

JHARKHAND URJA VIKAS NIGAM LIMITED

CIN: U40108JH2013SGC001603

Engineering Building, HEC, Dhurwa, Ranchi-834004

Fax No. 0651-2400799



Jharkhand Urja Vikas Nigam Limited has published five (05) different internal recruitment advertisements namely, Employment Notice No.- 01/2024, 02/2024, 03/2024, 04/2024 and 05/2024 for internal recruitment of eligible under employee employees of the Nigam and the subsidiary companies on various posts as per the advertisement. In these advertisements at the point no. 9 it is mentioned that the Selection Procedure adopted and the details thereof would be published vide a separate notice later on.

Accordingly, the Selection Procedure adopted for all these recruitments and its details are as follows:-

- The selection would be made on the basis of the marks scored by the candidates in the examination conducted.
- There shall be no interview for any of the posts and the final merit list/ selection list would be prepared on the basis of marks scored in the examination only.
- The total number of questions in the examination would be 100 with each question carrying 02 marks making the total marks of the examination as 200.
- The duration of the examination shall be 02 hours.
- There shall be no provision of negative marking.
- The minimum qualifying marks category wise as per the Government of Jharkhand rules are as follows:-

*	UR/EWS	-	40%
*	BC-II	-	36.5%
*	BC-I	-	34%
*	SC/ST/Females	-	32%
*	PTG	_	30%

The candidates who fail to score the minimum qualifying marks as per their category would not be considered for selection/appointment.

P.T.O.

or website

F/Appointment/Notice(E)2023

• There would be seven (07) different examinations in total as follows:-

Sl.No.	Advertisement No.	Name of Post	Qualification	No. of Exam	Syllabus
1	01/2024	Manager (Technical)	Degree in Electrical, Electronics and Telecommunication	1	Annexure-l
		(Technical)	Degree in Mechanical	1	Annexure-II
2	02/2024	Manager (Civil)	Degree in Civil	1	Annexure-III
3	03 / 2024	Manager (F & A)	CA/ ICWA/ MBA in Finance	1	Annexure-IV
4	04/2024	Junior Manager	Diploma/ Degree in Electrical or Electronics	1	Annexure-V
		(Technical)	Diploma/ Degree in Mechanical	1	Annexure-VI
5	05 / 2024	Junior Manager (Civil)	Diploma/ Degree in Civil	1	Annexure-VII

Total 7 Exam.

- The syllabus of all these examinations are enclosed and numbered Annexures I to VII.
- The Schedule of all the above examination shall be communicated vide a separate notice later on.

EncliAs above

Sd/-

(Sunil Dutt Xaxa) GM (P&GA) **JUVNL**

07/03/2024

requested to get this notice published on the Nigam's Website.

2. One copy to be published at the Notice Board's of all the field offices and the Nigam HQ., Ranchi.

(Sunil Dutt Xaxa)

GM (P&GA) **JUVNL**

Syllabus of AEE (Gen) & AEE (GTo) with degree in. Electrical, Electronic and Tele Communication. 85 Annepure - I

Domain .	SI. No.	Poples
7.000.000.000	Charles St. Service	General Studies
	1	Current events/Scientific development
	2	Current events/Sports/Sport persons
	3	Current events/Capital and Currency
	4	Jharkhand History & Culture
	5	Jharkhand Industries
the second second	6	Indian Geography and Environment
	<u> </u>	Logical Reasoning
	1	
-	2	Place Imagination Relationship assumption
-	3	Arithmetical Logic
	4	Secret writing and secret explanation
	5	Problem solving
	·····	General English
	1	Reading Comprehension
Aptitude	2	Grammar/Sentence completion (Verbs)
Section I	3	Grammar/Sentence completion (Prepositions)
第二次第6 章	4	Synonyms and Antonyms
17.6	5	Grammar/Sentence completion(Articles)
		Basic Knowledge of Computers
	1	Input and Output devices
	2	Keyboard Shortcuts
	3	MS-Office
	4	E- Mail and Internet
	5	Latest trend in IT
		General Hindi
	1 ′	व्याकरण/सन्धि
	2	व्याकरण/समास
	3	व्याकरण/मुहावरे
	4	पर्यायवाची शब्द
	5	विलोम शब्द
	, 6	व्याकरण/वचन
The Control of Control	7	व्याकरण/लिंग
: Domain	≱SI∦No.	Topics
	1	Electrical & Electronics Measurements
	2	Electrical Circuits
	3	Electrical AC machines / DC machines
	4	Electrical Networks
	5	Electrical Power Generation
Electrical	6	Analog electronics / Digital electronics / Electrical Power Generation
Engineering	. 7	Power System Analysis & Protection
Section II	8	Industrial drives & Control
	9	Electronics & Solid State Devices
	10	Switchgear & Protection
	11	Transmission and Distribution
	12	Utilization of Electrical energy & Management
Domain :	4	Filopids
A MARKET SECRETAR AND ADMINISTRATION AND PROPERTY AND ADMINISTRATION OF PARTY AND ADMINISTRATION OF PARTY AND ADMINISTRATION AN	1	Analogue communication
Electronics &	2	Communication and Computer Networks
CAMMUNICALIA	L	Toommonound and Computer Metworks

e viimiumoativ	3	Radar, Television Engineering
n e e	4	Computer Hardware & Networking
Section III	5	Microprocessor & Micro Controller
Domain, L	SI. No.	
	1	Civil Engg/Surveying
	2	Civil Engg/Soil Mechanics
	3	Civil Engg/Hydraulics
	4	Civil Engg/Transportation Engineering
	5	Civil Engg/Environmental Engineering
General	6	Electrical Engg/Basic Concepts
Engineering	7	Electrical Engg/Circuit Law
Section IV	8	Electrical Engg/Magnetic Circuit
Sectionary	9	Electrical Engg/AC Fundamentals
	10	Mechanical Engg/Theory of Machines and Machine Design
	11	Mechanical Engg/Engineering Mechanics and Strength of Materials
	12	Mechanical Engg/Properties of Pure Substances
	13	Mechanical Engg/Fitting and Accessories
	14	Mechanical Engg/Classification of Steels
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Sy Mabus for AEE (0, To) for degree in Mechanical

Annepure-II

n Domain	SI. No.	liopies'
		General Studies
	1	Current events/Scientific development
	2	Current events/Sports/Sport persons
	3	Current events/Capital and Currency
	4	Jharkhand History & Culture
	5	Jharkhand Industries
	6	Indian Geography and Environment
		Logical Reasoning
	1	Place Imagination
	2	Relationship assumption
	3	Arithmetical Logic
	4	Secret writing and secret explanation
	5	Problem solving
		General English
	1	Reading Comprehension
Aptitude :	2	Grammar/Sentence completion (Verbs)
Section I	3	Grammar/Sentence completion (Prepositions)
	4	Synonyms and Antonyms
	5	Grammar/Sentence completion(Articles)
		Basic Knowledge of Computers
	1	Input and Output devices
	2	Keyboard Shortcuts
	3	MS-Office
	4	E- Mail and Internet
	5	Latest trend in IT
		General Hindi
	1	व्याकरण/सन्धि
	2	व्याकरण/समास्
	3	व्याकरण/मुहावरे
	4	पर्यायवाची शब्द
	5	विज्ञीम शहर

	/	व्याकरण/।लग
Domaili)	SI No.	ြုစ်စြန်နှာ
		Applied/Analytical Mechanics
	2	Manufacturing Process
	3	Strength of Materials
	4	Thermodynamics
	5	Fluid Mechanics
Medianteal	6	Heat Transfer
Section II	7	Theory of Machines
	8	Power Plant Engineering
	9	Machine Design
	10	Metrology and Instrumentation
	11	Vibration & Noise control

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	12	Stress Analysis
Domain		of Onics
A TOTAL PARTY	1	Electrical Circuits
	2	Electrical AC machines
	3	Electrical DC machines
	4	Electrical Power Generation
Electrical	5	Analog electronics
Engineering	6	Digital electronics
Section/III	7	Industrial drives & Control
	8	Power Electronics
	9	Switchgear & Protection
	10	Transmission and Distribution
Domain *	≨SI ∄No.≢	Topics
	1	Civil Engg/Surveying
	2	Civil Engg/Soil Mechanics
	3	Civil Engg/Hydraulics
	4	Civil Engg/Transportation Engineering
	5	Civil Engg/Environmental Engineering
General	6	Electrical Engg/Basic Concepts
Engineering	7	Electrical Engg/Circuit Law
Section IV	8	Electrical Engg/Magnetic Circuit
	9	Electrical Engg/AC Fundamentals
	10	Mechanical Engg/Theory of Machines and Machine Design
	11	Mechanical Engg/Engineering Mechanics and Strongth of Mechanics
	12	McChanical Engg/Properties of Pure Substances
	13	Mechanical Engg/Fitting and Accessories
	14	Mechanical Engg/Classification of Steels

Sy Yudys for Assistant Engineer (CIVIL) Annepure - 111

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4		1	Current events/Scientific development
		2	Current events/Sports/Sport persons
		3	Current events/Capital and Currency
		4	Jharkhand History & Culture
		5	Jharkhand Industries
		6	Indian Geography and Environment
			Logical Reasoning
		-	Place Imagination
		1 2	Relationship assumption
		3	Arithmetical Logic
		4	Secret writing and secret explanation
		5	Problem solving -
		3	General English Control of the State of the
			Reading Comprehension
		1 2	Grammar/Sentence completion (Verbs)
	Aptitude	2	Grammar/Sentence completion (Verbs) Grammar/Sentence completion (Prepositions)
	Section I	3	Synonyms and Antonyms
		4	Grammar/Sentence completion(Articles)
		5	Basic Knowledge of Computers
		11	Input and Output devices
		2	Keyboard Shortcuts MS-Office
		3	E- Mail and Internet
		4	Latest trend in IT
		55	Catest trend in 11
		1	व्याकरण/सन्धि
		2	व्याकरण/समास
		3	व्याकरण/मुहावरे पर्यायवाची शब्द
		4	
		5	विलोम शब्द
		6	व्याकरण/वचन
		7	व्याकरण/लिंग
-	. Domain	Company of the Compan	De l'oples
		1	Engineering Drawing
		2	Building Material
		3	Strength of Material
		4	Basic of Hydraulics
		5	Concrete Technology
	CIVII .	6	Surveying
	Section	1 L/	Basics of Steel Design
2		O	Transpiration Engineering
ĺ	1 40	9	Estimating, coasting & Value
	- 2 (42 (44)	10	Basics of Irrigation Engg
		11	Basics of Environmental Engineering

	12	Basics of Soil Mechanics
	13	Basics of RCC Design
Domain .	SI. No.	Jioples
	1	Civil Engg/Surveying
	2	Civil Engg/Soil Mechanics
	3	Civil Engg/Hydraulics
	4	Civil Engg/Transportation Engineering
	5	Civil Engg/Environmental Engineering
	6	Electrical Engg/Basic Concepts
_General=	7	Electrical Engg/Circuit Law
Engineering)	8	Electrical Engg/Magnetic Circuit
Section III	9	Electrical Engg/AC Fundamentals
	10	Mechanical Engg/Theory of Machines and Machine Design
	11	Mechanical Engg/Engineering Mechanics and Strength of Materials
	12	Mechanical Engg/Properties of Pure Substances
	13	Mechanical Engg/Fitting and Accessories
	14	Mechanical Engg/Classification of Steels
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Domain .	SI, No.	roples
		General Studies
	1	Current events/Scientific development
		Current events/Sports/Sport persons
		Current events/Capital and Currency
		Jharkhand History & Culture
		Jharkhand Industries
	6	Indian Geography and Environment
		Logical Reasoning in the second
	1	Place Imagination
	2	Relationship assumption
	3	Arithmetical Logic
	. 4	Secret writing and secret explanation
	5	Problem solving
		General English 📜 👫 🚌
	1	Reading Comprehension
Apillude	2	Grammar/Sentence completion (Verbs)
Aprilion II	3	Grammar/Sentence completion (Prepositions)
Section	4	Synonyms and Antonyms
	5	Grammar/Sentence completion(Articles)
		Basic Knowledge of Computers
	1	Input devices
	2	Output devices
	3	MS-Office
	4	E- Mail and Internet
	5	Latest trend in IT
		General Hindi
	1	व्याकरण/सन्धि
	2	व्याकरण/समास्
	3	व्याकरण/मुहावरे
	4	पर्यायवाची शब्द
	5	विलोम शब्द
	6	व्याकरण/वचन व्याकरण/लिंग
	961	
Domain	SI. No.	
	2	Accounts
	74f	Financial Management
Aecounts	3	Cost Accounting Taxation- Direct/ Indirect
Section II	4 5	Commercial Laws
	6	
	7	Company Laws Auditing
	SI No.	
Domain	TANK	
	1	Operating System
Computer	2	Online submissions related to taxation and compliance
Proficiency	3	Keyboard Shortcuts

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Test	4	Accounting package /Tally
Section III	5	History of Computers
	6	MS-Office

JEE-GENERAL & CHO (ELECT. & ERECHRONICS)

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Section - I
Domain

1 Electrical Circuits.				
2 Electronics.				
	3	Computer Aided Eng. Drawing.		
	4	Electrical Machines.		
	5	Communication and Computer Networks.		
	6	Electrical & Electronics Measurements.		
	7	Electronics.		
	8	Electrical Machine.		
	9	Electrical Power Generation.		
	10	Transmission and Distribution.		
	11	Power Electronics.		
	12	Switchgear & Protection.		
	13	Embedded System (Elective)		
	14	Industrial drives & Control.		
	15	Utilization drives & control.		
	16	Utilization of electrical energy & management.		
Γ	17	Basic Management skills and Indian constitution		
No.	B	General Knowledge		
	1	Current Affairs - National & International		
	2	Indian History.		
	3	Indian Geography.		
	4	Indian Constitution.		
	5	Science & Technology.		
	6	Fundamental Knowledge of Computer		
A. Carrier	· C	kogtedikeasoning		
	1	Analogies.		
	2	Similarities.		
	3	Problem - Solving.		
	4	Relationship Cocnepts.		
	5 .	Space Visualization.		
	6	Arithmetical Number Series.		
	7	Arithmetical Reasoning		
1	D	Ceneral Baglish&Comprehension		
	1	Synonyms.		
	2	Antonyms.		
	3	One word substitution.		

Section - II Aptitude

6 Arithmetical Number Series.			
7	Arithmetical Reasoning		
D.	General Baglish & Comprehension		
1	Synonyms.		
2	Antonyms.		
3	One word substitution.		
4	Error detection.		
5 Idioms & Phrases.			
6 Passage comprehension			
E E	Coneral/Hindi		
1	Grammar.		
2 Vocabulary. 3 Comprehension.			
		4 Fill in the Blanks.	
5	Error Detection.		
6	Antonyms.		
7 Synonyms.			
8 Phrases/Muhavare			
# F.F	Computer		
1	Basics of Computer.		

JEE-GTO (MECHANICAL)

Applied Mechanics Engineering Materials	Section	SOEW SOE	Topics
1 Applied Mechanics 2 Engineering Materials 3. Engg. Drawing 4 Technical Documentation 5 Manufacturing Process 6 Strength of Materials 7 Elementary Civil Engineering 8 Machine Drawing 9 Basics of Thermal Engineering 10 Electrical Technology 11 Fluid Mechanics 12 Industrial Management 13 Applied Thermal Engg. 14 Computer Integrated Manufacturing 15 Theory of Machines 16 CNC Machines 17 Power Plant Engineering 18 Machine Design 19 Refrigeration & Air Conditioning 20 Automobile Engineering 21 Metrology & Intrumentation 22 CAD/CAM 83 Ceneralismovieties 1 Current Affairs - National & International 1 Indian History. 3 Indian Geography. 4 Indian Constitution. 5 Science & Technology. 6 Fundamental Knowledge of Computer 1 Analogies. 2 Similarities. 3 Problem - Solving. 4 Relationship Cocnepts. 5 Space Visualization. 6 Arithmetical Number Series. 7 Arithmetical Reasoning 1 Synonyms. 1 Spronyms. 1 Comprehension 1 Crammar. 2 Vocabulary. 3 Comprehension 4 Fill in the Blanks. 5 Error Detection. 6 Antonyms. 7 Synonyms. 8 Phrases/Muhavare	Selection of the select	SECTION S	
2 Engineering Materials 3. Eng. Drawing 4 Technical Documentation 5 Manufacturing Process 6 Strength of Materials 7 Elementary Civil Engineering 8 Machine Drawing 9 Basics of Thermal Engineering 10 Electrical Technology 11 Fluid Mechanics 12 Industrial Management 13 Applied Thermal Eng. 14 Computer Integrated Manufacturing 15 Theory of Machines 16 CNC Machines 17 Power Plant Engineering 18 Machine Design 19 Refrigeration & Air Conditioning 20 Automobile Engineering 21 Metrology & Intrumentation 22 CAD/CAM 8 Cengralism Wiede 1 Current Affairs - National & International 2 Indian History. 3 Indian Geography. 4 Indian Constitution. 5 Science & Technology. 6 Fundamental Knowledge of Computer 6 Similarities. 7 Problem - Solving. 7 Arithmetical Number Series. 7 Arithmetical Reasoning 8 Problem - Solving. 8 Generalism Biomannia. 8 Generalism Biomannia. 9 Comprehension 1 Grammar. 1 Grammar. 1 Grammar. 2 Vocabulary. 3 Comprehension. 4 Fill in the Blanks. 5 Error Detection. 6 Antonyms. 7 Synonyms. 8 Phrases/Muhavare	ν: •	1 /	
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10 Electrical Technology 11 Fluid Mechanics 12 Industrial Management 13 Applied Thermal Engg. 14 Computer Integrated Manufacturing 15 Theory of Machines 16 CNC Machines 17 Power Plant Engineering 18 Machine Design 19 Refrigeration & Air Conditioning 20 Automobile Engineering 21 Metrology & Intrumentation 22 CAD/CAM 8 S Generaliknowledge 1 Current Affairs - National & International 2 Indian History. 3 Indian Geography. 4 Indian Constitution. 5 Science & Technology. 6 Fundamental Knowledge of Computer 1 Analogies. 2 Similarities. 3 Problem - Solving. 4 Relationship Cocnepts. 5 Space Visualization. 6 Arithmetical Number Series. 7 Arithmetical Reasoning 1 Synonyms. 2 Antonyms. 3 One word substitution. 4 Error detection. 5 Idioms & Phrases. 6 Passage comprehension. 6 Antonyms. 7 Synonyms. 7 Synonyms. 8 Phrases/Muhavare 9 Phrase			
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22 CAD/CAM B	Ì		
B General Knowledge 1		22	
2 Indian History. 3 Indian Geography. 4 Indian Constitution. 5 Science & Technology. 6 Fundamental Knowledge of Computer Control Indian Constitution. 5 Science & Technology. 6 Fundamental Knowledge of Computer Control Indian Constitution. 1 Analogies. 2 Similarities. 3 Problem - Solving. 4 Relationship Cocnepts. 5 Space Visualization. 6 Arithmetical Number Series. 7 Arithmetical Reasoning Control Indian Cont		B	General Knowledge
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7 Synonyms. 8 Phrases/Muhavare F Gomputer		ļ	
8 Phrases/Muhavare Computer	1	7	
F. Computer		8	
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		1	Basics of Computer

Annepeure - VI

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	A	Domain
	1	Engineering Drawing.
Ī	2	Building Material.
		Strength of Material.
•		Basic of Hydraulics.
	5	Concrete Technology.
Section - I	6	Surveying
Domain	7	Basics of Steel Design.
Domain	8	Transprotation Engineering.
	9	Estimating, costing & Valuation
	10	Basics of Irrigation Engg.
	11	Basics of Environmental Engineering.
	12	Basics of Soil Mechanics & Foundation Engineering
	13	Basics of Structures & RCC Design
	B	General Knowledge
	1	Current Affairs - National & International
	2	Indian History.
	3	Indian Geography.
	4	Indian Constitution.
	5	Science & Technology.
	6	Fundamental Knowledge of Computer
	i i	LogicaliReasoning
	1	Analogies.
,	2	Similarities.
	3	Problem - Solving.
	4	Relationship Cocnepts.
	5	Space Visualization.
	6	Arithmetical Number Series.
	. 7	Arithmetical Reasoning
Section - II	D.	General English & Comprehension
	1	Synonyms.
Aptitude*	, 2	Antonyms.
	3	One word substitution.
	4	Error detection.
	5	Idioms & Phrases.
	6	Passage comprehension
	D	General Hindi
	1	Grammar.
	2	Vocabulary.
	3	Comprehension.
	4	Fill in the Blanks.
	5	Error Detection.
1	6	Antonyms.
	7	Synonyms.
	8	Phrases/Muhavare
	F	Gomputer
1	1	Basics of Computer