

SCIENCE QUIZ

Kumud Bala

1. Soil is the component of -----
(A) atmosphere (B) hydrosphere (C) lithosphere (D) none of the above
2. Air is a mixture of -----
(A) nitrogen oxygen methane carbon dioxide
(B) nitrogen oxygen carbon dioxide water vapours
(C) nitrogen carbon dioxide oxygen carbon monoxide
(D) nitrogen oxygen carbon monoxide water vapours
3. Which one is inexhaustible resource?
(A) fossil fuel (B) minerals (C) soil (D) solar radiation
4. Cloud formation takes place in which part of the atmosphere?
(A) troposphere (B) stratosphere (C) thermosphere (D) ozonosphere
5. To which height is ozonosphere present over the equator
(A) 11 to 16 km (B) 23 to 25 (C) 16 to 20 km (D) 10 to 12 km
6. Rajasthan and Gujarat fall under -----
(A) semiarid zone (B) arid zone (C) intermediate zone (D) wet zone
7. SPM includes -----
(A) fly ash (B) dust (C) soot and smoke (D) all the above
8. Which of the following is a secondary pollutant?
(A) PAN (B) particulate matter (C) hydrocarbons (D) chlorofluorocarbons
9. Photochemical smog is formed by ----
(A) NO₂ (B) SO₂ (C) CO₂ (D) CO
10. Cause of water pollution are -----
(A) inorganic (B) organic (C) biological (D) all of these
11. Run -off from fertilizers -rich crop field causes -----
(A) turbidity of water bodies
(B) precipitation of toxicants
(C) eutrophication of water bodies
(D) thermal pollution of water bodies

12. Cadmium pollution of water body produces a disease of human called ----
(A) plumbism (B) black foot diseases
(C) methemoglobinemia (D) itai -itai
13. Percolation tanks and wells are used for -----
(A) irrigation (B) harvesting of flood water
(C) supply of drinking water (D) all of the above
14. Which of the following soil is transported by air?
(A) alluvial (B) aeolian (C) elluvial (D) glacial
15. Soil that is best suited for plant growth is -----
(A) clayey (B) loam (C) sandy (D) gravel
16. Sun causes weathering of rocks through -----
(A) mechanical force (B) physical phenomena
(C) chemical change (D) biological
17. Biological weathering is caused by -----
(A) lichens (B) mosses (C) roots of plants (D) all the above
18. Wind breaks are---
(A) raising edge of fields
(B) growing grasses alternating with crops
(C) mud walls
(D) rows of trees and shrubs
19. Signs of eutrophication of water bodies include ---
(A) reduced oxygen demand
(B) rapid decomposition of organic matter
(C) algal bloom
(D) fluorosis
20. Minamata human disease is caused by pollution of water by ---
(A) cadmium (B) lead (C) mercury (D) arsenic
21. Green plants in an ecosystem are called -----
(A) producers (B) consumers (C) decomposers (D) none of the above
22. Ecosystem comprises both abiotic and biotic components. Biotic components of an ecosystem consists of -----
(A) producers (B) consumers (C) decomposers (D) all of the above

23. Name the gas which plays a major role in global warming.
 (A) carbon monoxide (B) nitrous oxide (C) carbon dioxide (D) sulphur dioxide
24. Greenhouse effect is caused by ----
 (A) green plants (B) infrared rays (C) UV- rays (D) X- rays
25. Ozone hole over Antarctica appears during ----
 (A) spring (B) summer (C) autumn (D) winter

21. (A) |
 22. (D) |
 23. (C) |
 24. (B) |
 25. (A) |
 11. (C) |
 12. (D) |
 13. (D) |
 14. (B) |
 15. (B) |
 16. (B) |
 17. (D) |
 18. (D) |
 19. (C) |
 20. (C) |
 1. (C) |
 2. (B) |
 3. (D) |
 4. (A) |
 5. (B) |
 6. (B) |
 7. (D) |
 8. (A) |
 9. (A) |
 10. (D) |

ANSWERS