

Sr. No	Question	Answer1	Answer2	Answer3	Answer4	Correct Option
1	The storage capacity of a reservoir is determined by	Mass Curve	Analytical Method	Bar Graph Method	None Of Above	Answer1
2	Evaporation is maximum during	Low Temperature	High Temperature	Rainy Season	Night	Answer2
3	Dead storage in a reservoir is provided for	Sediment Deposition	Hydropower Generation	Irrigation Use	Residential Use	Answer1
4	Area increment method is studied in connection with	Sediment Deposition	Population Estimate	Discharge Measurement	Reservoir Capacity Estimate	Answer4
5	The difference in elevation between dam top and FRL is called as	Berm	Free Board	Bank Height	Wave Height	Answer2
6	Volume of water stored between normal reservoir level and maximum reservoir level is known as	Line Storage	Surcharge Storage	Valley Storage	Bank Storage	Answer2
7	Bank storage in reservoir is	Live Storage	Flood Storage	Conservation Storage	Bed And Bank Storage	Answer4
8	Silting of reservoir	Increases Storage Capacity	Reduces Storage Capacity	Reduces Evaporation	Increases Dead Storage	Answer2
9	Silt removal done by	Agitation	Evaporation	Chemicals	Energy Dissipation	Answer1
10	Evaporation loss expressed in	M ²	M ³	Centimeter	M ³ /Sec	Answer3
11	In computing the spilling capacity of high ogee spillways, the velocity head is usually :	Very small, and hence neglected	Very large, and hence cannot be neglected	neither (A) nor (B)	Medium and always considered	Answer1
12	The discharge passing over an ogee spillway, per unit length of its apex line, is proportional to : _____ (where H is the head over the apex of its crest.)	H	H ²	H ^{1/2}	H ^{3/2}	Answer4
13	The formation of a hydraulic jump at the foot of a spillway is one of the common methods of energy dissipation services, because :	It destroys more than 90% of the total energy by the turbulence produced in the jump	It reduces kinetic energy by increasing the depth of flow	Both A and B	Its action is not understood.	Answer3
14	The structure among the following, which is not used in a shaft spillway, is :	tunnel	bridge	radial gates	Radial piers.	Answer3
15	Morning glory' is the :	Special flared inlet of the shaft spillway of a dam of very small height	Special flared inlet of the shaft spillway of a large dam project	Horizontal tunnel constructed in a shaft spillway across the body of a gravity dam, to carry the surplus reservoir water to the downstream river	Horizontal tunnel constructed in the shaft spillway of an earthen dam through its foundation, to carry the surplus reservoir water to the downstream river	Answer2
16	A shaft spillway is located :	Inside the body of a gravity dam	Inside the upstream reservoir	Inside the downstream reservoir	On side flanks of the main dam.	Answer2
17	The syphons installed within a gravity dam, to spill the surplus reservoir water, are known as	Hooded type syphon spillway	Tilted outlet type syphon spillway	Both A and B	None of these.	Answer1
18	An air vent is provided at F.R.L. to break the syphoning action at that level, in a:	Hooded type of syphon spillway	Tilted outlet type of syphon spillway	Saddle syphon spillway	All of the above	Answer4
19	A ski-jump bucket is also known as :	Flip bucket	Solid roller bucket	Slotted roller bucket	None of these	Answer1
20	The percentage of energy dissipation in a hydraulic jump :	Increases with the increase in the Froude number (of the incoming flow)	Decreases with the increase in the Froude number	Remains unaffected with the increase in the Froude number	Increases with the increase in, Froude number up to a limit, and then decreases with further increase in Froude number.	Answer1
21	In case of design of sarda type fall the length of crest is kept equal to _____	Thickness Of The Canal	Bed Width Of The Canal	Water Depth In The Canal	Hydraulic Jump On The Fall	Answer2
22	Which of the following is a reason for surplus water present in a canal?	No Fall	No Proper Hydraulic Jump	No Proper Uniform Velocity Of Flow	Cultivators Closing Their Outlets Thinking Their Demand Is Over	Answer4
23	What is the other name for canal escape?	Canal Outlet	Escape	Surplus Water Escape	Canal Inlet	Answer3
24	What is the purpose of the regulator type escape?	To Remove Excess Silt	To Maintain Uniform Flow In The Canal	To Perform Proper Hydraulic Jump	For Distribution Of Discharge For The Canals	Answer1
25	To reduce the cost of the CD works we resort to _____	Fluming	Blocking Of Drain	Cut-Off	Lifting Of Canal Water	Answer1
26	The drainage water is sometimes allowed to join the canal water to augment canal supplies through a hydraulic structure is called as _____	Canal Outlet	Canal Inlet	Module	Level Crossing	Answer2

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27	On which factor does the movement of bedload depends?	Velocity Of Flow	Type Of Flow	Depth Of Flow	Width Of The River	Answer1
28	What type of force is completely responsible for the bedload movement?	Forces Of Turbulence	Drag Force	Capillary Force	Gravity Force	Answer2
29	In case of branch canals and distributary channels, the falls are located with consideration to	Command Area	Topography	Cost Economy	Availability Of Earth Material	Answer1
30	The relative bed levels of the canal and the drainage may be changed and manipulated by	Changing The Alignment	Changing The Positions Of The Water Table	Altering The Head Level	Use Of Dewatering Equipment	Answer1