

ANALYSIS OF 2019 PWD -AE-BY Sanpoint

Sr. no	Subject		Topic	Subtopics	No.of Questions
1	ENVIRONMENTAL ENGINEERING				
		A	Water supply		13
				pH	
				Hardness	
				Sedimentation	
				Disinfection	
		B	Water Waste		8
				Bod**	
				Activated Sludge Process	
				Trickling Filters	
2	SOLID MECHANICS				
		A	Simple Stress and Strain		9
		B	SFD & BMD		6
		C	Principal Stresses & Strains		7
		D	Deflection		8
		E	Truss		3
3	STRUCTURAL ANALYSIS				
		A	ILD		2
		B	Arches		1
		C	Fixed End Moment		2
		D	Suspended Cable		1
4	BRIDGES				
		A	Hydrology		2
				Unit Hydrograph	
				Rational Formula	
		B	Irrigation		1
				Lacy's Scour Depth	
		C	Bridge		4
				Suspension Bridge	
				IRC code	
5	HIGHWAY ENGINEERING				
		A	Highway Development ,Survey		2
		B	Geomatic Design		7
		C	Pavement Design		3
		D	Pavement Maintenance & Construction		6
		E	Sub-surface Drainage		2
		F	Parking Probability		1
6	CONSTRUCTION TECHNOLOGY AND MANAGEMENT				
		A	PERT-CPM		5
		B	Quantitative Methods of Construction		2
		C	Construction Economics & Finance		1
		D	Inventory		1
		E	Equipment		2
		F	Rehabilitation		1
				Total	100

Note: This is just Analysis of 2019 PWD AE Paper, and Not 100% Recommended for 2020 AE PWD Exam.