1. **B.** The physical material present on the land surface
2. **D.** Political boundary
3. **A.** Land cover refers to physical features; land use refers to human activity
4. **A.** FAO Land Cover Classification System (LCCS)
5. **C.** Soil pH level
6. **A.** NDVI (Normalized Difference Vegetation Index)
7. **A.** Class I
8. **A.** Satellite remote sensing
9. **A**. Urban and built-up areas
10. **A.** To enable reliable environmental monitoring and resource management
11. **B.** To identify temporal changes in land cover
12. **B.** Satellite imagery and aerial photographs
13. **C.** Post-classification comparison
14. **B.** Monitor vegetation cover change
15. **B.** Lets the computer automatically group pixels into classes
16. **B.** It is highly sensitive to classification errors in the individual images
17. **A.** Subtracting pixel values of one date from another
18. **B.** NDWI (Normalized Difference Water Index)
19. **A.** Cloud cover in satellite images
20. **B.** Maximum likelihood classification