

21. A trophic level refers to:

- (a) Area in the tropics
- (b) An organism's portion in a food chain
- (c) An organism's position in an ecosystem
- (d) An organism's position in a biome

22. In a food chain animals constitute the:

- (a) First trophic level
- (b) Second trophic level
- (c) Intermediate trophic level
- (d) Ultimate trophic level

23. The food chain in which microorganisms breakdown dead producers is called:

- (a) Consumer food chain
- (b) Predator food chain
- (c) Parasitic food chain
- (d) Detritus food chain

24. Food chain starts with

- (a) Producer
- (b) Herbivores
- (c) Carnivores
- (d) Omnivores

25. In a food chain, humans are

- (a) Secondary consumers
- (b) Primary consumer
- (c) Producers
- (d) Primary and secondary consumers both

26. Which one is the correct food chain?

- (a) Phytoplankton → Zooplankton → Fish
- (b) Zooplankton → Phytoplankton → Fish
- (c) Zooplankton → Protozoans → Fish
- (d) Grass → Fish → Zooplankton

27. A food web consists of

- (a) Interlocking food chains
- (b) Producers, consumers and decomposers
- (c) A portion of a food chain
- (d) A set of similar consumers

28. Food webs are

- (a) One kind of food
- (b) Not related to food chains at all
- (c) Inter-connected arrangement of food chains
- (d) Linear arrangement of food chains

29. Pyramid of number is given by

- (a) Haeckel
- (b) Odum
- (c) Elton
- (d) Tansely

30. Which ecological pyramid is always upright?

- (a) Pyramid of number
- (b) Pyramid of biomass
- (c) Pyramid of energy
- (d) Pyramid of number and biomass

### Answer

21. (c); 22. (c); 23. (d); 24. (a); 25. (d); 26. (a); 27. (a); 28. (c); 29. (c); 30