

Pakhtunkhwa Energy Development Organization (PEDO)
Government of Khyber Pakhtunkhwa
Syllabus/ Paper Composition (Content Weightages) for Regular Posts (BPS - 7 to BPS - 17)

S.No.	Nomenclature of Post	Subject Division/Proposed area Weightages	Subject %Weight	Remarks if any
1	Assistant Director/Junior Engineer/ ARE (Electrical/ Electronics) (BPS-17)	Subject (Electrical/Electronics Engineering course)	25	O&M of Hydropower Houses
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintainance of HydroPower Stations	20	
		MCQs on Hydromechanical equipment in Hydel Power stations	20	
		Verbal Reasoning (Grammer & Comprehension)	5	
		Quantative	5	
		Analytical Reasoning	5	
		Total	100	
2	Assistant Director/Junior Engineer (Civil) (BPS-17)	Subject (Civil Engineering Course)	25	O&M of Hydropower Houses
		MCQs on Hydraulic structures of Hydel Power Plants	20	
		MCQs on O&M and Safety of Dams , weir, Power tunnel and Draft tubes	20	
		MCQs on basics of Geotechnical Engineering	10	
		MCQs related to basics of Hydel Power generation	10	
		Verbal Reasoning (Grammer & Comprehension)	5	
		Quantative	5	
		Analytical Reasoning	5	
		Total	100	
3	Assistant Director/Junior Engineer (Mechanical) (BPS-17)	Subject (Mechanical Engineering course)	25	O&M of Hydropower Houses
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintainance of HydroPower Stations	20	
		MCQs on Hydroelectrical Components in a Power Plant	20	
		Verbal Reasoning (Grammer & Comprehension)	5	
		Quantative	5	
		Analytical Reasoning	5	
		Total	100	
4	Assistant Director (Commercial & Tariff) (BPS-17)	Subject (Accountst, Finance & Financial Management)	40	
		FBR Taxes including Income Tax Ordinance 2001 and Sales Tax Act 1990	10	
		NEPRA (Tariff Standards and Procedure) Rules, 1998.	10	
		NEPRA Interim Power Procurement (Procedure & Standards) Regulations, 2005	5	
		National Electric Power Regulatory Authority Open Access (Interconnection and Wheeling of Electric Power) Regulations, 2022.	5	
		Verbal Reasoning (Grammer & Comprehension)	10	
		Quantative	10	
		Analytical Reasoning	10	
		Total	100	
5	Assistant Director (Finance, Audit, Accounts, Revenue/Budget) (BPS-17) Accountant /Auditor (BPS-16)	Subject (10 MCQS from each Finance, Accounts, Audit, Budgeting and Economics)	50	
		FBR Taxes including Income Tax Ordinance 2001 (Salary taxes, tax on contractor and tax on consultants), Tax on filer & non filer and General sales tax (Sales Tax Act 1990)	10	
		KPRA (KP Revenue Authority) Act 2024 updated, Second Schedule and Withholding Regulations.	10	
		Verbal Reasoning (Grammer & Comprehension)	10	
		Quantative	10	
		Analytical Reasoning	10	
		Total	100	
6	Assistant Director (HR/Admin/Training/ Transport) (BPS-17)	Subject (Fundamentals of Human Resource Management)	30	
		Performance Management & Appraisal	10	
		Training & Development (T&D)	10	
		Motivating Employees	10	
		PEDO Act 2020, PEDO Regulations, 2024 (Except Appendix - I)	10	
		Verbal Reasoning (Grammer & Comprehension)	10	

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		Quantative	10	
		Analytical Reasoning	10	
		Total	100	

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7	Assistant Director (Web Administrator) (BPS-17)	Subject (Computer Science/IT/Software Engineering)	30	
		Web Applications Development (ASP.NET, PHP, ReactJS., MySQL, SQL Server)	40	
		Verbal Reasoning (Grammar & Comprehension)	10	
		Quantitative	10	
		Analytical Reasoning	10	
		Total	100	
8	Assistant Director (Network Infrastructure/ Lan - Administrator) (BPS-17)	Subject (Computer Science/IT/Software Engineering)	30	
		Advance Networks, Cyber Security, Network Security, Endpoint Protection, Firewalls and Cyber Security Frameworks.	40	
		Verbal Reasoning (Grammar & Comprehension)	10	
		Quantitative	10	
		Analytical Reasoning	10	
		Total	100	
9	Private Secretary (BPS-17)	Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	15	
		General Knowledge	10	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	10	
		Quantitative (Basic Maths)	10	
		Verbal Reasoning (Grammar & Comprehension)	15	
		Analytical Reasoning	10	
		Pakistan Study	10	
		Skills Test		
		40 Words per Minute in English Typing	10	
		100 Words per Minute in English Shorthand	10	
		Total	100	
10	Office Assistant (BPS-16)	Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	15	
		General Knowledge	15	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	10	
		Pakistan Study	10	
		Quantitative (Basic Maths)	20	
		Verbal Reasoning (Grammar & Comprehension)	20	
		Analytical Reasoning	10	
		Total	100	
11	Computer Operator (BPS-16)	Subject (Computer Science/IT/Software Engineering)	40	
		Programming & Applications Development	10	
		Network Infrastructure/ Lan - Administration	10	
		Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	10	
		Verbal Reasoning (Grammar & Comprehension)	10	
		Quantitative (Basic Maths)	10	
		Analytical Reasoning	10	
		Total	100	
12	Foreman (BPS-16)	Subject (MCQs based on DAE Electrical & Mechanical Course)	40	
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintenance of HydroPower Stations	20	
		MCQs on basics of Hydroelectric and Hydromechanical parameters of Hydel Plant	10	
		MCQs related to types of turbines, Digital Governors, Power house Auxiliaries	10	
		Total	100	
13	Junior Scale Stenographer (BPS-14)	Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	15	
		General Knowledge	10	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	10	
		Quantitative (Basic Maths)	10	
		Verbal Reasoning (Grammar & Comprehension)	15	
		Analytical Reasoning	10	
		Pakistan Study	10	
		Skill Test		

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		40 Words per Minute in English Typing	10	
		80 Words per Minute in English Shorthand	10	
		Total	100	

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14	Sub Engineer (Electrical) (BPS-12)	Subject (MCQs based on DAE Electrical Major Course)	35	
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintainance of HydroPower Stations	20	
		MCQs related to functions of various components in a hydel Power Plant	15	
		MCQs related with basics of Governor, SCADA, Protection and Control system	10	
		Total	100	
15	Sub Engineer (Mechanical) (BPS-12)	Subject (MCQs based on DAE Mechanical Major Course)	35	
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintainance of HydroPower Stations	20	
		MCQs related with function of various components of Hydel Power plant	15	
		MCQs related with Governors, Preventive and predictive maintenance of turbines	10	
		Total	100	
16	Sub Engineer (Civil) (BPS-12)	Subject (MCQs based on DAE Civil Major Course)	35	
		MCQs regarding main Civil structures of a Hydel Power Plant	20	
		MCQs on repair, maintenance and safety of Dams, weirs, tunnel and water ways	20	
		MCQs related with protection of turbines against sediments and trash	15	
		MCQs related with surveying equipment and Hydrology measurement methods	10	
		Total	100	
17	Machine/ Turbine Operator (BPS-12)	Subject (MCQs based on DAE Electrical and DAE Mechanical Major Course)	40	
		MCQs on Operation of HydroPower Stations	20	
		MCQs on Maintainance of HydroPower Stations	20	
		MCQs related to functions of various components in a Hydel Power Plant	10	
		MCQs related with basics of Governor, SCADA, Protection and Control system	10	
		Total	100	
18	Senior Store Keeper (Technical) (BPS-12)	Subject (MCQs based on DAE Electrical and DAE Mechanical Major Course)	40	
		MCQs on basics components for turbines and Generators	20	
		MCQs on inventory control system , MMS and stock limits	20	
		MCQs regarding SRS, GRNs, MRS and other documents / softwares for Use in stores	20	
		Total	100	
19	Junior Clerk (BPS-11)	Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	15	
		General Knowledge	15	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	10	
		Pakistan Study	10	
		Quantative (Basic Maths)	20	
		Verbal Reasoning (Grammer & Comprehension)	20	
		Analytical Reasoning	10	
		Total	100	
20	Pesh Imam (BPS-9)	11- اسلام کے بنیادی ارکان 12- اسلامی معاشی اقدار 13- عقیدہ توحید و عقیدہ ختم نبوت 14- ایمانیات 15- طہارت۔۔ اہمیت۔۔ نواقص 16- نماز۔۔۔ فرائض۔۔۔ سن۔۔۔ مستحبات 17- روزہ۔۔۔ فرضیت۔۔ اہمیت 18- زکوٰۃ۔۔ نصاب 19- حج۔۔ فرضیت۔۔ فضیلت۔۔ ارکان 20- حقوق العباد۔۔ حقوق اللہ	55	
		Quantative (Basic Mathematics in Urdu Language)	15	
		MCQs on Quran Karim (Urdu Language)	15	
		Islamic History (Urdu Language)	15	
		Total	100	

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21	Welder Grade – I (BPS-9)	Subject (MCQs based on 2 Years relevant Certificate form a Government Vocational Institute)	40	
		MCQs related with types of welding, heat treatment, MIG,TIG and welding equipment	30	
		MCQs related with welding safety , types of joints, pre-heating and post heating operation	30	
		Total	100	
22	Turner Miller (Mechanist) (BPS-9)	Subject (MCQs based on 2 Years relevant Certificate form a Government Vocational Institute)	40	
		MCQs related with types of lathe machines, shapers, Milling machines and mechanical workshop equipment	20	
		MCQs related with turning , facing and indexing for gears cutting	20	
		MCQs related with types of threads, types of gears, types of mechanical tools for gear cutting, turning and facing etc	20	
		Total	100	
23	Crane Operator (BPS-9)	Basic Mathematics	15	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	15	
		MCQs related with routine preventive maintenance of the EOT Cranes, Gantry cranes , Monorail cranes	25	
		MCQs related with Chain Blocks, Come-Alongs , types of ropes, hoisting equipment , static and dynamic loads	25	
		MCQs related with general knowledge about mechanical T&P and Basic Maths	20	
		Total	100	
24	Store Keeper (General) (BPS-7)	MCQs related to Store Keeping	25	
		General Knowledge	15	
		Islamayat (Islam, Salat, Zakat, Fasting, Hajj)	15	
		Basic Mathematics	15	
		Verbal Reasoning (Basic English Grammar)	15	
		Basic Computer Knowledge (MS-Word, Excel, PowerPoint)	15	
		Total	100	