HANDOUTS (CHAPTER -3)

Class -V. **Subject – SCIENCE**

Multiple Choice Questions (MCQs)

1. What is the minimum annual rainfall required for forests to develop naturally?

A) 100 mm. B) 200 mm. C) 500 mm. D) 1000 mm

Answer: B

2. Forests generally develop at places where the average temperature is greater than:

A) 0 degrees Celsius. B) 5 degrees Celsius.
C) 10 degrees Celsius. D) 15 degrees Celsius

Answer: C

3. Why are forests often referred to as the earth's lungs?

A) They absorb oxygen and release carbon dioxide

B) They absorb carbon dioxide and release oxygen during photosynthesis

C) They act as massive sound absorbers

D) They pull water vapor down from clouds

Answer: B

4. Which movement literally means the Hug the Trees Movement?

A) Narmada Bachao Andolan. B) Appiko Movement

C) Chipko Andolan. D) Van Mahotsava

Answer: C

5. In which year did the Chipko Andolan originate in a remote village high up in the Himalayas?

A) 1972. B) 1980. C) 1950. D) 1992

Answer: A

6. The Forest Conservation Act was enacted by the Indian Parliament in which year?

A) 1972. B) 1975. C) 1980. D) 1988

Answer: C

7. Which leaf is known as the green gold of Odisha?

A) Areca nut leaf. B) Tendu leaf. C) Bamboo leaf. D) Neem leaf

Answer: B

8. Which of the following plants is commonly used for making baskets, walking sticks, and even bridges?

A) Aswagandha. B) Brahmi. C) Bamboo. D) Tendu

Answer: C

9. Which bird sanctuary in Rajasthan is recognized as the largest bird sanctuary in Asia?

A) Sultanpur Bird Sanctuary. B) Bharatpur Bird Sanctuary

C) Chilika Lake Bird Sanctuary. D) Salim Ali Bird Sanctuary

Answer: B

10. The Bharatpur Bird Sanctuary serves as a famous winter refuge for which migratory bird?

A) Siberian crane. B) African flamingo. C) Arctic tern. D) Bar-headed goose

Answer: A

11. Where is the Gir National Park—the world's only natural habitat for the Asiatic lion—located?

A) Rajasthan. B) Madhya Pradesh. C) Gujarat D) Uttarakhand

Answer: C

12. Which of the following is an example of a medicinal plant mentioned in the text?

A) Areca nut. B) Aswagandha. C) Tendu. D) Lac

Answer: B

13. How do trees help in preventing soil erosion?

A) By releasing oxygen into the air

B) By binding soil particles with their strong roots

C) By blocking sunlight from reaching the ground

D) By evaporating rainwater quickly

Answer: B

14. What percentage of the world's ancient forests are currently left?

A) 10%. B) 20%. C) 30%. D) 50%

Answer: B

15. According to the textbook data, a patch of forest the size of a _____ disappears every two seconds.

A) Basketball court. B) Cricket stadium. C) Football field. D) School building

Answer: C

16. Which annual tree-planting festival is celebrated in India to increase forest cover?

A) Chipko Andolan. B) Van Mahotsava. C) Earth Day. D) Environment Week

Answer: B

17. Which of the following is a direct result of unplanned deforestation?

A) Increase in groundwater levels

B) Increase in rainfall frequency

C) Increase in the amount of carbon dioxide in the atmosphere

D) Stabilization of regional temperatures

Answer: C

18. A reserved land, usually declared and owned by the national government to protect forest cover and wildlife from human development, is called a:

A) Sanctuary. B) National park. C) Bird refuge. D) Sacred grove

Answer: B

19. How does a national park strictly differ from a wildlife sanctuary?

A) No human activity is allowed inside a national park, while limited activities are permitted in a sanctuary.

B) National parks are only meant for birds.

C) Sanctuaries receive more financial support from the Central Government.

D) Human settlements are freely allowed inside national parks.

Answer: A

20. Which organization issued the STOP Deforestation poster shown in the text to protect biodiversity?

A) UNESCO. B) Green Peace. C) World Wildlife Fund (WWF). D) Ministry of Environment

Answer: C

Fill-in-the-Blanks Questions

1. A forest is an area where the earth is covered mainly by a very large number of _____.

2. Trees act as excellent sound _____, helping to absorb environmental noise.

3. Forests develop at places where the annual rainfall is at least _____ mm.

4. For early man, the forest was his home where he obtained both food and _____.

5. Trees purify the air by absorbing _____ and releasing oxygen.

6. The main greenhouse gas responsible for global warming that trees help absorb is _____.

7. Rainwater seeps down the soil through forest floors to recharge the _____ water.

8. Trees prevent _____ by binding soil particles with their strong roots, keeping them from being washed or blown away.

9. Wood obtained from trees is also called _____ and is used for making furniture, paper, and fuel.

10. Amla, aswagandha, and _____ are medicinal plants mentioned as forest products.

11. Many _____ are used as food, while others are used to make varnish and paint.

12. _____ nut leaves are specifically used to make disposable plates.

13. The leaves of the Tendu tree are heavily used for particular _____ purposes.

14. Bees' _____, collected from large forest beehives, is widely used in making cosmetics and medicines.

15. Special forest products include sandalwood, rubber, and _____, which is used for making decorative items like bangles.

16. The brave women of the _____ village reached the forest quickly and clasped tree trunks to save them during the Chipko movement.

17. Beside Corbett National Park, the _____ National Park is another crucial wildlife reserve mentioned in the Himalayan foothills.

18. Celebrating the growth of plants as a festival in India is known as _____.

19. According to the rules of the Forest Conservation Act, the _____ cutting of trees is a punishable offence.

20. Deforestation leads to an increase in soil erosion, which can trigger frequent _____ in low-lying areas.

Answer Key

1. trees. 2. Absorbers. 3. 200. 4. shelter

5. carbon dioxide. 6. carbon dioxide 7. Ground. 8. soil erosion

9. timber. 10. Brahmi. 11. resins / gums. 12. Areca

13. wrapping. 14. Wax. 15. Lac. 16. Reni

17. Dudhwa. 18. Van Mahotsava. 19. indiscriminate

20. floods