



Ref. No. NIDH/GA/18/01/12/22-23/4916

Dated: 12-11-2022

NOTICE

SUBJECT: CONDUCT OF WRITTEN TEST FOR SELECTION OF CANDIDATE IN POST OF ASSISTANT ENGINEER(CIVIL) DEPUTY ENGINEER(ELECTRICAL), HEAD SECURITY SERVICES AND WARDEN(MALE/FEMALE)

A. The following candidates are provisionally shortlisted for participating in the selection process for the posts of Assistant Engineer (Civil).

Assistant Engineer (Civil)

Sr. No	Form No.	Name of the candidate	Mode of Recruitment	Remarks
1.	01	Mr. Deepak Kumar S/O Sh. Binod Kumar	Contract	NIL
2.	03	Mr. Ashish Kumar S/O Sh. Shiv Nandan Prasad	Contract	NIL
3.	04	Mr. Manish Kumar S/O Sh. Om Parkash	Contract	NIL
4.	05	Mr. Sunny Kumar S/O Sh. Multan Singh	Contract	NIL
5.	08	Mr. Harsh Deep Prasad S/O Sh. Jay Kumar Prasad	Contract	NIL
6.	09	Mr. Anubhav Sharma S/O Sh. Shyam Sunder Sharma	Contract	NIL
7.	10	Mr. Sumit Singh S/O Sh. Rajpal	Contract	NIL
8.	12	Mr. Ravinder Singh S/O Sh. Rammehar Singh	Deputation	Subject to production of NOC and VCC at the time of written test
9.	14	Mr. Deepak Rathi S/O Sh. Jaipal Singh	Deputation	Subject to production of NOC and VCC at the time of written test
10.	15	Mr. Akshay S/O Sh. Jaibir Singh	Contract	NIL
11.	17	Mr. Amit Kumar S/O Sh. Jaswant	Contract	NIL
12.	18	Mr. Sandeep Kumar Sh. Karamvir	Contract	NIL
13.	19	Mr. Anirudh S/O Sh. Ashwani Kumar	Contract	NIL
14.	20	Mr. Chirag Taneja S/O Sh. Yashpal Taneja	Contract	NIL
15.	22	Mr. Ashok Kumar S/O Sh. Chander Bhan	Contract	NIL
16.	24	Mr. Dinesh Rathor S/O Sh. Shamsher Singh Rathor	Contract	NIL



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B. The following candidates are provisionally shortlisted for participating in the selection process for the posts of Deputy Engineer (Electrical).

Deputy Engineer (Electrical)

Sr. No	Form No.	Name of the candidate	Mode of Recruitment	Remarks
1.	01	Mr. Sumit Kumar S/O Sh. Sumer Chand Batan	Contract	NIL
2.	03	Mr. Sumit Kumar S/O Sh. Subhash Chand	Contract	NIL
3.	04	Mr. Saurav Jain S/O Sh. Virendra Kumar Jain	Contract	NIL
4.	05	Mr. Ishan Dogra S/O Sh. N.N. Dogra	Contract	NIL
5.	08	Mr. Gaurav Tyagi S/O Sh. V.K. Tyagi	Contract	NIL

The above candidates are requested to note the syllabus and pattern of written test as detailed below: -

Post	Syllabus
Assistant Engineer (Civil)	<p>Part:1(MCQ-20 Questions) General English, Verbal and Non Verbal Reasoning, General Studies & Current Affairs, Application of Computer Software like MS- Word, Excel, Power Point etc. used in day-to-day office work, Internet, e-mail and various online tools used in day-to-day office work.</p> <p>Part: 2(MCQ-60 Question as per below mentioned domain knowledge and situational Descriptive/subjective questions as per job profile -5 Questions) Latest surveying and levelling equipment and techniques, Building bye laws. Specifications for roads, Estimation of water demand, drinking water Standards, Planning and design of domestic waste water, sewage collection and disposal, Plumbing System. Components and layout of sewerage system, STP, WTP and ETPs including institutional sewage management. Reinforced concrete and steel design, Testing of</p>



	<p>concrete for fresh and hardened properties, Basics of concrete mix design, Maintenance of institutional buildings and roads. Basic concepts of bending moment and shear force, Simple stress and strain, Simple bending theory, Flexural and shear stresses. Origin of soils, Soil classification, Three-phase system, Fundamental definitions, Relationship and interrelationships, Permeability & seepage, Consolidation, Compaction, Shear strength. Sub-surface investigations- penetration tests, plate load tests, Foundation types-foundation design requirements, Shallow foundations-bearing capacity, effect of water table and other factors, stress distribution, settlement analysis in sands and clays. Introduction to brick masonry, Stone masonry, Walls, Damp proofing, Arches and lintels, Doors and windows, Stairs and staircases, Plastering and pointing, White washing, Distemping and painting, Scaffolding. Basics of Auto cadd-2D/3D and other drawing and design software.</p> <p>Planning, Execution and Management of all Civil facilities and installation of institute buildings/Campus</p> <p>Analysis rates, Estimating of quantities of materials, Specifications (DSR, HSR etc.), Measurement of work methods, Project estimate and public works accounts, Contracts and measurement book, Knowledge of e-tendering for construction and maintenance activities, Arbitration and valuation, Quality assurance/quality control, Health and safety measures, Capacity building, PERT and CPM, Construction equipment and machinery, knowledge of relevant General Financial Rules(GFR), GeM, CPPP, CPWD Practices, Specification, procedures and RTI Act.</p> <p>Questions related to decision making abilities</p>
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Deputy Engineer(Electrical)	<p>Part:1(MCQ-20 Questions) General English, Verbal and Non Verbal Reasoning, General Studies & Current Affairs, Application of Computer Software like MS- Word, Excel, Power Point etc. used in day-to-day office work, Internet, e-mail and various online tools used in day-to-day office work.</p> <p>Part: 2(MCQ-60 Question as per below mentioned domain knowledge and situational Descriptive/subjective questions as per job profile -5 Questions) Basic concepts: Concepts of resistance, inductance, capacitance, and various factors affecting them. Concepts of current, voltage, power, energy and their units. Circuit law: Kirchhoff's law, Simple Circuit solution using network theorems. Magnetic Circuit: Concepts of flux, mmf, reluctance, Different kinds of magnetic materials, Magnetic calculations for conductors of different configuration e.g. straight, circular, solenoidal, etc. Electromagnetic induction, self and mutual induction. AC Fundamentals: Instantaneous, peak, R.M.S. and average values of alternating waves, Representation of sinusoidal wave form, simple series and parallel AC Circuits consisting of R.L. and C, Resonance, Tank Circuit. Poly Phase system – star and delta connection, 3 phase power, DC and sinusoidal response of R-Land R-C circuit. Measurement and measuring instruments: Measurement of power (1 phase and 3 phase, both active and re-active) and energy, 2 wattmeter method of 3 phase power measurement. Measurement of frequency and phase angle. Ammeter and voltmeter (both moving oil and moving iron type), extension of range wattmeter, Multimeters, Megger, Energy meter AC Bridges. Use of CRO, Signal Generator, CT, PT and their uses. Earth Fault detection.</p>
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	<p>Electrical Machines: (a) D.C. Machine – Construction, Basic Principles of D.C. motors and generators, their characteristics, speed control and starting of D.C. Motors. Method of braking motor, Losses and efficiency of D.C. Machines. (b) 1 phase and 3 phase transformers – Construction, Principles of operation, equivalent circuit, voltage regulation, O.C. and S.C. Tests, Losses and efficiency. Effect of voltage, frequency and wave form on losses. Parallel operation of 1 phase /3 phase transformers. Auto transformers. (c) 3 phase induction motors, rotating magnetic field, principle of operation, equivalent circuit, torque-speed characteristics, starting and speed control of 3 phase induction motors. Methods of braking, effect of voltage and frequency variation on torque speed characteristics.</p> <p>Fractional Kilowatt Motors and Single Phase Induction Motors: Characteristics and applications.</p> <p>Synchronous Machines - Generation of 3-phase e.m.f. armature reaction, voltage regulation, parallel operation of two alternators, synchronizing, control of active and reactive power. Starting and applications of synchronous motors.</p> <p>Generation, Transmission and Distribution – Different types of power stations, Load factor, diversity factor, demand factor, cost of generation, inter-connection of power stations. Power factor improvement, various types of tariffs, types of faults, short circuit current for symmetrical faults.</p> <p>Switchgears – rating of circuit breakers, Principles of arc extinction by oil and air, H.R.C. Fuses, Protection against earth leakage / over current, etc. Buchholtz relay, Merz-Price system of protection of generators & transformers, protection of feeders and bus bars. Lightning arresters, various transmission and distribution system, comparison of conductor materials, efficiency of different system. Cable – Different type of cables, cable rating and derating factor.</p>
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Signature
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	<p>Estimation and costing: Estimation of lighting scheme, electric installation of machines and relevant IE rules. Earthing practices and IE Rules.</p> <p>Utilization of Electrical Energy: Illumination, Electric heating, Electric welding, Electroplating, Electric drives and motors.</p> <p>Knowledge of Fire Fighting, Alarm, Pumps, HVACs AHUs etc.</p> <p>Planning, Execution and Management of all Electro-Mechanical installation of institute buildings/Campus</p> <p>Analysis rates, Estimating of quantities of materials, Specifications (DSR, HSR etc.), Measurement of work methods, Project estimate and public works accounts, Contracts and measurement book, Knowledge of e-tendering for installation, erection and maintenance activities, Arbitration and valuation, Quality assurance/quality control, Health and safety measures, Capacity building, PERT and CPM, Electro-Mechanical equipment and machinery, knowledge of relevant General Financial Rules(GFR), GeM, CPPP, CPWD Practices, Specification, procedures and RTI Act.</p> <p>Questions related to decision making abilities</p>
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C. The following candidates are provisionally shortlisted for participating in the selection process for the posts of Head Security Services.

Head Security Services

Sr. No	Name of the candidate	Mode of Recruitment	Remarks
1.	Mr. Akhilesh Kumar	Direct	NIL
2.	Mr. Sukhvir Singh	Direct	NIL
3.	Mr. Manoj Kumar Dhanger	Direct	NIL
4.	Mr. Rajesh	Direct	NIL
5.	Mr. Varun Kumar	Direct	NIL
6.	Mr. Sanjay Kadian	Direct	NIL

एन आई डी हरियाणा, राष्ट्रीय राजमार्ग 44, ग्राम उमरी, कुरुक्षेत्र, हरियाणा - 136131, भारत

NID Haryana, National Highway 44, Village Umari, Kurukshetra, Haryana - 136131 India

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7.	Mr. Sunny Kumar	Direct	NIL
8.	Mr. Gaurav Malik	Direct	NIL
9.	Mr. Tarsem Kumar	Direct	NIL
10.	Mr. Mukesh Kumar Singh	Direct	NIL
11.	Mr. Kamal Yadav	Direct	NIL
12.	Mr. Pankaj Kumar Singh	Direct	NIL
13.	Mr. Yogesh Kumar	Direct	NIL
14.	Mr. Devendra Kumar Joshi	Direct	NIL
15.	Mr. Anoop	Direct	NIL
16.	Mr. Sunil Kumar	Direct	NIL
17.	Mr. Sumit Kumar	Direct	NIL
18.	Mr. Gurpreet Saini	Direct	NIL
19.	Mr. Neeraj Tanwar	Direct	NIL
20.	Mr. Amit Munjal	Direct	NIL
21.	Mr. Kapil Kumar	Direct	NIL
22.	Mr. Pankaj Kumar	Direct	NIL
23.	Mr. Satish Kumar	Direct	NIL
24.	Mr. Rughnath Singh	Direct	NIL
25.	Mr. Rajendra Kumar	Direct	NIL
26.	Mr. Jitender Narwal	Direct	NIL
27.	Mr. Chandan Singh	Direct	NIL
28.	Mr. Sarath S. Nair	Direct	NIL
29.	Mr. Atul Gopichand Whatkar	Direct	NIL
30.	Mr. Sagar Saxena	Direct	NIL
31.	Mr. Anoop Siroha	Direct	NIL
32.	Mr. Dilshad Ahemad	Direct	NIL
33.	Mr. Anil Yadav	Direct	NIL
34.	Mr. Akhilesh Kumar	Direct	NIL
35.	Mr. Rahul Dubeydi	Direct	NIL
36.	Mr. Ali Akbar Siddiquie	Direct	NIL
37.	Mr. Lowlys Kumar	Direct	NIL
38.	Mr. Ajeet Kumar	Direct	NIL
39.	Mr. Prakash Kumar Jha	Direct	NIL
40.	Mr. Ramesh Guduru	Direct	NIL
41.	Mr. Atul Khirwar	Direct	NIL
42.	Mr. Shongthu Songkhuplian Aimol	Direct	NIL
43.	Mr. Jai Kumar	Direct	NIL
44.	Mr. Amandeep Singh	Direct	NIL
45.	Mr. Beer Brat Dhari Shukla	Direct	NIL
46.	Mr. Rakesh battari	Direct	NIL
47.	Mr. Pawan Kumar	Direct	NIL
48.	Mr. Ravi Pratap Chauhan	Direct	NIL
49.	Mr. Manoj Singh gusain	Direct	NIL
50.	Mr. Kulvir Singh	Direct	NIL
51.	Mr. Pankaj Hallu	Direct	NIL
52.	Mr. Shyam Kumar	Direct	NIL

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53.	Mr. Santosh Kumar Srivastaw	Direct	NIL
54.	Mr. Ashok Baraskar	Direct	NIL
55.	Mr. Vivek Kumar Gupta	Direct	NIL
56.	Mr. Deepak Prasad	Direct	NIL
57.	Mr. Rajesh Kumar Saini	Direct	NIL
58.	Mr. Arun Mishra	Direct	NIL
59.	Mr. Anuj Kumar Singh	Direct	NIL
60.	Mr. Umesh Kumar Singh	Direct	NIL
61.	Mr. Shekhar Singh	Direct	NIL
62.	Mr. Vivek Kumar Singh	Direct	NIL
63.	Mr. Krishna Dev Singh	Direct	NIL
64.	Mr. Guru Gyan Prakash Singh	Direct	NIL
65.	Mr. Vijender Singh Khangarot	Direct	NIL
66.	Mr. Dipankar Sengupta	Direct	NIL

D. The following candidates are provisionally shortlisted for participating in the selection process for the posts of Warden (Male/Female).

Warden (Female)

Sr.No	Name of the candidate	Mode of Recruitment	Remarks
1.	Ms. Gurinder Kaur Dhamija	Direct	NIL
2.	Ms. Gurinder Kaur	Direct	NIL
3.	Ms. Gurvinder Kaur	Direct	NIL
4.	Ms. Sonia	Direct	NIL
5.	Ms. Chitra Kanwar	Direct	NIL
6.	Dr. Radhika Challa	Direct	NIL
7.	Ms. Pushpa Thakur	Direct	NIL
8.	Ms. Suchita Pathak	Direct	NIL
9.	Ms. Purnima Kumari	Direct	NIL

Warden (Male)

Sr.No	Name of the candidate	Mode of Recruitment	Remarks
1.	Mr. Rajat Gulia	Direct	NIL
2.	Mr. Sandeep Singh	Direct	NIL
3.	Mr. Tarwinder Singh	Direct	NIL
4.	Mr. Subash Chander Chhikara	Direct	NIL
5.	Mr. Anoop	Direct	NIL
6.	Mr. Pratap Singh	Direct	NIL
7.	Mr. ChittiPradhyumna Reddy	Direct	NIL
8.	Mr. Ramprasad Vishwakarma	Direct	NIL
9.	Mr. Sunitha Chandran	Direct	NIL
10.	Mr. Sunder Lal Saini	Direct	NIL
11.	Mr. Omprakash Sharma	Direct	NIL
12.	Mr. Ganeshkumar K	Direct	NIL



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13.	Mr. Ashish Kunjbihari Khare	Direct	NIL
14.	Mr. Indrajit Singh	Direct	NIL
15.	Mr. Deshraj Gurjar	Direct	NIL
16.	Mr. Shaileshkumar Bhulabhai Patel	Direct	NIL
17.	Mr. Pradeep	Direct	NIL
18.	Mr. Visheshwar Singh	Direct	NIL
19.	Mr. Dinesh Kumar Kumar	Direct	NIL
20.	Mr. Shaik Farook	Direct	NIL

The above candidates are requested to note the syllabus and pattern of written test as detailed below: -

Post	Syllabus
Head Security Services	<p>Part:1(MCQ-20 Questions)</p> <p>General English, General Hindi, Quantitative Aptitude, Verbal and Non Verbal Reasoning, General Studies & Current Affairs, Application of Computer Software like MS- Word, Excel, Power Point etc. used in day-to-day office work, Internet, e-mail and various online tools used in day-to-day office work.</p> <p>Part: 2(MCQ-60 Question as per below mentioned domain knowledge and situational Descriptive/subjective questions as per job profile - 5 Questions)</p> <p>Institute related security and safety matters, Protection against unauthorized removal/theft/sabotage, Mitigation or minimization capability of adversary, Adversary tactics, Security survey, targets/vital area identification, Security Assessment, monitoring & communication, personal access control, material access control, vehicle access control, access delay elements, response force measures and devices, Emergency & its management, fire/theft control management, security services/outsourcing services management and compliances of labour laws, RTI Act, Establishment and General Administration, Language proficiency in English and Hindi as relevant to job profile.</p>

एन आई डी हरियाणा, राष्ट्रीय राजमार्ग 44, ग्राम उमरी, कुरुक्षेत्र, हरियाणा - 136131, भारत

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	Guidelines (State/National level) related to safety and security in residential institute campus. Questions related to decision making abilities
Warden(Male/Female)	Part:1(MCQ-20 Questions) General English, General Hindi, Quantitative Aptitude, Verbal and Non Verbal Reasoning, General Studies & Current Affairs, Application of Computer Software like MS- Word, Excel, Power Point etc. used in day-to-day office work, Internet, e-mail and various online tools used in day-to-day office work. Part: 2(MCQ-60 Question as per below mentioned domain knowledge and situational Descriptive/subjective questions as per job profile - 5 Questions) Overall management and coordination for Boys/Girls Hostels, Institute Guest House. Observation of Hostel Rules and Regulations and instructions, Hostel Management, Students discipline affairs, Hostel and Guest House complaint management, Hostel Inventory and Security Management, Students interaction, anti-ragging Measures, Hostel Service management, Hostel Infrastructure management, Anti-narcotics drives for drugs/alcohol use in campus, physical and mental wellness of students, Dealing with parents, guardians and guests of students and related hostel matters etc. as relevant to the job profile of the post. Guidelines (State/National level) related to safety and security in Hostel building. Knowledge of FASSAI & Students affairs Questions related to decision making abilities

The Scheduled date, time and venue of the written test will be published shortly. All candidates are requested to visit the institute website regularly.



Recruitment Cell

Singh
12/1/22

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