

# QB365 Question Bank Software Study Materials

## Zoology - Environmental Issues 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Biology

Reg.No. :

Time : 01:00:00 Hrs

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Right to Clean Water is a fundamental right, under the Indian Constitution  
(a) Article 12    **(b) Article 21**    (c) Article 31    (d) Article 41
- 2) The 'thickness' of Stratospheric Ozone layer is measured in/on:  
(a) Sieverts units    **(b) Dobson units**    (c) Melson units    (d) Beaufort Scale
- 3) As per 2017 statistics, the highest per capita emitter of Carbon dioxide in the world is  
(a) USA    **(b) China**    (c) Qatar    (d) Saudi Arabia
- 4) The use of microorganism metabolism to remove pollutants such as oil spills in the water bodies is known as  
(a) Biomagnification    **(b) Bioremediation**    (c) Biomethanation    (d) Bioreduction
- 5) Which among the following always decreases in a Food chain across tropic levels?  
(a) Number    (b) Accumulated chemicals    **(c) Energy**    (d) Force
- 6) In the E- waste generated by the Mobile Phones, which among the following metal is most abundant?  
**(a) Copper**    (b) Silver    (c) Palladium    (d) Gold
- 7) SMOG is derived from:  
(a) Smoke    (b) Fog    **(c) Both (a) and (b)**    (d) Only A
- 8) Excess of fluoride in drinking water causes:  
(a) Lung disease    (b) Intestinal infection    **(c) Fluorosis**    (d) None of the above
- 9) \_\_\_\_\_ is/are an ideal disinfectant for waste water.  
**(a) U-V Rays**    (b) Chlorination    (c) Boiling    (d) Ozonisation
- 10) With which of the following, the Agenda 21' of Rio Summit, 1992 is related to?  
(a) Sustainable development    **(b) Combating the consequences of population**  
(c) Mitigation norms of Green House Gases (GHGs) emission  
(d) Technology transfer mechanism to developing countries for 'clean-energy' production
- 11) Which among the following awards instituted by the Government of India for individuals or communities from rural areas that have shown extraordinary courage and dedication in protecting Wildlife?  
(a) Indira Gandhi Paryavaran Puraskar    (b) Medini Puruskar Yojana    **(c) Amrita Devi Bishnoi Award**  
(d) Pitambar Pant National Award
- 12) The Ozone Day is observed every year on September 16 as on this day in 1987 the \_\_\_\_\_ was signed for launching efforts to arrest the depletion of the fragile ozone layer in the stratosphere that prevents the harmful ultra-violet rays of the sun from reaching the earth. Fill the correct word in blank.  
**(a) Montreal Protocol**    (b) Geneva Protocol    (c) Kyoto Protocol    (d) Nagoya Protocol

is an example for a non persistent pollutant.

- 13) \_\_\_\_\_  
 (a) DDT (b) **Vegetable waste** (c) Plastic (d) Mercury
- 14) Oil spills can lead to \_\_\_\_\_  
 (a) **increase of BOD** (b) decrease of BOD (c) No change in BOD (d) None of the above
- 15) Incineration is the best method to dispose \_\_\_\_\_  
 (a) Agricultural waste (b) Sewage (c) **Medical waste** (d) Oil spills
- 16) \_\_\_\_\_ is not a green house gas.  
 (a) **CO<sub>2</sub>** (b) Methane (c) PAN (d) Nitrous oxide
- 17) PCB is a major component of \_\_\_\_\_  
 (a) **e-waste** (b) Agro waste (c) sewage (d) Plastics
- 18) DB is a standard abbreviation used for the quantitative expression of  
 (a) The density of bacteria in a medium (b) **A particular pollutant** (c) The dominant bacillus in a culture  
 (d) A certain pesticide
- 19) Which one of the following expanded forms of the following acronyms is correct?
- (a) 

|      |                                     |
|------|-------------------------------------|
| UNEP | United Nations Environmental Policy |
|------|-------------------------------------|

 (b) 

|     |                                |
|-----|--------------------------------|
| EPA | Environmental Pollution Agency |
|-----|--------------------------------|
- (c) 

|             |   |
|-------------|---|
| <b>IUCN</b> | <b>International Union for Conservation of Nature and Natural Resources</b> |
|-------------|---|
- (d) 

|      |  |
|------|--|
| IPCC | International Penal for climate Change |
|------|--|
- 20) In an area, where DDT had been used extensively the population of birds declined significantly because  
 (a) Birds stopped laying eggs (b) Earthworms in the area got eradicated (c) Cobras were feeding exclusively on birds.  
 (d) **Many of the birds eggs laid, did not hatch.**
- 21) Rachel Carson's famous book 'Silent Spring' is related to  
 (a) **Pesticide pollution** (b) Noise Pollution (c) Population explosion (d) Ecosystem management
- 22) A river with an inflow of domestic sewage rich in organic waste may result in:  
 (a) Drying of the river very soon due to algal bloom (b) Increased population of aquatic food web organisms  
 (c) An increased production of fish due to biodegradable nutrients (d) **Death of fish due to lack of oxygen**
- 23) Average human consumption of oxygen per day is \_\_\_\_\_  
 (a) 280 L (b) **550 L** (c) 620 L (d) 730 L
- 24) According to noise pollution rules 2000, the permissible level of noise in commercial area is \_\_\_\_\_ during day and \_\_\_\_\_ during night  
 (a) 55 db, 65 db (b) **65 db, 55 db** (c) 70 db, 60 db (d) 75 db, 65 db
- 25) Which is not a physical method of waste water treatment.  
 (i) Flootation  
 (ii) Filtration  
 (iii) Phydro remediation  
 (iv) Oxidation

- (a) i and iii (b) ii and iv (c) i and ii **(d) iii and iv**
- 26) The molecular formula for ozone is\_\_\_\_\_
- (a) O<sub>2</sub> (b) O<sub>4</sub> **(c) O<sub>3</sub>** (d) O<sub>7</sub>
- 27) World Ozone Day was observed on\_\_\_\_\_
- (a) September 16<sup>th</sup>** (b) October 12<sup>th</sup> (c) December 1<sup>st</sup> (d) August 18<sup>th</sup>
- 28) Identify the incorrect statement.
- (i) EcoSan toilets is a sustainable way for handling human excreta by using dry composting toilets  
(ii) It reduces waste water generation  
(iii) It is based on recovery and recycling of nutrients from excreta  
(iv) EcoSan toilets are used in several parts of India and Srilanka.
- (a) i and ii only (b) iii and iv only (c) all the above **(d) none of the above**
- 29) What is the name of the action plan for sustainable development framed in Rio conference in 1992?
- (a) Action 21 (b) Declaration 21 (c) Protocol 21 **(d) Agenda 21**
- 30) Eutrophication is a result of\_\_\_\_\_
- (a) Agricultural and sewage waste (b) Vehicle emission **(c) Pesticides** (d) Industrial effluent
- 31) BOD stands for\_\_\_\_\_
- (a) Biological Oxidation Demand** (b) Biotic Oxygen Deficient (c) Biological Oxygen Deficit  
(d) Biochemical Oxidation Deficit
- 32) Treatment of sewage involves
- (a) Flootation, Filtration and Sedimentation of suspended particles (b) Aerating it for bacterial action  
(c) Removal of nitrates and phosphates **(d) All of the above**
- 33) Assertion (A): Ozone layer protects the UV rays entering the Earth.  
Reason (R): UV rays may cause melanoma
- (a) A is right R is wrong (b) A is wrong R is right (c) Both A and R are correct **(d) R explains A**
- 34) The most abundant green house gas is\_\_\_\_\_.
- (a) Carbon-dioxide** (b) Methane (c) Sulphur-dioxide (d) Nitrous oxide
- 35) Dysentery spread due to
- (a) Food adulteration (b) Humid weather **(c) Water pollution** (d) Air pollution
- 36) Aerosols are released by
- (a) Industries **(b) Aeroplanes** (c) Mining (d) Fertilizers
- 37) Chlorosis in plants is caused by
- (a) CO pollution **(b) SO<sub>2</sub> pollution** (c) NO<sub>2</sub> pollution (d) Soot particles
- 38) Major aerosol pollutants present in the jet plane emission is
- (a) Carbon monoxide (b) Fluorocarbon **(c) Carbon tetrachloride** (d) Sulphur dioxide
- 39) Which of the following groups of plants can be used as a indicators of SO<sub>2</sub> pollution of air?
- (a) Ferns **(b) Epiphytic lichens** (c) Liverworts (d) Horn worts
- 40) Which of the following on inhalation dissolves in the blood haemoglobin more rapidly than oxygen?
- (a) Sulphur dioxide (b) Ozone **(c) Carbon monoxide** (d) Nitrous oxide

- 41) Gas leaked in Bhopal tragedy was  
(a) Potassium isothiocyanate (b) Sodium isothiocyanate (c) Ethyl isothiocyanate **(d) Methyl isocyanate**
- 42) Who is honoured as Forest man of india?  
(a) Sunderlal Bahuguna **(b) Jadav payeng** (c) Amrinder Singh (d) M.S.Swaminathan
- 43) Acid rain is caused by increase in the atmospheric concentration of \_\_\_\_\_  
(a) SO<sub>3</sub> & CO (b) CO<sub>2</sub> & CO (c) O<sub>3</sub> & dust **(d) SO<sub>2</sub> & NO<sub>2</sub>**
- 44) A location with luxuriant growth of lichens of the trees indicates that the  
(a) Trees are very healthy (b) Trees are heavily infested (c) Location is highly Polluted **(d) Location is not Polluted**
- 45) Secondary sewage treatment is mainly a  
(a) Physical Process (b) Mechanical process (c) Chemical process **(d) Biological process**
- 46) A renewable exhaustible natural resource is  
(a) Coal (b) Petroleum (c) Minerals **(d) Forest**
- 47) River water deposits  
(a) Loamy soil **(b) Alluvial soil** (c) Laterite soil (d) Sandy soil
- 48) Expansion of DDT  
(a) Dichloro Diethyle Trichloromethane (b) Dichloro Diphenyl Trichloroacetic **(c) Dichloro Diphenyl Trichloroethane**  
(d) Dimethyl Diphenyl Trichloroethane
- 49) The primary treatment of waste water treatment is.  
(a) Removal of microbes by the application of chlorine **(b) Physical removal of solid particles**  
(c) Anaerobic digestion of sludge (d) Large aeration of the water
- 50) A river with an inflow of domestic sewage rich inorganic waste may result in  
(a) Drying of the river very soon due to algal bloom. (b) Increased population of aquatic foodweb organisms.  
(c) An increased production of fish due to biodegradable nutrients. **(d) Death of fish due to lack of O<sub>2</sub>.**