years
10.	Method of Recruitment, whether by direct recruitment or by promotion or by deputation/absorption and percentage of the post to be filled by various methods.	The appended table is to be referred
11.	In case of recruitment by promotion/ deputation/absorption, grades from which promotion/deputation/ Absorption to be made	Promotion (As indicated in appended table) i) Amongst the Senior Technical Assistant with at least 05 years of regular service in the cadre in the concerned department and possessing the Bachelor/or any higher qualification in Science Stream/Engineering. ii) The candidate should have undergone one week of job specific training/skill enhancement program conducted by a University/College.
12.	Composition of DPC or Selection Committee	As per Appendix I of Recruitment Rules.



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(*) Distribution of posts are given below:

Department	No. of Posts	Mode of Recruitment	Essential Qualification for Direct Recruitment
Physics	02	01 Post Direct 01 Post Promotion	M.Sc (Physics with Electronics)/B.Tech. (Electronics/Electricals/Mechanical)
Chemistry	02	01 Post Direct 01 Post Promotion	M.Sc (Chemistry)/B.Tech. (Chemical Engineering)
Geology	01	01 Post Promotion	M.Sc (Geology)/B.Tech. (Geoscience/ Geophysics)
Zoology	02	01 Post Direct 01 Post Promotion	M.Sc (Zoology/Biomedical Sciences/ PMB)
Botany	02	01 Post Direct 01 Post Promotion	M.Sc (Botany/Biomedical Sciences/ PMB)
Anthropology	01	01 Post Promotion	M.Sc (Anthropology/Forensic Science/ Environmental Science/Chemistry)
Linguistics	01	01 Post Direct	M.A. (Hindi/Sanskrit/Linguistic)/M.Ed.
PMB	02	01 Post Direct 01 Post Promotion	M.Sc (PMB/Zoology/Botany/ Biomedical Sciences)
Electronics Science	01	01 Post Promotion	M.Sc (Physics with Electronics)/B.Tech. (Electronics/Electricals/Mechanical)
International Relations/Placement Cell/Admission Branch/IPR/IQAC	03	03 Post Direct	M.A. (in Social Science/Humanities)/ M.Ed./MBA
USIC	02	01 Post Direct 01 Post Promotion	M.Sc (Physics with Electronics/ Chemistry)/B.Tech. (Electronics/ Electricals/Mechanical)
Total	19	10 - Direct 09 - Promotion	



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Scheme of Examination:

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:

Written Test (MCQ based) Test of subject matters relating to relevant to Civil Engineering Trades.	Time: 2 hours*	Max. marks allowed: 400 marks (100 questions)
Skill Test 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:

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:

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.



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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.



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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

Written Test (MCQ based) Test of subject matters relating to relevant to Electrical Engineering Trades.	Time: 2 hours*	Max. marks allowed: 400 marks (100 questions)
Skill Test 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 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.



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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.



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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:

Written Test (MCQ based) 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.
Interview		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:

1. 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.
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.



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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:

Written Test (MCQ based) 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.
Interview		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 / interview of the candidates by the Selection Committee as these shall be used only for screening / shortlisting purposes.
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.



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Scheme of Examination for Direct Recruitment to the post of System Programmer

The following shall be the scheme of Examination for recruitment to the post of System Programmer by the direct recruitment:

(a) Scheme of Examination:

Written Test 100 Multiple Choice Questions (MCQ) (4 Marks each)	Total Marks: 400 (100 question x 4) Duration: 2 Hours*	Shortlisting for interview shall be based on the written test.
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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.

(b) Syllabus for the written Test:

- 30 Questions** from Concepts, Practices, Rules and Regulations pertaining to the University. (Reference: University Act, Statutes, Ordinances, Regulations, etc, uploaded on University website also).
- 70 Questions** from the domain knowledge and knowledge concerning programming, data base management, cloud computing, network administration, cyber security and related matters concerning ICT Technologies, upto the Graduate standards.

Note:

- The appointment for the post of System Programmer 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.
- 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 $1/4^{\text{th}}$ 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. 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.



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Scheme of Examination for Direct Recruitment to the post of Technical Officer

The following shall be the scheme of Examination, components of written test and its syllabus etc. for recruitment to the post of Technical Officer by the direct recruitment:

(a) Scheme of Examination:

Written Test: Paper - I (Applicable to all the Departments / Centres)		
50 Multiple Choice Questions (MCQ) (4 Marks each)	Total Marks: 200 (50 question x 4)	Duration: 1 Hour*

Written Test: Paper - II (Department / Centre Specific)		
50 Multiple Choice Questions (MCQ) (4 Marks each)	Total Marks: 200 (50 question x 4)	Duration: 1 Hour*

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

(b) Syllabus for the Examination:

Paper - I (Applicable to all the Departments / Centres)

- 30 Questions** from Concepts, Practices, Rules and Regulations pertaining to the University. (Reference: University Act, Statutes, Ordinances, Regulations etc, uploaded on University website also)
- 20 Questions** from logical reasoning, mathematical aptitude

Paper - II (Department / Centre Specific)

- 50 Questions** from the domain knowledge viz. concepts, operation, maintenance, experimentation, GFR functioning / policies etc., as applicable to the specific Department / Centre of the University.

Note:

- The appointment for the post of Technical Officer 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.
- 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 $\frac{1}{4}$ 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. There will be a relaxation of 05% marks for candidates belonging to SC, ST and 10% for PwBD category.



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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.
