

Hydraulics and Fluid Mechanics MCQ Questions and Answers Pdf

1. World's largest capacity hydro-electric generating plant is located in

- a. USA
- b. USSR
- c. Germany
- d. France

Ans: B

2. For Buttress dams, too steep slopes

- a. increase the tendency to sliding
- b. increase inclined stress at heel
- c. increase tendency to over turning
- d. increase stress at heels only

Ans: A

3. The magnitude of earthquake pressure on a dam varies as a function of

- a. frequency of vibration
- b. amplitude
- c. frequency of vibration and amplitude
- d. amplitude and intensity

Ans: C

4. The ratio of maximum load to the rated plant capacity is known as

- a. load factor
- b. utilization factor
- c. maximum load factor
- d. capacity factor

Ans: B

5. Critical speed of turbine is

- a. same as maximum operating speed

b. same as runaway speed

c. the speed at which shaft will break

d. the speed at which the number of natural vibrations or natural frequency equals the number of revolutions per minute

Ans: D

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