

**TEST – 7 (Textbook)**  
**( INSTA Prelims Test Series 2021 )**

- 21. Soils with high pH are usually treated by adding**  
A. Lime (Calcium carbonate) B. Gypsum  
C. Sulphur dioxide concentrate D. Nitrogen dioxide concentrate
- 22. Consider the following about the International Financial Services Centres (IFSC).**  
1. An IFSC caters mainly to customers outside the jurisdiction of the domestic economy.  
2. They do not take part in fund-raising services for individuals, corporations or governments.  
3. IFSCs cannot be setup in Special Economic Zones (SEZs) or Export Processing Zones (EPZs).  
Which of the above is/are correct?  
A. 1 only B. 2 and 3 only C. 1 and 2 only D. 1, 2 and 3
- 23. Consider the following about the “Ring of Fire”.**  
1. The basin lies primarily in the Atlantic Ocean.  
2. It is shaped like a horseshoe with a nearly continuous series of oceanic and volcanic trenches .  
3. It is home to over three-fourths of the world's active and dormant volcanoes.  
Select the correct answer using the codes below.  
A. 1 and 3 only B. 2 and 3 only C. 1 only D. 1, 2 and 3
- 24. The correct order of decreasing abundance of these elements in Earth’s crust**  
A. Oxygen, silicon, aluminium, iron, calcium B. Silicon, iron, oxygen, calcium, aluminium  
C. Iron, oxygen, silicon, aluminium, calcium D. Silicon, aluminium, iron, oxygen, calcium
- 25. Which of the following roles is/are played by Absciscic acid (ABA) in plant development?**  
1. It is known as a stress hormone.  
2. It acts as a general plant growth inhibitor and an inhibitor of plant metabolism.  
Which of the above is/are correct?  
A. 1 only B. 2 only C. Both 1 and 2 D. None
- 26. Consider the following statements.**  
1. Coriolis force acting on the fluid in river water deflects it like it deflects the wind.  
2. Coriolis force is generated mainly by the revolution of earth around the Sun.  
Select the correct answer using the codes below.  
A. 1 only B. 2 only C. Both 1 and 2 D. None
- 27. Data sonification, recently seen in news, refers to the**  
A. employment of big data in avionics  
B. improvement of transfer of data speeds on remote internet  
C. increasing prevalence of satellite based internet vis-à-vis optical fibre  
D. use of sound values to represent real data
- 28. Chlorophyll formation in plants is boosted by the availability of which of these micronutrients?**  
1. Magnesium 2. Iron 3. Copper  
Which of the above is/are correct?  
A. 1 and 2 only B. 2 only C. 3 only D. 1, 2 and 3
- 29. Agulhas current is a major ocean current in the**  
A. Indian ocean B. Atlantic ocean C. Pacific ocean D. Southern ocean
- 30. Arrival of southwest monsoons after Summer Solstice leads to which of the following phenomenon in India?**  
1. The temperature at tropics gets higher than that of regions near equator.  
2. Brings Western Disturbances to India  
Which of the above is/are correct?  
A. 1 only B. 2 only C. Both 1 and 2 D. None
- 31. “High ranges of tides” are usually witnessed in the areas of Alaska, Canada, and northern Europe. Which of the following explain the same?**  
1. Higher latitudes of these regions  
2. Geographical constriction of the oceans due to landmass distribution  
3. Heavy storm waters coinciding with major tidal events  
Select the correct answer using the codes below.  
A. 1, 2 and 3 B. 1 and 2 only C. 2 only D. 1 and 3 only