

**HIMACHAL PRADESH STATE ELECTRICITY BOARD LIMITED.****(A State Govt. Undertaking)**

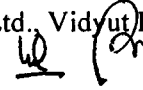
Registered Office : Vidyut Bhawan, Kumar House, Shimla-171004.
Number (CIN) : U40109HP2009SGC031255
GST No. : HPSEBL 02AACCH4894EHZB
Telephone No. : 0177-2803600,2801675(Office),2658984(Fax)
Website Address : www.hpseb.com
Email : cmd@hpseb.in & directorfa@hpseb.in.

"NOTIFICATION"

The Himachal Pradesh State Electricity Board Limited is pleased to effect partial amendments in the Clause-4 (Subject of Examination & Syllabus) as notified vide notification No. HPSEB (SECTT)/R&E/105-14/R&E/87-16622-802 dated 25-2-88 as under:-

Short Title and commencement:	The regulation shall be called as the H.P. State Electricity Board Limited Regulation for Departmental Examination for the Engineering Officers (Electrical) and Civil/Mechanical in the HPSEBL. The amendment shall come into force from the date of issue of orders.
Amendment of Clause 4, subject of examination and Syllabus.	For the existing provisions against clause-4, of the syllabus for Departmental Examinations of Engineering Officers in HPSEBL mentioned in annexure appended to regulations shall be amended and also added new syllabus separately for Electrical and Civil/Mechanical as shown in Annexure-A& B to these Regulations.

DA: - "Annexure-A&B"
(Elect./Civil/Mech.)


(Dr. Ashwani Kumar Sharma),
Executive Director (Pers.),
HPSEB Ltd., Vidyut Bhawan,
Shimla-4. 

No. HPSEBL (SECTT)/R&E/105-14/2020- 85419-619 Dated:- 17-03-2020.

Copy forwarded for to information and strict compliance to:-

1. The Managing Director H.P. Power Corpn. Ltd. Shimla-5.
2. The Managing Director HPTCL, Barowalia House Khalini Shimla-2.
3. All the Chief Engineer in HPSEB Ltd./ (i/c MD BVPC Jogindernagar)
4. The Chief Accounts Officer/Chief Auditor, F&A wing, HPSEB Ltd., Shimla-4.
5. All the Superintending Engineers in HPSEB Ltd.
- ✓ 6. The Superintending Engineer (IT) HPSEB Ltd., Shimla for uploading the HPSEB Ltd.web site.
7. All the Deputy /Under Secretaries/Section Officers in the Sectt. of HPSEB Ltd.
8. The Secretary Consumer Grievances Redressal Forum (CGRF) HPSEB Ltd.,Kasumpti, Shimla-9.
9. All the Sr. Executive Engineers/Resident Engineers in HPSEB Ltd.
10. The Deputy Director (Personnel)/Deputy Director Public Relation Officer, HPSEBL, Shimla-4.
11. Meeting Cell.
12. Guard File.


Executive Director (Pers.)
HPSEB Ltd., Vidyut Bhawan,
Shimla-4. 

Annexure 'A'

**SYLLABUS FOR DEPARTMENTAL EXAMINATION OF ENGINEERING OFFICERS
(ELECTRICAL) OF THE H.P. STATE ELECTRICITY BOARD LTD.**

(A)	PAPER A (100 marks - Open Book): Rules, Regulations, Procedures and Acts.	(B)	PAPER B - (Part 1 - 100 marks - Open Book): Consumer/ Company accounts and accounting procedures
(A1)	Fundamental Rules and Supplementary Rules-General Rules (FRSR) including HP - TA, Joining, LTC and Leave Rules	(Ba1)	General Financial Rules, 2017 and HP Financial Rules, 1971 Handbook Vol 1 and Vol 2.
(A2)	GPF Rules	(Ba2)	Account Code Vol. III
(A3)	Pension/CPF Rules.	(Ba3)	HPSEB Budget Manual.
(A4)	CCS(Conduct) Rules	(Ba4)	Manual for Banking Operations.
(A5)	C.C.S. (CCA) Rules	(Ba5)	HP Handbook on Personnel Matters Vol 1, 2, 3
(A6)	Medical Attendance Rules	(Ba6)	Manual of Instructions regarding maintenance and upkeep of Store Accounts.
(A7)	Temporary Service Rules	(Ba7)	Manual of purchase and Material Management.
(A8)	HPSEB Manual of Office Procedure	(Ba8)	Punjab PWD- Code
(A9)	HPSEB Industrial Estt. Standing orders.	(Ba9)	Delegations of Financial Powers of HPSEB Ltd.
(A10)	HPSEB Delegation of Administrative / disciplinary powers.	(Ba10)	HPSEB Commercial Accounting Manual
(A11)	The Indian Electricity Act, 2003 with The Electricity Rules, 2005.	(Ba11)	Classification (charts) of Accounts
(A12)	CEA Safety and Metering Regulations.	(Ba12)	Budget
(A13)	HPSEB Ltd. Safety Code	(Ba13)	Revenue (Commercial) Accounts.
(A14)	The Workmen's Compensation Act, 1923	(Ba14)	Sales Manual Part I, II and III.
(A15)	The Factories Act, 1948.	(Ba15)	Company accounts. (Accounting Manual)
(A16)	The Forest (Conservation) Act, 1980.		
(A17)	The Arbitration and Conciliation Act, 1996.	(C)	PAPER B - (Part 2 - 100 marks - No Book allowed): Electrical Engineering Basics
(A18)	The Indian Contract Act, 1872.	(Bb1)	Basis of Electrical Engineering: (Electrostatics, Magnetism & Electro Magnetism, AC (3 Ph & 1Ph), DC Circuits
(A19)	The Land Acquisition Act, 1894.	(Bb2)	Basics of Electrical Devices : Transformers, Motors, Generators etc.
(A20)	The Companies Act, 2013.	(Bb3)	Basics of Power Systems : Basics of Power System Protection, Basics of Load Flow .
(A21)	HPERC Regulations, Codes and Standards and GoI / GoHP Rules under the Electricity Act, 2003.	(Bb4)	Basics of Electrical Distribution and Transmission (Lines / Sub stations) System components.
		(Bb5)	Basics of Computers : Hardware and MicroSoft Office (Word / Excel / PowerPoint / Access)
Note: Question Papers shall be set so as to evaluate knowledge and understanding and not to test for capacity of writing.			

COMMITTEE : (Constituted Per item 6 of MoM circulated by ED(Pers) vide No. 62428-678 dated 17.11.2016)

Committee Approves the Syllabus for Departmental Examination of Engineering Officers (Electrical) -

Item No. Ba5 may be considered under Paper A as item No. A22.

Pankaj
Er Pankaj Sharma
Sr Executive Engineer,
Op Circle, HPSEBL
Bilaspur

Sushil
Er Sushil Sagar Sharma
CE (PCA), HPSEBL,
Vidyut Bhawan, Shimla
-4

Gulshan
Sh Gulshan Aggarwal
CAO, F&A Wing,
HPSEBL, Vidyut
Bhawan, Shimla - 4

SK Joshi
Er SK Joshi
CE (Comm), HPSEBL,
Vidyut Bhawan, Shimla
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**SYLLABUS FOR DEPARTMENTAL EXAMINATION OF ENGINEERING OFFICERS
(CIVIL/MECHANICAL) OF THE H.P.STATE ELECTRICITY BOARD LTD.**

(A)	PAPER A (100 marks- Open Book); Rules, Regulations, Procedures and Acts	Remarks
(A1)	Fundamental Rules and Supplementary Rules- General Rules (FRSR) including HP- TA, Joining, LTC and Leave Rules	
(A2)	GPF Rules	
(A3)	Pension/CPF Rules	
(A4)	CCS (Conduct) Rules	
(A5)	C.C.S (CCA) Rules	
(A6)	Medical Attendance Rules	
(A7)	Temporary Service Rules	
(A8)	HPSEB Manual of Office Procedure	
(A9)	HPSEB Industrial Estt. Standing orders	
(A10)	HPSEB Delegation of Administrative/disciplinary powers	
(A11)	The Indian Electricity Act, 2003 with the electricity rules, 2005	
(A12)	HPSEB Ltd. Safety Code	
(A13)	The workmen's Compensation Act, 1923	
(A14)	The Factories Act, 1948	
(A15)	The Forest (Conservation) Act, 1980	
(A16)	The Arbitration and Conciliation Act, 1996	
(A17)	The Indian Contract Act, 1872	
(A18)	The Land Acquisition Act, 1894	
(A19)	The Companies Act, 2013	
(A20)	HPERC Regulations, Codes and Standards and GoI / GoHP Rules under the Electricity Act, 2003	
(A21)	HP Handbook on Personal Matters Vol 1,2,3	
(B)	PAPER B- (Part 1- 100 marks- Open Book): Consumer/Company accounts and accounting procedures	
(Ba1)	General Financial Rules, 2017 and HP Financial Rules, 1971 Handbook Vol 1 and Vol 2	
(Ba2)	Account Code Vol. III	
(Ba3)	HPSEB Budget Manual	
(Ba4)	Manual for Banking Operations	
(Ba5)	Manual of Instructions regarding maintenance and upkeep of store accounts.	
(Ba6)	Manual of purchase and Material Management	
(Ba7)	Punjab PWD- Code	
(Ba8)	Delegations of Financial Powers of HPSEB Ltd.	
(Ba9)	HPSEB Commercial Accounting Manual	
(Ba10)	Classification (Charts) of Accounts	
(Ba11)	Budget	
(Ba12)	Revenue (Commercial) Accounts	
(Ba13)	Company Accounts (Accounting Manual)	
(C)	PAPER B- (Part 2-100 Marks-Open Book)	
	Civil Engineering	
(Bb1)	CBIP Manual on Development of Small Hydroelectric Projects (Pub. No. 305)	
(Bb2)	Manual on Barrages and weirs on permeable foundations (Publication No. 179) - October, 1985.	
(Bb3)	CBIP Manual on Rock Mechanics (Pub. No. GP-310)- 2010	
(Bb4)	Manual of Planning & Design of Hydraulic Tunnels (Publication No. GP-178) - December, 1984	
(Bb5)	Manual on Irrigation & Power Channels (Publication No. 171)- March, 1984	
(Bb6)	Handbook of Hydroelectric Engineering By P.S. Nigam	
(Bb7)	Specification for items of civil works	
	Mechanical Engineering	
(Bb8)	CWC Manual on Design, Fabrication, Erection and Maintenance of Steel	

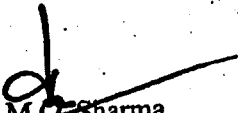
	Penstocks.	
(Bb9)	IS 4410 (Part 16/Sec1): 1981 Glossary of Terms relating to river valley projects Part 16 Gates and Valves- Section 1 Gates and terms related with Gates	
(Bb10)	IS 4410 (Part 16/Sec2): 1981 Glossary of Terms relating to river valley projects Part 16 Gates and Valves- Section 2 Valves	
(Bb11)	IS 4410 (Part 23): 1999 Glossary of Terms relating to river valley projects Part 23 Hoists, Cranes and other related terms	
(Bb12)	IS 4622:2003 Recommendations for structural design of fixed-wheel gates (Third revision)	
(Bb13)	IS 4623:2000 Recommendations for structural design of radial gates (Third revision)	
(Bb14)	IS 6938:2005 Design of rope drum and chain hoist for hydraulic gates- code of practice (second revision)	

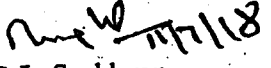
Note :- Paper-B Part-2 shall have option in all questions w.r.t. Civil engineering and Mechanical engineering, so that candidate can attempt any question of his discipline of engineering Viz Civil or Mechanical engineering or as per his choice.

COMMITTEE: (Constituted vide Chief Engineer (PCA) office order No. HPSEBL/CEPA/251-4/2018-2020-22 dated 29.06.2018)

Committee recommends the syllabus for Departmental Examination of Engineering Officers (Civil/Mechanical) of the HPSEBL


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