

QB365 Question Bank Software Study Materials

Zoology - Biodiversity and its Conservation 50 Important 1 Marks Questions With Answers (Book Back and Creative)

12th Standard

Biology

Total Marks : 50

Multiple Choice Question

50 x 1 = 50

- 1) Which of the following region has maximum biodiversity
(a) Taiga (b) **Tropical forest** (c) Temperate rain forest (d) Mangroves
- 2) Conservation of biodiversity within their natural habitat is
(a) **Insitu conservation** (b) Exsitu conservation (c) In vivo conservation (d) In vitro conservation
- 3) Which one of the following is not coming under insitu conservation
(a) Sanctuaries (b) Natural parks (c) **Zoological park** (d) Biosphere reserve
- 4) Which of the following is considered a hotspots of biodiversity in India?
(a) Western ghats (b) Indo-gangetic plain (c) Eastern Himalayas (d) **Both (a) and (c)**
- 5) The organization which published the red list of species is
(a) WWF (b) **IUCN** (c) ZSI (d) UNEP
- 6) Who introduced the term biodiversity?
(a) Edward Wilson (b) **Walter Rosen** (c) Norman Myers (d) Alice Norman
- 7) Which of the following forests is known as the lungs of the planet earth?
(a) Tundra forest (b) **Rain forest of north east India** (c) Taiga forest (d) Amazon rain forest
- 8) Which one of the following are at high risk extinction due to habitat destruction?
(a) **Mammals** (b) Birds (c) Amphibians (d) Echinoderms
- 9) Assertion(A): The Environmental conditions of the tropics are favourable for speciation and diversity of organisms.
Reason(R): The climate seasons, temperature, humidity and photoperiod are more or less stable and congenial.
(a) **Both Assertion and Reason are true and Reason explains Assertion correctly.**
(b) Both Assertion and Reason are true but Reason is not the correct explanation of Assertion.
(c) Assertion is true, but Reason is false. (d) Both Assertion and Reason are false.
- 10) The Species-Area relationship was given by _____
(a) Walter Rosen (b) **Humboldt** (c) Wilson (d) Darwin
- 11) The grizzled squirrel and lion tailed Macaque are endemic to _____
(a) Semi-Arid zone (b) Indian Desert (c) **Western Ghats** (d) Eastern Ghats
- 12) _____ is a biographical gateway for much of India's flora and fauna.
(a) **North East India** (b) Coastal Region (c) Trans Himalayan region (d) Sunderbans
- 13) _____ is not a threat to biodiversity.
(a) Fragmentation (b) Habitat loss (c) **Species diversity** (d) Extinction

- 14) _____ is not a exotic species.
(a) Amazon sailfin catfish (b) Mealy Bug **(c) Narcondam horn bills** (d) Achatina fulica
- 15) Death of _____ population is attributed to the medicine Diclofenac.
(a) Sparrow (b) Squirrel **(c) Vulture** (d) deer
- 16) _____ is not a hotspot in India.
(a) Sunderbans **(b) Pichavaram** (c) Himalayas (d) Western Ghats
- 17) IUCN has its headquarters in _____
(a) New York (b) New Delhi (c) Columbia **(d) Switzerland**
- 18) At present there are _____ tiger reserves in the country.
(a) 9 (b) 32 **(c) 47** (d) 26
- 19) The headquarters of National Biodiversity Authority is located in _____
(a) New Delhi (b) Dehradun **(c) Chennai** (d) Kolkata
- 20) Select the proper sequence indicating the increasing order of biodiversity.
(a) Polar, Temperate and Polar (b) Tropics, Temperate and Polar (c) Temperate, Tropic and Polar
(d) Polar, Tropic and Temperate
- 21) Species introduced deliberately in an area are referred as _____
(a) Endemic species (b) Vulnerable species **(c) Exotic species** (d) Extinct species
- 22) Tilapia fish (*Oreochromis mosambicus*) is exotic breed from _____
(a) Mexico **(b) South Africa** (c) Canada (d) Central America
- 23) Mention the correct number of biodiversity hotspots identified throughout the world.
(a) 29 (b) 16 **(c) 34** (d) 46
- 24) A species is considered as extinct
(a) When its member is confined to a particular area (b) When its member is maintained in non-native area
(c) When none of its members is alive in native area **(d) When none of its members alive anywhere in the world**
- 25) Statement 1: Biodiversity is the assemblage of different life form.
Statement 2: The term biodiversity was introduced by Edward Wilson.
(a) Statement 1 is correct, statement 2 in incorrect (b) Statement 1 is incorrect, statement 2 in correct
(c) Both the statements are correct (d) Both the statements are incorrect
- 26) Statement 1: Exotic species are the non-native organism.
Statement 2: Sailfin catfish is an exotic species to India
(a) Statement 1 is correct, statement 2 in incorrect (b) Statement 1 is incorrect, statement 2 in correct
(c) Both the statements are correct (d) Both the statements are incorrect
- 27) IUCN is an organisation working in the of nature conservation. It is located in
(a) Washington, USA (b) London, England (c) Stockholm, Sweden **(d) Gland VD, Switzerland**
- 28) The animal that has recently become extinct is
(a) dinosaur **(b) dodo** (c) woolly mammoth (d) archaeopteryx
- 29) The area reserved for the welfare of wildlife is called

- (a) **national park** (b) botanical garden (c) sanctuary (d) forest
- 30) Lions are found in
 (a) Corbett national park (b) Madhya Pradesh (c) **Gir forest** (d) Western ghats
- 31) Afforestation should be done with
 (a) exotic species (b) **indigenous species** (c) bamboos (d) eucalyptus
- 32) Animals and plants are best protected in
 (a) zoos (b) botanical gardens (c) sanctuaries (d) **national parks**
- 33) National park concerned with rhinoceros is
 (a) Corbett (b) ranthambore (c) **Kaziranga** (d) valley of flowers
- 34) Breeding place of flamingo in India is
 (a) Sambhar lak (b) **Chilka lake** (c) Runn of kutch (d) Ghana vihar
- 35) Bandipur (karnataka) national park runs a project for
 (a) peacock (b) deer (c) tiger (d) **elephant**
- 36) Red databook deals with
 (a) endemic plants (b) extinct plants (c) plants showing photoperiodism (d) **plants on verge of extinction**
- 37) The plants species on the verge of extinction due to over exploitation is
(a) podophyllum (b) ceritella (c) gloriosa (d) all of these
- 38) Animals having high protection prospects are
 (a) lion and leopard (b) tiger and bustard (c) **Himalayan bear and musk deer** (d) elephant and crocodile
- 39) New approach to conservation is the establishment of
 (a) sanctuaries (b) **biosphere reserves** (c) national parks (d) reserve forests
- 40) In which of the following both pairs have correct combination?
(a) In-situ conservation: National park (b) In-situ conservation: Cryopreservation (c) In-situ conservation: Seed Bank
Ex-situ conservation: Botanical Garden Ex-situ conservation: Wildlife Sanctuary Ex-situ conservation: National park
 (d) In-situ conservation: Tissue culture
 Ex-situ conservation: Sacred groves
- 41) Find out the wrong pair
 (a) Indian desert - Gujarat (b) Trans - Himalayam - Lauhala spiti
(c) Western Ghats - Andhra Pradesh to Madya Pradesh (d) North - East India - Indo - Malayan bio - geographical region
- 42) Alexander Von Humbolt described for the first time
 (a) Laws of limiting factor (b) **Species area relationships** (c) Populations growth equation (d) Ecological biodiversity
- 43) The species confined to a particular region and not found elsewhere is termed as
 (a) Alien (b) **Endemic** (c) Rare (d) Keystone
- 44) A species facing extremely high risk of extinction in the immediate future is called
 (a) vulnerable (b) Endemic (c) **Critically endangered** (d) Extinct
- 45) Which organization publishes the red data book?

- (a) GEF **(b) IUCN** (c) UNEP (d) WWF
- 46) Quercus species are the dominant component in
(a) Temperature deciduous forests (b) Alpine forests **(c) Scrub forests** (d) Tropical rain forests
- 47) Select the correct statement about biodiversity
(a) Large scale planting of Bt cotton has no adverse effect on biodiversity.
(b) Western Ghats have a very high degree of species richness and endemism
(c) Conservation of biodiversity is just a fad pursued by the developed countries
(d) The desert areas of Rajasthan and Gujarat have a very high level of desert animal species as well as numerous rare animals.
- 48) Sacred groves are specially useful in
(a) Preventing soil erosion (b) Year-round flow of water in rivers (c) Conserving rare and threatened species
(d) Generating environmental awareness
- 49) Which of the following is not used for ex situ plant conservation?
(a) Field gene banks (b) Seed banks **(c) Shifting cultivation** (d) Botanical gardens
- 50) Which of the following National parks is home to the famous musk deer or hangal?
(a) Bandhavgarh National park, Madhya Pradesh (b) Eaglenest Wildlife Sanctuary, Arunachal Pradesh
(c) Dachigam National park, Jammu & Kashmir (d) Keibul Lamjao National park, Manipur