

- Q.5 Discuss, how the rich biodiversity helps in progress of a nation? (Refer Section 4.3.1)
- Q.6 Write a short essay on biodiversity of India. (Refer Section 4.4)
- Q.7 Enumerate various threats to biodiversity. (Refer Section 4.5.1)
- Q.8 Define the following terms : Biodiversity hotspots (Refer Section 4.5.2)
- Q.9 How in situ methods of biodiversity conservation are better than the ex situ methods. (Refer Section 4.6.1)
- Q.10 Explain the various law for biodiversity conservation. (Refer Section 4.6.2)

MULTIPLE CHOICE QUESTIONS

- Q.1 The variation of life forms within an ecosystem or on earth is named as _____.
 (i) Biome (ii) Biodiversity
 (iii) Biological variety (iv) None of the above

Ans. : (ii)

- Q.2 Which one of following is not a type of biodiversity?
 (i) Genetic (ii) Species
 (iii) Biology (iv) None of the above

Ans. : (iii)

- Q.3 Which of the following forms level of biodiversity?
 (i) Alpha biodiversity (ii) Delta biodiversity
 (iii) Species biodiversity (iv) None of the above

Ans. : (i)

- Q.4 Measurement of overall diversity for different ecosystems within a region comes under which of following levels?
 (i) Alpha (ii) Beta
 (iii) Gamma (iv) None of the above

Ans. : (iii)

- Q.5 Whittaker described three metrics to measure species biodiversity _____.
 (i) Species richness
 (ii) Simpson index
 (iii) Shannon-wiener index
 (iv) None of the above

Ans. : (i)

- Q.6 Which of the following index is used to calculate the trend in population size of a cross section of the species?

- (i) Mean species Abundance index
 (ii) Simpsons index
 (iii) Species richness
 (iv) None of the above

Ans. : (i)

- Q.7 Which of the following are types of uses of biodiversity?

- (i) Consumptive and productive uses
 (ii) Only productive uses
 (iii) Only consumptive uses
 (iv) None of the above

Ans. : (i)

- Q.8 Several agricultural disaster occurs due to lack of biodiversity. Which of the following term is used to describe "lack of biodiversity"?

- (i) Aquaculture (ii) Pollination
 (iii) Monoculture (iv) None of the above

Ans. : (iii)

- Q.9 Irish potato Famine is an agricultural disaster. In which year it had occurred?

- (i) 1970 (ii) 1971
 (iii) 1972 (iv) None of the above

Ans. : (i)

- Q.10 US Southern Corn Leaf Blight epidemic is an agriculture disaster of 1970. Which of following contributed as a major cause for it?

- (i) Biome (ii) Bioculture
 (iii) Monoculture (iv) None of the above

Ans. : (iii)

- Q.11 Which of the following describes value of biodiversity?

- (i) Gardening, collecting butterflies
 (ii) Botanical garden
 (iii) Clearing land for civil uses
 (a) Both (i) and (ii) (b) Only (ii)
 (c) Both (ii) and (iii) (d) None of the above

Ans. : (a)



Q. 12 Which of the following statement is correct for India?

- ☒ (i) India is the 7th largest country in world with mega diversity.
- (ii) India has no rank in world w.r.t. biodiversity
- (iii) Coasts in India do not play role in biodiversity
- (iv) None of the above

Ans. : (i)

Q. 13 Which of the following is major biodiversity in Maharashtra ?

- ☒ (i) Deccan peninsula – Chhota Nagpur
- (ii) Deccan peninsula – Deccan South
- (iii) Deccan peninsula – Central Highlands
- (iv) None of the above

Ans. : (i)

Q. 14 Which of the following has largest desert ?

- ☒ (i) Kutchchh
- (ii) West coast
- (iii) Nicobars
- (iv) None of the above

Ans. : (i)

Q. 15 Which of the following are Islands?

- ☒ (i) Andaman and Nicobars
- (ii) Lakshadweep
- (iii) Malabar Plains
- (iv) None of the above

Ans. : (i)

Q. 16 Which of the following are semi Arids ?

- ☒ (i) Punjab, Gujarat, Rajputana
- (ii) Malabar plains
- (iii) Nicobars
- (iv) None of the above

Ans. : (i)

Q. 17 Himalayan mountain falls in which region, _____.

- ☒ (i) 2A, 2B, 2C, 2D
- (ii) 8A
- (iii) 6B
- (iv) None of the above

Ans. : (i)

Q. 18 Himalayan region is divided into North west, West, central and East Himalayas. These are known as

- ☒ (i) Biotic provinces
- (ii) Mountain ranges
- (iii) Abiotic regions
- (iv) None of the above

Ans. : (i)

Q. 19 Alpine zone of Himalaya lies very high and is full of particular type of trees. Which of the following is correct description for height and type of tree

- ☒ (i) 12000 + ft altitude, Timber trees
- (ii) 5500 – 12000 ft altitude, Kailand chir, Deoder
- (iii) 5000 ft altitude, Shisham trees
- (iv) None of the above

Ans. : (i)

Q. 20 Ladakh mountains and Tibetan plateau are part of

- ☒ (i) Trans Himalaya region
- (ii) Desert
- (iii) Semi Arid
- (iv) None of the above

Ans. : (i)

Q. 21 Kutchch and Thar comprise majorly of _____.

- (i) Western Ghats
- (ii) Himalayan region
- ☒ (iii) Deserts
- (iv) None of the above

Ans. : (iii)

Q. 22 Aravali mountain are covering states such as

- ☒ (i) Gujarat, M. P. Rajasthan
- (ii) Ladakh mountain
- (iii) Coastal region
- (iv) None of the above

Ans. : (i)

Q. 23 Punjab plains, Gujarat and Rajputana comprise which of following regions ?

- ☒ (i) Semi Arid
- (ii) Western Ghats
- (iii) Central Himalaya
- (iv) None of the above

Ans. : (i)

Q. 24 Which of the river plain extends upto Himalayan Foot Hills?

- ☒ (i) The Gangetic plain (ii) Punjab plain
☐ (iii) Brahmaputra valley (iv) None of the above

Ans.: (i)

Q. 25 The Gangetic plain extends through which of the states?

- ☒ (i) Western U. P. and West Bengal
☐ (ii) Madhyapradesh and Uttar Pradesh
☐ (iii) Western Bengal (iv) None of the above

Ans.: (i)

Q. 26 The North-East India comprises of _____

- (i) Himalayan hill ranges
(ii) Aravali hill ranges
☒ (iii) Non-Himalayan hill ranges
(iv) None of the above

Ans.: (iii)

Q. 27 Cherapunji is situated in which of the following region in India?

- (i) The Western Ghats ☒ (ii) The North-East India
☐ (iii) The North India (iv) None of the above

Ans.: (ii)

Q. 28 Which of the following place(s) receive maximum rainfall in India?

- (i) The North-East India
(ii) Non Himalayan hills
☒ (iii) Cherapunji in the North-East India
(iv) None of the above

Ans.: (iii)

Q. 29 In which of the following Islands of Lakshadweep is situated?

- ☒ (i) Arabian sea (ii) Bay of Bengal
☐ (iii) Atlantic ocean (iv) None of the above

Ans.: (i)

Q. 30 In which of the following the Islands of Andaman and Nicobar are situated?

- (i) Arabian sea (ii) Atlantic ocean
☒ (iii) Bay of Bengal (iv) None of the above

Ans.: (iii)

Q. 31 Ratna Giri is located in which of following state?

- (i) Chennai – Tamilnadu (ii) Madhya Pradesh
☒ (iii) Maharashtra (iv) None of the above

Ans.: (iii)

Q. 32 Asiatic cheetah, Lion and wild Ass are on verge of getting almost extinguished. Which of the following term is used commonly to describe such a situation

- ☒ (i) Endangered species/ Threatened species
(ii) Rare species
(iii) Unique species
(iv) None of the above

Ans.: (i)

Q. 33 Which of the following animal comes under category of "Critically endangered species"?

- ☒ (i) Sumatran Rhinoceros (ii) Asiatic Lion
☐ (iii) Indian Tiger (iv) None of the above

Ans.: (i)

Q. 34 Which of the following animal comes under category of "Threatened species"?

- ☒ (i) Leopard (ii) Mouse (iii) Dog
(iv) None of the above

Ans.: (i)

Q. 35 Which of the following is an Indian Biodiversity Hotspots?

- ☒ (i) The western ghats (ii) National parks
☐ (iii) Botanical gardens (iv) None of the above

Ans.: (i)

Q. 36 Uncontrolled hybridization of different species of animals / plants. Which of the following pollution it leads to _____

- ☒ (i) Genetic pollution (ii) Homogenization
☐ (iii) Genetic swamping (iv) None of the above

Ans.: (i)

Q. 37 "Genetic pollution" may be originated due to one of the following. Which of the following may be possible reason:

- ☒ (i) Uncontrolled hybridization
(ii) Unprofitability



(iii) Natural phenomenon

(iv) None of the above

Ans. : (I)

Q. 38 Which of the following is considered to be major threat to global biodiversity ?

(i) Genetically modified species

✓ (ii) Global warming

(iii) Pollination

(iv) None of the above

Ans. : (II)

Q. 39 Conservation of species of botanical gardens, zoos, gene banks etc. is done observing certain methods. Which of the following term is used for such methods?

(i) In-situ conservation methods

✓ (ii) Ex-situ conservation methods

(iii) Heritage conservation

(iv) None of the above

Ans. : (II)

Q. 40 The 'Global zoo Ecoregions' is a system derived to conserve biodiversity. Which of following has taken this initiative?

✓ (i) The world wild-life fund

(ii) Africa

(iii) Latin America

(iv) None of the above

Ans. : (I)

Q. 41 A world map of hot spots with details of flora and fauna is prepared by _____.

✓ (i) The national geographic society

(ii) Scientific organizations.

(iii) Environmentalist

(iv) None of the above

Ans. : (I)

Q. 42 Which of the following acronym stands for and is preferred by Edward O. Wilson for threats to biodiversity Habitat (destruction), Invasive (Species), Pollution, Population (explosion) and Overharvesting

✓ (i) HIPPO

(ii) HIPPEO

(iii) HINPPEO

(iv) None of the above

Ans. : (I)

Q. 43 The millenium Ecosystem Assessment -2005 took up study of threat to ecosystems in world. Which of following is marked as "most threatened ecosystem"?

✓ (i) Fresh water ecosystem

(ii) Air pollution

(iii) Water pollution

(iv) None of the above

Ans. : (I)

Q. 44 Poaching of wild animals is very common. Which of following is main reason ?

✓ (i) Animals killed for their organs

(ii) Animals are killed only for food

(iii) Animals are killed as they are overpopulated

(iv) None of the above

Ans. : (I)

Q. 45 Which of the following conservation methods are applied only to wild fauna and flora, and not to domesticated animals and plants?

✓ (i) In-situ conservation methods

(ii) Ex-situ conservation methods

(iii) Both (i) and (ii)

(iv) None of the above

Ans. : (I)

Q. 46 Convention on International Trade in Endangered Species [CITES] and World Heritage Convention [WHC] was held in years _____.

✓ (i) 1976 & 1977 respectively

(ii) 1981

(iii) 1986

(iv) None of the above

Ans. : (I)

Q. 47 Under world Heritage convention's ratification, which of the following monuments in India were covered in Heritage conservation in years 1983 _____.

✓ (i) Ajanta-Ellora caves, Agra Fort, Taj mahal

(ii) National parks

(iii) Sambhar lake in Rajasthan

(iv) None of the above

Ans. : (I)

Q. 48 Which of following is name of first National Park in India, established in year 1935 _____.

- ☒ (i) Hailey National park
- (ii) Sanjay Gandhi National park
- (iii) Sundarban National park
- (iv) None of the above

Ans. : (i)

Q. 49 The Hailey National park established in 1935 was renamed as _____.

- ☒ (i) Jim Corbett National park
- (ii) Sundarban National park
- (iii) Kanha National park
- (iv) None of the above

Ans. : (i)

Q. 50 Which of the following park is magnificent jungle of mangroves and is one of its own kind in world _____.

- ☒ (i) Sundarban National park
- (ii) Nagarhole
- (iii) Kanha National park
- (iv) None of the above

Ans. : (i)

Q. 51 Which of following is official name of Nagarhole park?

- ☒ (i) Rajiv Gandhi National park
- (ii) Jim Corbette National park
- (iii) Kanha National park
- (iv) None of the above

Ans. : (i)

Q. 52 The famous Classic novel "The Jungle Book" written by Rudyard kipling is based on background of which of the following national park ?

- ☒ (i) Kanha National park
- (ii) Sundarban
- (iii) Nagarhole
- (iv) None of the above

Ans. : (i)

Q. 53 Which of the following national park has three wild life sancteries located at sajmekhali Lothian Island and Haliday Island?

- ☒ (i) Sundarban National park
- (ii) Rajiv Gandhi National park
- (iii) Kanha National park
- (iv) None of the above

Ans. : (i)

Q. 54 Kanha National Park is rich with many rare wild animals. Which of the following is a type of deer?

- ☒ (i) Barasingha
- (ii) Wild Tiger
- (iii) Asiatic Lion
- (iv) None of the above

Ans. : (i)

Q. 55 The United National Environment Program (UNEP) emphasizes which one of the following _____.

- ☒ (i) Equality in In-situ and Ex-situ methods
- (ii) Establishment of sanctuaries
- (iii) Enhancing vegetation
- (iv) None of the above

Ans. : (i)

Q. 56 Wide range of flora and fauna is _____.

- (i) Nature
- ☒ (ii) Biodiversity
- (iii) Environment
- (iv) Ecosystem

Ans. : (ii)

Q. 57 Physical or biological complexity of a system is _____.

- (i) Biodiversity
- ☒ (ii) Diversity
- (iii) Ecosystem
- (iv) Culture

Ans. : (ii)

Q. 58 UN organized Biodiversity convention in year _____.

- ☒ (i) 1992
- (ii) 1985
- (iii) 1959
- (iv) 1989

Ans. : (i)

Q. 59 The liquid water component of the earth is called as _____.

- (i) Lithosphere
- (ii) Hemisphere
- ☒ (iii) Hydrosphere
- (iv) Androsphere

Ans. : (iii)

□□□

Chapter Ends...