

CHAPTER WISE TESTS		SUBJECT WISE TESTS		MOCK TESTS	
BASIC LEVEL	ADVANCED	BASIC LEVEL	ADVANCED	GENERAL PAPER	SPECIFIC PAPER
33	33	10	10	1	1

CHAPTER WISE TESTS

- Each test carries 15 marks and 45 minutes duration
- Test consists of 15 one marks questions.

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD-01	Basic Level General Aptitude - 1 : Number System, Decimals, HCF& LCM, Ratio & Proportion, Percentage.	AVAILABLE
KPWD -02	Basic Level General Aptitude - 2 : Partnership, Average, Profit & Loss, Simple Interest & Compound Interest,	AVAILABLE
KPWD -03	Basic Level General Aptitude - 3 : Fractions, Simplifications, Time & Work, Time & Distance.	AVAILABLE
KPWD -04	Basic Level General Aptitude - 4 : Data Interpretation (Graphs and Tables), Logical thinking, Basic Algebra, Trigonometry, Square Root & Cube Root.	AVAILABLE
KPWD -05	Basic Level General Studies - 1 : Covering General Knowledge topics relating to Current Events.	AVAILABLE
KPWD -06	Basic Level General Studies - 2 : General Science	AVAILABLE
KPWD -07	Basic Level General Studies - 3 : Indian History	AVAILABLE
KPWD -08	Basic Level General Studies - 4 : Indian Geography	AVAILABLE
KPWD -09	Basic Level General Studies - 5 : Social Science	AVAILABLE
KPWD -10	Basic Level General Studies - 6 : Matters of every day observation and practical knowledge as may be expected of a person who as passed the prescribed qualifying examination.	AVAILABLE
KPWD -11	Basic Level Public Health Engineering (PHE) Water Supply (WS) 1 : Value and Importance of water Supply –Domestic, Commercial and Public requirement allowance for prospective population –variation in demand, Quantity of Water –estimating the quantity of water for a town or city, considering various modifying influences affecting consumption per capita, Estimating the quantity of water available from a source (surface water from rainfall and catchments and unederground water by pumping and other methos), Sources of Water –impounded,perennial streams, artesian wells, shallow wells, deep well and infiltration galleries.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -12	<p>Basic Level PHEWS - 2 : Quality of Water –Pollution, contamination and infection waterborne diseases, sanitary survey conservation of infection waterborne diseases, sanitary survey conservation of catchments and basin, Water analysis,physical bacterial, chemical and microscopic,Protection of water supplies – control of algae, river pollution and its control, Purity of water, PH value.</p>	AVAILABLE
KPWD -13	<p>Basic Level PHEWS - 3 : Construction of water works –General principles of economics, construction and arrangement of the several types of water intake works for different sources, Purification of water –study of impurities (suspended, dissolved and colloidal) plain sedimentation, with coagulation, types of coagulants and their uses, slow and rapid filtration, pressure and other filters modern methods of sterilization and ariation –purification of water for industrial use, different methods.</p>	AVAILABLE
KPWD -14	<p>Basic Level PHEWS - 4 : Pumping and Distribution system – System of supply, construction of piupe line and conduits pumping machinery service reservoirs, balancing reservoirs, stand pipes and water towers, Distribution system(grid iron, dea-end and ring system), Appurtenances such as valves, hydrant, rate controllers and meters, expansion joints ,manholes, Principles to be followed in the design of distribution system,maintenance and repairs, detection of leakages, prevention of waste.</p>	AVAILABLE
KPWD -15	<p>Basic Level Public Health Engineering (PHE) Sanitary Engineering (SE) 1: Drainage and Sewerage –Objects of Scheme –surface drainage, underground severage systems andthe general arrangement of the several works, principles of design,Data to be collected,allowances for inclusions of the foul part of therainfall, size velocity and gradients of sewers, Selection of suitable system and evolution of a scheme, design of the several necessary works of a sewer lines,.House Drainage –Water closets, taps, soil and other pipes, sinks, invotories, urinals and baths..</p>	AVAILABLE
KPWD -16	<p>Basic Level PHESE - 2 : The sewer line –laying, joining and testing of sewer, Construction of manholes, flushing tanks. Over flows junctions, catch-basin inverted siphons and public conveniences, maintenance of sewer lines, Pumping sewage – Treatment of sewage before disposal objects. Characteristics of sewage, Modern methods of treatment including diffused air and other process, Collection and disposal of solid refuse, Screening and pulversing -various methods of composting –utilization and disposal.</p>	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -17	Basic Level PHESE - 3 : Elements of Public Health Engineering – Latrines, Drainage refuse collection and disposal, plumbing, food and milk sanitation, restaurants, market places, slaughter houses, cemeteries, parks, hospitals, play grounds and cinema halls, Elements of town Planning –Housing, Zoning, Lighting and Ventilation factors, Dust control, Developing environment beautifying town, malaria control, fly and rodent control, rural sanitation. Fairs and festivals and disinfection.	AVAILABLE
KPWD -18	Basic Level High Way Engineering (HE) Roads - 1 : General-Importance of highway developments, Highway Economics and Highway financing and Highway system, Surveys-Highway planning surveys, location surveys and soil surveys, Presentation of data in terms of charts and tables(urban and rural areas),Highway plans and specifications,	AVAILABLE
KPWD -19	Basic Level HE Roads - 2 : Highway Design-Geometric design-Rights of way. Highway capacity, design speeds cross section sight distances, grade line, alignments, channelisation, inter sections and inter changes, grade separators, rotary inter sections etc., Highway Construction-Urban and Rural areas, economic principles: drainage of road way and road side and subsoil drainage and hydrology, hydraulic design principles, drainage structures,	AVAILABLE
KPWD -20	Basic Level HE Roads - 3 : Highway Construction –Site Clearance, different types of road rollers, earth moving equipment and construction equipment Modern highway practices of construction. Specifications for highway materials and construction, Highway Construction -Surface maintenance, shoulder and approach maintenance, snow and ice control, bridge and culvert maintenance etc., Traffic service and maintenance cost.	AVAILABLE
KPWD -21	Basic Level High Way Engineering (HE) Bridges - 1 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Empirical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges. Design of floor system and different types of bearing specification for Railway and Highway bridges.	AVAILABLE
KPWD -22	Basic Level HE Bridges - 2 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Empirical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges. Design of floor system and different types of bearing specification for Railway and Highway bridges.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -23	Basic Level HE Bridges - 3 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Emperical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges.Design of floor system and different types of bearing specification for Railway and Highway bridges.	AVAILABLE
KPWD -24	Basic Level Construction Technology Management (CTM) - 1 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas. Rehabilitation of structures, Costruction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -25	Basic Level CTM – 2 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas. Rehabilitation of structures, Costruction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -26	Basic Level CTM – 3 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas. Rehabilitation of structures, Costruction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -27	Basic Level CTM – 4 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas. Rehabilitation of structures, Costruction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -28	Basic Level Advanced Structures (AS) - 1 : Compound stresses and strains -Mohar’s Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure. Strain Energy Methods –Deflection of simple trusses strain every methods applied to simple beams and trusses, Castigliano’s Theorem I and its application to simple cases	AVAILABLE
KPWD -29	Basic Level Advanced Structures (AS) - 2 : Compound stresses and strains -Mohar’s Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure. Strain Energy Methods –Deflection of simple trusses strain every	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
	methods applied to simple beams and trusses, Castigliano's Theorem I and its application to simple cases	
KPWD -30	Basic Level Advanced Structures (AS) - 3 : Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution. Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus.	AVAILABLE
KPWD -31	Basic Level Advanced Structures (AS) - 4 : Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution. Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus.	AVAILABLE
KPWD -32	Basic Level Advanced Structures (AS) - 5 : Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading. Influence lines of reaction, shear force, bending moment and deflection, Reversal of stress under live load, Williot-Mohr's diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines.	AVAILABLE
KPWD -33	Basic Level Advanced Structures (AS) - 6 : Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading. Influence lines of reaction, shear force, bending moment and deflection, Reversal of stress under live load, Williot-Mohr's diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines.	AVAILABLE
KPWD -34	Advanced Level General Aptitude - 1 : Number System, Decimals, HCF & LCM, Ratio & Proportion, Percentage.	AVAILABLE
KPWD -35	Advanced Level General Aptitude - 2 : Partnership, Average, Profit & Loss, Simple Interest & Compound Interest.	AVAILABLE
KPWD -36	Advanced Level General Aptitude - 3 : Fractions, Simplifications, Time & Work, Time & Distance.	AVAILABLE
KPWD -37	Advanced Level General Aptitude - 4 : Data Interpretation (Graphs and Tables), Logical thinking, Basic Algebra, Trigonometry, Square Root & Cube Root.	AVAILABLE
KPWD -38	Advanced Level General Studies - 1 : Covering General Knowledge topics relating to Current Events.	AVAILABLE
KPWD -39	Advanced Level General Studies - 2 : General Science	AVAILABLE
KPWD -40	Advanced Level General Studies - 3 : Indian History	AVAILABLE
KPWD -41	Advanced Level General Studies - 4 : Indian Geography	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -42	Advanced Level General Studies - 5 : Social Science	AVAILABLE
KPWD -43	Advanced Level General Studies - 6 : Matters of every day observation and practical knowledge as may be expected of a person who as passed the prescribed qualifying examination.	AVAILABLE
KPWD -44	Advanced Level Public Health Engineering (PHE) Water Supply (WS) - 1 : Value and Importance of water Supply –Domestic, Commercial and Public requirement allowance for prospective population – variation in demand, Quantity of Water –estimating the quantity of water for a town or city, considering various modifying influences affecting consumption per capita, Estimating the quantity of water available from a source (surface water from rainfall and catchments and unederground water by pumping and other methods), Sources of Water –impounded, perennial streams, artesian wells, shallow wells, deep well and infiltration galleries.	AVAILABLE
KPWD -45	Advanced Level PHEWS - 2 : Quality of Water –Pollution, contamination and infection waterborne diseases, sanitary survey conservation of infection waterborne diseases, sanitary survey conservation of catchments and basin, Water analysis, physical bacterial, chemical and microscopic, Protection of water supplies –control of algae, river pollution and its control, Purity of water, PH value.	AVAILABLE
KPWD -46	Advanced Level PHEWS - 3 : Construction of water works –General principles of economics, construction and arrangement of the several types of water intake works for different sources, Purification of water –study of impurities (suspended, dissolved and colloidal) plain sedimentation, with coagulation, types of coagulants and their uses, slow and rapid filtration, pressure and other filters modern methods of sterilization and ariation –purification of water for industrial use, different methods.	AVAILABLE
KPWD -47	Advanced Level PHEWS - 4 : Pumping and Distribution system –System of supply, construction of piupe line and conduits pumping machinery service reservoirs, balancing reservoirs, stand pipes and water towers, Distribution system(grid iron, dea-end and ring system), Appurtenances such as valves, hydrant, rate controllers and meters, expansion joints ,manholes, Principles to be followed in the design of distribution system, maintenance and repairs, detection of leakages, prevention of waste.	AVAILABLE
KPWD -48	Advanced Level Public Health Engineering (PHE) Sanitary Engineering (SE) 1: Drainage and Sewerage –Objects of Scheme –surface drainage, underground severage systems and the general arrangement of the several works, principles of design, Data to be collected, allowances for inclusions of the foul part of therainfall, size velocity and gradients of sewers, Selection of suitable system and evolution of a scheme, design of the several necessary works of a sewer lines. House Drainage –Water closets, taps, soil and other pipes, sinks, inventories, urinals and baths.	AVAILABLE
KPWD -49	Advanced Level PHESE - 2 : The sewer line –laying, joining and testing of sewer, Construction of manholes, flushing tanks. Over flows junctions, catch-basin inverted siphons and public conveniences, maintenance of sewer lines, Pumping sewage –Treatment of sewage before disposal objects. Characteristics of sewage, Modern methods of treatment including diffused air and other process, Collection and disposal of solid refuse, Screening and pulversing -various methods of composting –utilization and disposal.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -50	Advanced Level PHESE - 3 : Elements of Public Health Engineering –Latrines, Drainage refuse collection and disposal, plumbing, food and milk sanitation, restaurants, market places, slaughter houses, cemeteries, parks, hospitals, play grounds and cinema halls, Elements of town Planning –Housing, Zoning, Lighting and Ventilation factors, Dust control, Developing environment beautifying town, malaria control, fly and rodent control, rural sanitation. Fairs and festivals and disinfection.	AVAILABLE
KPWD -51	Advanced Level High Way Engineering (HE) Roads - 1 : General-Importance of highway developments, Highway Economics and Highway financing and Highway system, Surveys-Highway planning surveys, location surveys and soil surveys, Presentation of data in terms of charts and tables(urban and rural areas),Highway plans and specifications,	AVAILABLE
KPWD -52	Advanced Level HE Roads - 2 : Highway Design-Geometric design-Rights of way. Highway capacity, design speeds cross section sight distances, grade line, alignments, channelisation, inter sections and inter changes, grade separators, rotary inter sections etc., Highway Construction-Urban and Rural areas, economic principles: drainage of road way and road side and subsoil drainage and hydrology, hydraulical design principles, drainage structures,	AVAILABLE
KPWD -53	Advanced Level HE Roads - 3 : Highway Construction –Site Clearance, different types of road rollers, earth moving equipment and construction equipment Modern highway practices of construction. Specifications for highway materials and construction, Highway Construction -Surface maintenance, shoulder and approach maintenance, snow and ice control, bridge and culvert maintenance etc., Traffic service and maintenance cost.	AVAILABLE
KPWD -54	Advanced Level High Way Engineering (HE) Bridges - 1 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Empirical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges	AVAILABLE
KPWD -55	Advanced Level HE Bridges - 2 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Empirical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges. Design of floor system and different types of bearing specification for Railway and Highway bridges.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -56	Advanced Level HE Bridges - 3 : ATE for design, Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Emperical formulas, Rational method Probability method and Unit graph method. Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension and Moveable-span bridges. Design of floor system and different types of bearing specification for Railway and Highway bridges.	AVAILABLE
KPWD -57	Advanced Level Construction Technology Management (CTM) - 1 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas.	AVAILABLE
KPWD -58	Advanced Level CTM – 2 : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas.	AVAILABLE
KPWD -59	Advanced Level CTM – 3 : Rehabilitation of structures, Construction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -60	Advanced Level CTM – 4 : Rehabilitation of structures, Construction economics and finance. Construction management and computer application, Mechanisation in construction, State laws governing construction	AVAILABLE
KPWD -61	Advanced Level Advanced Structures (AS) - 1 : Compound stresses and strains -Mohar’s Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure. Strain Energy Methods –Deflection of simple trusses strain every methods applied to simple beams and trusses, Castigliano’s Theorem I and its application to simple cases,	AVAILABLE
KPWD -62	Advanced Level Advanced Structures (AS) - 2 : Compound stresses and strains -Mohar’s Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure. Strain Energy Methods –Deflection of simple trusses strain every methods applied to simple beams and trusses, Castigliano’s Theorem I and its application to simple cases.	AVAILABLE
KPWD -63	Advanced Level Advanced Structures (AS) - 3 : Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution. Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -64	Advanced Level Advanced Structures (AS) - 4 : Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution. Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus.	AVAILABLE
KPWD -65	Advanced Level Advanced Structures (AS) - 5 : Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading.. Influence lines of reaction, shear force,bending moment and deflection, Reversal of stress under live load, Williot-Mohr's diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines..	AVAILABLE
KPWD -66	Advanced Level Advanced Structures (AS) - 6: Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading.. Influence lines of reaction, shear force,bending moment and deflection, Reversal of stress under live load, Williot-Mohr's diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines..	AVAILABLE

SUBJECT WISE TESTS

- Each test carries 30 marks and 90 minutes duration
- Test consists of 30 one mark questions .

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -67	Basic Level General Aptitude : Number System, Decimals, HCF& LCM, Ratio & Proportion, Percentage, Partnership, Average, Profit & Loss, Simple Interest & Compound Interest, Fractions, Simplifications, Time & Work, Time & Distance, Data Interpretation (Graphs and Tables), Logical thinking, Basic Algebra, Trigonometry, Square Root & Cube Root.	AVAILABLE
KPWD -68	Basic Level General Studies - 1 : Covering General Knowledge topics relating to Current Events, General Science.	AVAILABLE
KPWD -69	Basic Level General Studies - 2 : Indian History, Indian Geography.	AVAILABLE
KPWD -70	Basic Level General Studies - 3 : Social Science, Matters of every day observation and practical knowledge as may be expected of a person who as passed the prescribed qualifying examination.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -71	<p>Basic Public Health Engineering (PHE) Water Supply (WS) : Value and Importance of water Supply –Domestic, Commercial and Public requirement allowance for prospective population –variation in demand, Quantity of Water –estimating the quantity of water for a town or city, considering various modifying influences affecting consumption per capita, Estimating the quantity of water available from a source (surface water from rainfall and catchments and underground water by pumping and other methods), Sources of Water –impounded, perennial streams, artesian wells, shallow wells, deep well and infiltration galleries, Quality of Water – Pollution, contamination and infection waterborne diseases, sanitary survey conservation of infection waterborne diseases, sanitary survey conservation of catchments and basin, Water analysis, physical bacterial, chemical and microscopic, Protection of water supplies –control of algae, river pollution and its control, Purity of water, PH value, Construction of water works – General principles of economics, construction and arrangement of the several types of water intake works for different sources, Purification of water –study of impurities (suspended, dissolved and colloidal) plain sedimentation, with coagulation, types of coagulants and their uses, slow and rapid filtration, pressure and other filters modern methods of sterilization and ariation –purification of water for industrial use, different methods, Pumping and Distribution system –System of supply, construction of piupe line and conduits pumping machinery service reservoirs, balancing reservoirs, stand pipes and water towers, Distribution system(grid iron, dea-end and ring system), Appurtenances such as valves, hydrant, rate controllers and meters, expansion joints ,manholes, Principles to be followed in the design of distribution system, maintenance and repairs, detection of leakages, prevention of waste.</p>	AVAILABLE
KPWD -72	<p>Basic Level Public Health Engineering (PHE) Sanitary Engineering (SE): Drainage and Sewerage –Objects of Scheme –surface drainage, underground severage systems and the general arrangement of the several works, principles of design, Data to be collected, allowances for inclusions of the foul part of the rain fall, size velocity and gradients of sewers, Selection of suitable system and evolution of a scheme, design of the several necessary works of a sewer lines,. House Drainage –Water closets, taps, soil and other pipes, sinks, invotories, urinals and baths, The sewer line –laying, joinging and testing of sewer, Construction of manholes, flushing tanks. Over flows junctions, catch-basin inverted siphons and public conveniences, maintenance of sewer lines, Pumping sewage – Treatment of sewage before disposal objects. Characteristics of sewage, Modern methods of treatment including diffused air and other process, Collection and disposal of solid refuse, Screening and pulverising -various methods of composting –utilization and disposal, Elements of Public Health Engineering –Latrines, Drainage refuse collection and disposal, plumbing, fooldand milk sanitation, restaurants, market places, slaughter houses, cemeteries, parks, hospitals, playgrounds and cinema halls, Elements of town Planning –Housing, Zoning, Lighting and Ventilation factors, Dust control, Developing environment beautifyingtown, malaria control, fly and rodent control, rural sanitation. Fairs and festivals and disinfection.</p>	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -73	<p>Basic Level High Way Engineering (HE) Roads: General-Importance of highway developments, Highway Economics and Highway financing and Highway system, Surveys-Highway planning surveys, location surveys and soil surveys, Presentation of data in terms of charts and tables(urban and rural areas),Highway plans and specifications, Highway Design-Geometric design-Rights of way. Highway capacity, design speeds cross section sight distances, grade line, alignments, channelisation, inter sections and inter changes, grade separators, rotary inter sections etc., Highway Construction-Urban and Rural areas, economic principles: drainage of road way and road side and subsoil drainage and hydrology, hydraulical design principles, drainage structures, Highway Construction –Site Clearance, different types of road rollers, earth moving equipment and construction equipment Modern highway practices of construction. Specifications for highway materials and construction, Highway Construction -Surface maintenance, shoulder and approach maintenance, snow and ice control, bridge and culvert maintenance etc., Traffic service and maintenance cost.</p>	AVAILABLE
KPWD -74	<p>Basic Level High Way Engineering (HE) Bridges : ATE for design,Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Emperical formulas, Rational method Probability method and Unit graph method, Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension andMoveable-span bridges, Design of floor system and different types of bearing specification for Railway and Highway bridges.</p>	AVAILABLE
KPWD -75	<p>Basic Level Construction Technology Management (CTM) : Quantitiative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas, Rehabilitation of structures, Costruction economics and finance, Construction management and computer application, Mechanisation in construction, State laws governing construction.</p>	AVAILABLE
KPWD -76	<p>Basic Level Advanced Structures (AS): Compound stresses and strains -Mohar’s Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure, Strain Energy Methods –Deflection of simple trusses strain every methods applied to simple beams and trusses, Castigliano’s Theorem I and its application to simple cases, Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution, Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus, Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading, Influence lines of reaction, shear force, bending moment and deflection, Reversal of stress under live load, Williot-Mohr’s diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines.</p>	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -77	Advanced Level General Aptitude : Number System, Decimals, HCF& LCM, Ratio & Proportion, Percentage, Partnership, Average, Profit & Loss, Simple Interest & Compound Interest, Fractions, Simplifications, Time & Work, Time & Distance, Data Interpretation (Graphs and Tables), Logical thinking, Basic Algebra, Trigonometry, Square Root & Cube Root.	AVAILABLE
KPWD -78	Advanced Level General Studies - 1 : Covering General Knowledge topics relating to Current Events, General Science.	AVAILABLE
KPWD -79	Advanced Level General Studies - 2 : Indian History, Indian Geography.	AVAILABLE
KPWD -80	Advanced Level General Studies - 3 : Social Science, Matters of every day observation and practical knowledge as may be expected of a person who as passed the prescribed qualifying examination.	AVAILABLE
KPWD -81	Basic Public Health Engineering (PHE) Water Supply (WS) : Value and Importance of water Supply –Domestic, Commercial and Public requirement allowance for prospective population –variation in demand, Quantity of Water –estimating the quantity of water for a town or city, considering various modifying influences affecting consumption per capita, Estimating the quantity of water available from a source (surface water from rainfall and catchments and underground water by pumping and other methods), Sources of Water –impounded, perennial streams, artesian wells, shallow wells, deep well and infiltration galleries, Quality of Water –Pollution, contamination and infection waterborne diseases, sanitary survey conservation of infection waterborne diseases, sanitary survey conservation of catchments and basin, Water analysis, physical bacterial, chemical and microscopic, Protection of water supplies – control of algae, river pollution and its control, Purity of water, PH value, Construction of water works –General principles of economics, construction and arrangement of the several types of water intake works for different sources, Purification of water –study of impurities (suspended, dissolved and colloidal) plain sedimentation, with coagulation, types of coagulants and their uses, slow and rapid filtration, pressure and other filters modern methods of sterilization and ariation –purification of water for industrial use, different methods, Pumping and Distribution system –System of supply, construction of piupe line and conduits pumping machinery service reservoirs, balancing reservoirs, stand pipes and water towers, Distribution system(grid iron, dea-end and ring system), Appurtenances such as valves, hydrant, rate controllers and meters, expansion joints ,manholes, Principles to be followed in the design of distribution system, maintenance and repairs, detection of leakages, prevention of waste.	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -82	<p>Basic Level Public Health Engineering (PHE) Sanitary Engineering (SE): Drainage and Sewerage –Objects of Scheme –surface drainage, underground severage systems and the general arrangement of the several works, principles of design, Data to be collected, allowances for inclusions of the foul part of therainfall, size velocity and gradients of sewers, Selection of suitable system and evolution of a scheme, design of the several necessary works of a sewer lines,. House Drainage –Water closets, taps, soil and other pipes, sinks, invotories, urinals and baths, The sewer line –laying, joining and testing of sewer, Construction of manholes, flushing tanks. Over flows junctions, catch-basin inverted siphons and public conveniences, maintenance of sewer lines, Pumping sewage –Treatment of sewage before disposal objects. Characteristics of sewage, Modern methods of treatment including diffused air and other process, Collection and disposal of solid refuse, Screening and pulverising -various methods of composting –utilization and disposal, Elements of Public Health Engineering –Latrines, Drainage refuse collection and disposal, plumbing, fooldand milk sanitation, restaurants, market places, slaughter houses, cemeteries, parks, hospitals, playgropunds and cinema halls, Elements of town Planning –Housing, Zoning, Lighting and Ventilation factors, Dust control, Developing environment beautifyingtown, malaria control, fly and rodent control, rural sanitation. Fairs and festivals and disinfection.</p>	AVAILABLE
KPWD -83	<p>Basic Level High Way Engineering (HE) Roads: General-Importance of highway developments, Highway Economics and Highway financing and Highway system, Surveys-Highway planning surveys, location surveys and soil surveys, Presentation of data in terms of charts and tables(urban and rural areas),Highway plans and specifications, Highway Design-Geometric design-Rights of way. Highway capacity, design speeds cross section sight distances, grade line, alignments, channelisation, inter sections and inter changes, grade separators, rotary inter sections etc., Highway Construction-Urban and Rural areas, economic principles: drainage of road way and road side and subsoil drainage and hydrology, hydraulical design principles, drainage structures, Highway Construction –Site Clearance, different types of road rollers,earth moving equipment and construction equipment Modern highway practices of construction. Specifications for highway materials and construction, Highway Construction -Surface maintenance, shoulder and approach maintenance, snow and ice control, bridge and culvert maintenance etc., Traffic service and maintenance cost.</p>	AVAILABLE
KPWD -84	<p>Basic Level High Way Engineering (HE) Bridges : ATE for design,Hydrologic investigation of the watershed area, Flood estimation for bridge water ways by Emperical formulas, Rational method Probability method and Unit graph method, Practical rules of design and economic Span Types of Bridges such as Deck and through bridges Bowstring, suspension andMoveable-span bridges, Design of floor system and different types of bearing specification for Railway and Highway bridges.</p>	AVAILABLE

TEST No	TEST NAME : SYLLABUS	TEST STATUS NOW
KPWD -85	Basic Level Construction Technology Management (CTM) : Quantitative methods in construction , Construction, planning and control, Advances in construction materials, Construction in disaster prone areas, Rehabilitation of structures, Construction economics and finance, Construction management and computer application, Mechanisation in construction, State laws governing construction.	AVAILABLE
KPWD -86	Basic Level Advanced Structures (AS): Compound stresses and strains -Mohar's Circle and its application. Compound strains, Principle strains, graphical solutions, Effects of temperature on Mechanical properties of materials, Theories of elastic failure, Strain Energy Methods –Deflection of simple trusses strain energy methods applied to simple beams and trusses, Castigliano's Theorem I and its application to simple cases, Analysis of continuous beams, propped cantilevers, fixed beams, Slope-deflection equation and moment distribution, Three hinged arches, Lines of resistance through hinged arches under dead and live loads, Influence lines for horizontal thrust and bending moment, Reaction locus, Rolling loads-curves of maximum bending moments and maximum shear forces, the enveloping parabola and determination of equivalent uniformly distributed load under different system of loading, Influence lines of reaction, shear force, bending moment and deflection, Reversal of stress under live load, Williot-Mohr's diagram, Determination of stresses in the members of the frames due to rolling loads –influence lines.	AVAILABLE

MOCK TEST - 1 (General Paper)

- Test carries 200 marks and 90 minutes duration.
- Test consists of 200 one mark questions

TEST No	TEST NAME	TEST STATUS NOW
KPWD -87	Full Length Mock Test - 1	AVAILABLE

MOCK TEST - 2 (Specific Paper)

- Test carries 200 marks and 120 minutes duration.
- Test consists of 200 one mark questions

TEST No	TEST NAME	TEST STATUS NOW
KPWD -88	Full Length Mock Test - 2	AVAILABLE