Unit 6: Water Resources

38 MCQs. Correct option in bold. 1 mark each.

1. Irrigation is the
A. study of rainfall
B. artificial application of water to land for crops
C. storage of floods in lakes
D. removal of salt from sea water

2. The biggest river of Pakistan is the
A. Jhelum B. Sutlej C. Ravi **D. Indus**

3. Tarbela Dam is on the river
A. Indus B. Jhelum C. Ravi D. Chenab

4. Mangla Dam is on the river
A. Sutlej B. Indus **C. Jhelum** D. Chenab

5. Tarbela is one of the biggest _____ dams in the world.
A. concrete arch **B. earth-filled**
C. wooden D. glass

6. Which is a tributary of the Indus?
A. Hingol B. Hab **C. Chenab** D. Soan

7. Salinity means that
A. salt builds up in the soil B. the water table falls
C. floods wash soil away D. rain stops

8. Waterlogging occurs when the
A. water table falls B. rain fails
C. river dries up **D. water table rises to the root zone**

9. A cause of salinity is irrigation with poor
A. fertilizer **B. drainage**
C. seeds D. tractors

10. The largest groundwater source of Pakistan is the
A. Indus Basin aquifer B. Balochistan aquifer
C. Punjab aquifer D. Salt Range aquifer

11. Groundwater is mostly used through
A. dams only B. glaciers
C. rain only **D. tube wells and hand pumps**

12. Over-extraction of groundwater causes
A. more rain B. floods
C. falling water tables D. rising water tables

13. Desalination is the removal of salt from
A. sea water B. glaciers C. rain D. soil

14. Desalination is suggested for
A. river banks B. forests
C. mountain areas **D. coastal areas**

15. Drip and sprinkler irrigation help to
A. raise salinity B. pollute rivers
C. reduce water wastage D. increase floods

16. Collecting and storing rain water is called
A. desalination **B. rainwater harvesting**
C. waterlogging D. transhumance

17. Dams and barrages help control
A. earthquakes B. droughts only
C. cyclones **D. floods**

18. Hydroelectric power from dams reduces dependence on
A. fossil fuels B. farming
C. rivers D. rainfall

19. A negative effect of large dams is
A. no effect B. cheaper food
C. displacement of villages D. more rainfall

20. Sediment slowly reduces a reservoir's
A. colour **B. storage capacity**
C. length D. height

21. The highest river flow in Pakistan is in
A. December to January B. October to November
C. July to September D. May to June

22. River flow is lowest in
A. August **B. May to June**
C. July to September D. December to January

23. Winter and spring flow is kept steady by
A. snow melt B. monsoon C. dams only D. cyclones

24. During the monsoon, water quality
A. stays the same B. becomes sea water
C. improves greatly **D. falls as floods carry contaminants**

25. Glacier water is of
A. poor quality B. no use
C. high quality D. salty quality

26. The Indus Waters Treaty regulates water sharing between Pakistan and
A. Iran B. China
C. Afghanistan **D. India**

27. Which is an advantage of Pakistan's irrigation system?
A. Falling water tables **B. More crops each year**
C. Water theft D. Waterlogging

28. Wheat, rice and cotton are linked to
A. food security through irrigation B. fishing
C. desert growth only D. tourism

29. A disadvantage of the irrigation system is
A. flood control **B. unfair distribution and water theft**
C. food security D. hydropower

30. Wastewater should be _____ before release into rivers.
A. treated B. heated C. frozen D. stored

31. Regulating groundwater extraction helps to
A. increase waste B. cause salinity
C. dry rivers **D. recharge aquifers**

32. Small dams and ponds are useful in
A. mountain peaks only B. oceans
C. rural areas D. deserts only

33. Which aquifer supports farming in Balochistan?
A. Sindh aquifer B. Punjab aquifer
C. Indus Basin aquifer **D. Balochistan Plateau aquifer**

34. Over-extraction in the Punjab aquifer can cause falling water tables and
A. glaciers B. heavy rain
C. salinity D. more fish

35. The Jhelum river flows through Punjab and
A. Gilgit-Baltistan **B. Azad Jammu and Kashmir**
C. Balochistan D. Sindh

36. Flood water stored in reservoirs can be used in
A. dry spells B. snow storms
C. earthquakes D. cyclones

37. Public awareness helps to
A. pollute water B. block rivers
C. save water D. waste water

38. Reservoirs and canals allow farming
A. only in spring **B. all year round**
C. only in monsoon D. only in winter