



## **PARADIP PORT TRUST**

### **Selection Criteria for Direct Recruitment to Class-I, Class-II & Class-III Posts**

#### **ENGINEERING DEPARTMENT**

## Selection criteria for direct recruitment to the Class-I posts of Civil Engineering Department, PPT

Sl. No .	Name of the post	No. of posts	Classifi catio n	Scale of pay(Rs.)	Whether selection or non selection	Upper age limit for direct recruitment(in years)	Educational and other Qualifications prescribed for direct recruitment	Selection with written test				Syllabus	Remarks
								Written Test (Ma rks)	Qua lificatio n (De sira ble Mar ks)	Exper ience (Desir able Mark s)	Interview (Marks)		
1	Asst. Executive Engineer (Civil)	14	Class- I	Rs.20600- 46500/- (Pre-revised scale of pay of Rs9100-250- 15100/-)	Selection	30	<p><b>Essential :-</b> Degree or equivalent in Civil Engg from a recognized university/institution.</p> <p><b>Desirable:</b> Two years experience in executive cadre in planning/construction /design/maintenance preferably of Port and Marine structure in an industrial/commercial/Govt. undertaking</p>	90		5	5	<p><b>Part-A -20 Marks</b> General English, Numerical/Quantitative Aptitude, Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B – 80 Marks</b> mechanics of material, hydraulics, survey-i, civil engineering materials, construction technology, structural analysis-i, transportation engineering-i, geotechnical engineering, irrigation engineering, estimating- structural design-I, public health engineering, sanitary engineering, surveying – ii, transportation engineering – ii, docks &amp;harbours, air port engineering, tunnel engineering, construction works management, structural design – ii, estimating – ii, advanced construction technology, Specification, Analysis, Schedule of Rates and various IS Codes for Civil Engineering works, Auto CAD &amp; Civil Engineering Softwares.</p>	<p>1. Candidates having two years of experience and above will be given 5 marks and candidates having less than two years of experience shall not be given any marks.</p> <p>2. In case of tie in the written test and interview, candidates senior in age shall be preferred.</p>

## Selection criteria for direct recruitment to the Class-I posts of Civil Engineering Department, PPT

Sl. No .	Name of the post	No. of posts	Classifi catio n	Scale of pay(Rs.)	Whet her selecti on or non selecti on	Upper age limit for direct recruitment (in years)	Educational and other Qualifications prescribed for direct recruitment	Selection with written test				Syllabus	Remarks
								Written Test (Marks)	Qualifi catio n (Desir able Marks)	Exper ience (Desir able Marks)	Inte rvie w (Ma rks)		
2	Asst. Executive Engineer (Town planning)	01	Class- I	Rs.20600-46500/- (Pre-revised scale of pay of Rs9100-250-15100/-)	Selection	30	<p><b>Essential</b>:-</p> <p>a ) Degree with a post graduate degree/diploma in architecture/town and country planning or degree in civil engineering from a recognized university/institution or corporate membership of institution of surveyor (India).</p> <p><b>Desirable</b>:</p> <p>(i ) A degree in Law from a recognized university.</p> <p>(ii) Two years executive experience in town planning/estate management/valuation in an industrial/commercial/Govt. undertaking</p>	90	2.5	2.5	5	<p><b>Part-A -20 Marks</b></p> <p>General English, Numerical/Quantitative Aptitude, Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B – 80 Marks</b></p> <p>Planning Theory and Planning Techniques, Housing and Habitat Planning, History of Human Settlement, Land and Real Estate Management, Ecology and Environmental Planning, Transport Planning, Design of Human Settlement, Regional Planning and Development, Statistics and Population Studies, Urban Conservation and Heritage Management, Public Participation in Planning, Land Economics, Project Formulation Financial and Appraisal, Special Planning, Public Policies in Planning, Planning for Disaster Risk Mitigation and Management, Survey, Various Development Plans, GIS, CPWD Urban Governance, Planning &amp; Management of informal Sector, Planning Legislation &amp; Legal framework, Project implementation, Auto CAD, Town Planning &amp; Architecture software.</p>	<p>1. Candidates having two years of experience and above will be given 2.5 marks and candidates having less than two years of experience shall not be given any marks.</p> <p>2. Candidates having Degree in Law shall be given 2.5 Marks.</p> <p>3. In case of tie in the marks obtained in the written test, desirable qualification and experience and interview, candidates senior in age shall be preferred..</p>

## Selection criteria for direct recruitment to the Class-I posts of Civil Engineering Department, PPT

Sl. No .	Name of the post	No. of posts	Classifi catio n	Scale of pay(Rs.	Whether selection or non selection	Upper age limit for direct recruitment(in years)	Educational and other Qualifications prescribed for direct recruitment	Selection with written test				Syllabus	Remarks
								Writ ten Test (Ma rks)	Qua lificatio n (De sira ble Mar ks)	Exper ience (Desir able Mark s)	Intervie w (Marks)		
3	Executive Engineer (Civil)	09	Class- I	Rs.20600-46500/- (Pre-revised scale of pay of Rs10750-300-16750/-)	Selection	35	<b>Essential :-</b> (i ) Degree or equivalent in Civil Engg. from a recognized university/institution. (ii) Five years experience in the executive cadre in the planning /construction/design/ maintenance preferably of port & marine structures in an industrial/commercial/Govt. undertaking	90	--	---	10	<b>Part-A -20 Marks</b> General English, Numerical/Quantitative Aptitude, Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements). <b>Part-B – 80 Marks</b> mechanics of material, hydraulics, survey-i, civil engineering materials, construction technology, structural analysis-i, transportation engineering-i, geotechnical engineering, irrigation engineering, estimating-i, structural design-i, public health engineering, sanitary engineering, surveying – ii transportation engineering – ii, docks &harbours, airport engineering, tunnel engineering, construction works management, structural design – ii, estimating – ii, advanced construction technology.CPWD Specification, Analysis, Schedule of Rates and various IS Codes for Civil Engineering works, Auto CAD & Civil Engineering Software.	1.Selection will be based on written test marks and interview. 2. In case of tie, candidate senior in age shall be preferred.

## Selection criteria for direct recruitment to the Class-I posts of Civil Engineering Department, PPT

Sl. No .	Name of the post	No. of posts	Classification	Scale of pay(Rs.)	Whether selection or non selection	Upper age limit for direct recruitment(in years)	Educational and other Qualifications prescribed for direct recruitment	Selection based on interview			Remarks
								Qualification (Desirable Marks)	Experience (Desirable Marks)	Interview (Marks)	
4	Superintending Engineer (Civil)	02	Class-I	Rs.24900-50500/- (Pre-revised scale of pay of Rs13000-18250/-)	Selection	40	<u>Essential</u> :- (i ) Degree or equivalent in Civil Engg from a recognized university/institution.  (ii) Nine years experience in the executive cadre in the planning /construction/design/ maintenance preferable of port & marine structures in an industrial/commercial/Govt. undertaking	---	---	100	Selection is based on interview only.

## Selection criteria for direct recruitment to the Class-I posts of Civil Engineering Department, PPT

Sl. No .	Name of the post	No. of posts	Classifi catio n	Scale of pay(Rs.	Whether selection or non selection	Upper age limit for direct recruit ment(in years)	Educational and other Qualifications prescribed for direct recruitment	Selection based on interview			Remarks
								Qualificati on (Desirable Marks)	Experience (Desirable Marks)	Interview (Marks)	
5	Deputy Chief Engineer (Civil)	01	Class- I	Rs.32900- 58000/- (Pre-revised scale of pay of Rs16000-400- 20800/-)	Selection	42	<b>Essential</b> :- (i ) Degree or equivalent in Civil Engg from a recognized university/institution.  (ii) Twelve years experience in the executive cadre in the planning /construction/design/ maintenance preferably of port & marine structures in an industrial/commercial/Govt. undertaking	---	---	100	Selection shall be based on interview only.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-II POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Assistant Engineer (Civil)	28	Class-II	16,400-40,500/-	Selection	32	Essential : 1. Diploma in Civil Engineering from a recognised Institution affiliated to AICTE having 09 Years experience in the field.	90	0	0	10	<b>Part-A (20 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements). <b>Part-B (80 Marks)</b> mechanics of material, hydraulics, survey-i, civil engineering materials, construction technology, structural analysis-i, transportation engineering-i, geotechnical engineering, estimating-i, structural design-i, public health engineering, sanitary engineering, surveying – ii transportation engineering – ii, docks & harbours, construction works management, structural design – ii, estimating – ii, advanced construction technology, CPWD Specifications, analysis, Schedule of Rates, Auto CAD	1.Selection will be based on written test marks and interview.  2. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-II POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Architectural Assistant	1	Class-II	16,400-40,500/-	Selection	32	a) Degree with post Graduate degree/ Diploma in Architecture/Town and Country planning or Degree in Civil Engineering from a recognised University/ Institution or corporate membership of Institution of Surveyor (India). Desirable : i) A degree in Law from a recognised University. ii) Two years executive experience in Town Planning/ Estate Management/Valuation in an Industrial/Commerce/ Govt. undertaking.	90	2.5	2.5	5	<b>Part-A (20 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements). <b>Part-B (80 Marks)</b> Architecture and Design, Building Material Construction and Management, Environment Planning and Design, Urban Design, Urban Planning and Housing, Planning Techniques and Management, Services, Infrastructure and transportation and Auto CAD, Town Planning and Architecture Software, Survey	1.Candidates having law Degree from a recognised University shall be given 2.5 marks  2.Candidates having two years of experience and above shall be given only 2.5 marks. In case of experience less than two years, no marks shall be given.  3. In case of tie in the marks obtained through written test, desirable qualification and experience and interview, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-II POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
Horticulture Development Officer	1	Class-II	16,400-40,500/-	Selection	32	Essential: Bachelor Degree in Agriculture or a Degree recognised by the Govt. as equivalent thereto with special papers in Horticulture. Desirable : Two years working experience in Govt./PSU/ Reputed Organisation.	90	0	5	5	<b>Part-A (20 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).  <b>Part-B ( 80 Marks)</b> Commercial flower crops and landscaping, spices and plantation crops, harvest technology of horticulture crops, propagation and nursery techniques of horticulture crops, breeding of horticulture crops, vegetable crops, management techniques, special emphasis on development of lawns, gardens and plantation, Production technology of fruit crops, Production technology of VEgetable crops, WAter Management in HOriculture Crops, Pest & Disease Management in Horticulture Crops.	1. Candidates having two years of experience and above will be given 5 marks and candidates having less than two years of experience shall not be given any marks.  2. In case of tie in the written test and interview, candidates senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Junior Engineer (Civil)	28	Class-III	19,100-51,100/-	Selection	32	Essential: Diploma in Civil Engineering from a recognised Institution	100	0	0	0	<b>Part-A (20 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements). <b>Part-B (80 Marks)</b> mechanics of material, hydraulics, survey-i, civil engineering materials, construction technology, structural analysis-i, transportation engineering-i, geotechnical engineering, irrigation engineering, estimating-i, structural design-i, public health engineering, sanitary engineering, surveying – ii transportation engineering – ii, docks & harbours, air port engineering, tunnel engineering, construction works management, structural design – ii, estimating – ii, advanced construction technology	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Pump Operator GR-I	4	Class-III	16,300-38,200/-	Selection	32 years	Essential: ITI in Diesel Engine/Electrician with 6 years experience in Govt./PSU/Reputed Organisation as Pump Operator.	100	0	0	0	<p><b>Part-A (50 Marks)</b></p> <p>General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B (50 Marks)</b></p> <p>Occupational safety and health, hand and power tools, fastenner (study of screws, nuts etc.) cutting tools, limit fits and tolerance, drilling machines, tips and dies, basic sheet metal, basic electricity, welding and heat treatment, hydraulic and Pneumatics</p>	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Pump Operator GR-II	8	Class-III	16,300-38,200/-	Selection	32 years	Essential: ITI in Diesel Engine/Electrician with 4 years in the trade.	100	0	0	0	<p><b>Part-A (50 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B (50 Marks)</b> Occupational safety and health, hand and power tools, fastenner (study of screws, nuts etc.) cutting tools, limit fits and tolerance, drilling machines, tips and dies, basic sheet metal, basic electricity, welding and heat treatment, hydraulic and Pneumatics</p>	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							Written	Preferential qualification	Experience	Interview		
Pump Operator GR-III	19	Class-III	16,300-38,200/-	Selection	32 years	Essential: ITI in Diesel Engine/Electrician with 2 years in the trade.	100	0	0	0	<p><b>Part-A (50 Marks)</b></p> <p>General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B (50 Marks)</b></p> <p>Occupational safety and health, hand and power tools, fastenner (study of screws, nuts etc.) cutting tools, limit fits and tolerance, drilling machines, tips and dies, basic sheet metal, basic electricity, welding and heat treatment, hydraulic and Pneumatics</p>	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Carpenter Gr-II	1	Class-III	16,300-38,200/-	Selection	32 years	Essential: ITI in carpentry trade with 3 years experience in the trade. OR 7 years experience as a Carpenter in a reputed organisation.	100	0	0	0	<b>Part-A (50 Marks)</b> General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning & Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements). <b>Part-B (50 Marks)</b> Safety precautions, shaws and planes, timber trees, paring tools, seasoning of timber, wood work joints, widening joints, lengthening joints, striking tools, impelling tools, miscellaneous tools, conversion of timber, fiber board, veneer and ply wood, wood particle board, carving hand tools, preservation of timber and wood works, fixing metal fittings, laminated sheets, treatment of timber	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Carpenter Gr-III	1	Class-III	16,300-38,200/-	Selection	32 years	Essential: ITI in Carpentry trade & Comptd training OR 7 years experience as a Carpenter in Govt./ PSU/ Reputed organisation.	100	0	0	0	<p><b>Part-A (50 Marks)</b></p> <p>General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B (50 Marks)</b></p> <p>Safety precautions, shaws and planes, timber trees, paring tools, seasoning of timber, wood work joints, widening joints, lengthening joints, striking tools, impelling tools, miscellaneous tools, conversion of timber, fiber board, venie and ply wood, wood particle board, carving hand tools, preservation of timber and wood works, fixing metal fittings, laminated sheets, treatment of timber</p>	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.

**SELECTION CRITERIA FOR DIRECT RECRUITMENT TO CLASS-III POSTS OF ENGINEERING DEPARTMENT, PPT**

Name Of the Post	No. of Posts	Classification	Scale of the Pay (Rs.)	Whether Selection or Non-selection	Upper Age limit for direct recruitment (in year)	Educational and Other qualifications prescribed by the direct recruitment	Selection with written test				Syllabus	Remarks
							written	Preferential qualification	Experience	Interview		
Plumber Gr- III	1	Class- III	16,300- 38,200/-	Selection	32 years	Essential: ITI course in fitter trade with 3 years experience in the trade.	100	0	0	0	<p><b>Part-A (50 Marks)</b></p> <p>General English , Numerical/Quantitative Aptitude , Reasoning: Verbal /Logical Reasoning &amp; Non-Verbal Reasoning, General Knowledge , Computer, Port Related (Technical requirements).</p> <p><b>Part-B (50 Marks)</b></p> <p>Plumber's tools and equipments, water distribution system, PVC and PVC welding, fixing different pipe accessories, use and fixing of PVC pipes, Pipeline layout, joining of pipes, installation of electric pumps. pipe dies and their uses, bending machines and method of bending. Cocks and walls,</p>	Compulsory written test being a Class-III post. In case of tie, candidate senior in age shall be preferred.