

EXERCISE

A. Very Short Answer Type Questions

- Q.1** Why is conservation of resources necessary ? Give two reasons.
- Q.2** Distinguish between renewable and non renewable resources.
- Q.3** Distinguish between Human made resources and Natural resources.
- Q.4** Distinguish between Khadar & Bangar.
- Q.5** Define the term resource.
- Q.6** What is an Economic zone ?
- Q.7** What are the soil forming factors ?
- Q.8** Why are alluvial soils very fertile ?
- Q.9** Why are desert soils less fertile ?
- Q.10** Name any two factors on which resource development depends.
- Q.11** What is a waste land ?
- Q.12** Name any two states where over grazing is one of the main reason for land degradation.
- Q.13** Name any two states where over irrigation is responsible for land degradation.
- Q.14** Which soil is ideal for growing cotton ?
- Q.15** What is gross sown area ?
- Q.16** Which soil is the most widely spread in India ?
- Q.17** How does shelter belts help in conservation of soil ?
- Q.18** What is leaching ? Name the soils which develop due to leaching.
- Q.19** Name any two crops associated with laterite soil.
- Q.20** How does contour ploughing help in soil conservation ?
- Q.21** Give a single word for the followings :

- (i) Materials which have the potential to satisfy human needs, but human beings do not have the appropriate technology.
- (ii) The resources which can be renewed or reproduced by physical, chemical or mechanical processes.
- (iii) Classify the following resources as biotic and abiotic.
 - (a) Metals

(b) Fauna

- Q.22** (i) Name any two states where over irrigation is responsible for land degradation.
(ii) How does overirrigation lead to land degradation ?
- Q.23** (i) Name any two minerals present in the alluvial soil which make it ideal for the growth of sugarcane, paddy, wheat and other cereals.
(ii) Name one important crop cultivated in :
(a) Alluvial soil
(b) Black soil
- Q.24** Define the following terms :
(i) Net Sown Area
(ii) Gross Sown Area
(iii) Bad Land
(iv) Gully Erosion

B. Short Answer Type Question

- Q.1** Explain the relationship between nature, technology and institutions.
- Q.2** Discuss the problems which have been caused due to over utilisation of resources.
- Q.3** How over irrigation and mining leads to land degradation ?
- Q.4** Explain the major factors which are responsible for the formation of soil.
- Q.5** 'Humus content of the laterite soil is very low'. Explain by giving two reasons.
- Q.6** Why is conservation of resources essential ? List out three methods of soil conservation ?
- Q.7** Differentiate between alluvial soil and black soil.
- Q.8** Explain how resources are classified based on the state of development.
- Q.9** In which part of India laterite soil are found ? state the gaps supported by the soil.
- Q.10** How does industry cause land degradation ?
- Q.11** Write a short note on alluvial soil.
- Q.12** Explain the formation of soil.
- Q.13** Discuss the causes of soil erosion.
- Q.14** Distinguish between stock and reserve.

- Q.15** What is resource planning ? Mention the steps which are involved in resource planning.
- Q.16** What is the role of humans in resource development ?
- Q.17** (i) 'The arid soil lacks humus and moisture.' Explain.
(ii) Name any two states where this soil is formed.
- Q.18** What are the differences between the alluvial soil found in the upper course of rivers and that found in the lower courses ?

C. Long Answer Type Questions

- Q.1** Describe the classification of the resource on the basis of different types.
- Q.2** Distinguish between Renewable and Non renewable resources.
- Q.3** Write a short note on soil erosion.
- Q.4** What is land degradation ? Describe any five measures of controlling land degradation.
- Q.5** Discuss the problems which have been caused due to overutilisation of resources.
- Q.6** How is red soil formed ? Mention its three characteristics.
- Q.7** Mention any four features of the arid soil.
- Q.8** Explain the formation and important features of the laterite soil.
- Q.9** What is soil erosion ? Explain the major types of soil erosions prevailing in India.
- Q.10** Explain any four proper farming techniques which can be used for soil conservation.
- Q.11** Explain any four reasons responsible for land degradation in India.
- Q.12** Explain the land-use pattern of India.

D. Multiple Choice Questions

- Q.1** Soil formed by intense leaching -
(A) Alluvial soil (B) Red soil
(C) Laterite soil (D) Desert
- Q.2** Net sown area of our country in 2002-03 is -
(A) 46.5 % (B) 43.4 %
(C) 22 % (D) 35 %

- Q.3** Fallow land refers to -
(A) Land not under cultivation
(B) Land with many gullies
(C) A fertile land
(D) Cultivable land not cultivated for a season to regain its fertility
- Q.4** Resources which are found in a region but have not been utilised.
(A) Renewable (B) Developed
(C) National (D) Potential
- Q.5** What is the total geographical area of India ?
(A) 3.28 million km² (B) 4.26 million km²
(C) 3.82 million km² (D) 3.86 million km²
- Q.6** How much degraded land is present in India ?
(A) 136 million hec (B) 130 million hec
(C) 128 million hec (D) 126 million hec
- Q.7** The soil which develops on crystalline igneous rocks -
(A) Red soil (B) Black soil
(C) Arid soil (D) Forest soil
- Q.8** What percentage of total area is under the net sown area in India ?
(A) 43.61 % (B) 43.21 %
(C) 43.41 % (D) 44.26 %
- Q.9** What percentage of land is under permanent pasture ?
(A) 2.45 % (B) 3.45 %
(C) 4.45 % (D) 5.45 %
- Q.10** The area under forest has increased from 18.11 % in 1960-61 to 2000-03 is -
(A) 19.57 % (B) 20.75 %
(C) 21.67 % (D) 22.57 %
- Q.11** Which relief feature covers the maximum area ?
(A) Plain (B) Plateau
(C) Mountain (D) Desert
- Q.12** What is the area under mountains ?
(A) 20 % (B) 30 %
(C) 45 % (D) 35 %
- Q.13** What is the net sown area in 1960-61 ?
(A) 45.28 % (B) 45.16 %
(C) 45.26 % (D) 43.45 %

- Q.14** Which soil is ideal for growing cotton ?
 (A) Black soil (B) Arid soil
 (C) Alluvial soil (D) Mountain soil
- Q.15** By which name is the bad land known in the Chambal Basin ?
 (A) Ravines (B) Gully
 (C) Sheet (D) None of these
- Q.16** Everything available in our environment which can be used to satisfy our needs, provided, it is technologically accessible, economically feasible and culturally acceptable can be termed as
 (A) Development (B) Resource
 (C) Planning (D) Product
- Q.17** How can the resources be classified on the basis of their origin ?
 (A) Biotic and abiotic
 (B) Renewable and non-renewable
 (C) Individual and community
 (D) Potential and reserves
- Q.18** The resources which can be renewed or reproduced by physical, chemical or mechanical processes are known as
 (A) Biotic (B) Abiotic
 (C) Renewable (D) International
- Q.19** Match List I with List II and select the correct answer using the codes given below :

List I		List II	
1.	Biotic	A.	Water
2.	Renewable resources	B.	Flora and Fauna
3.	Stock	C.	Picnic spots
4.	Community owned resources	D.	Wind energy

- A B C D**
 (A) 1 2 4 3
 (B) 2 4 1 3
 (C) 3 1 2 4
 (D) 4 3 2 1

- Q.20** Which of the following is not true with reference to distribution of resources in India ?

- (A) The state of Jharkhand, Chhattisgarh and Madhya Pradesh are rich in minerals and coal deposits
 (B) Arunachal Pradesh has abundance of water resources
 (C) The state of Rajasthan is very well endowed with solar and wind energy
 (D) The state of West Bengal lacks fertile soil

- Q.21** Match the following with reference to India's wasteland :

List I		List II	
1.	Water eroded area	A.	10%
2.	Forest degraded area	B.	6%
3.	Saline and Alkaline	C.	28%
4.	Wind eroded area	D.	56%

- A B C D**
 (A) 4 2 1 3
 (B) 2 4 1 3
 (C) 3 1 2 4
 (D) 4 3 2 1

- Q.22** Which of the following is an important factor in the formation of soil :

- (i) Relief (ii) Parent rock
 (iii) Climate (iv) Vegetation
 (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (iii) and (iv) (D) All of the above

- Q.23** According to the age, alluvial soil can be classified as and

- (A) Khadar, Bhadar (B) Bhadar, Regur
 (C) Bhanger, Khadar (D) Fertile & non-fertile

- Q.24** Which of the following methods is used in western and central Himalayas for the soil conservation ?

- (A) Terrace farming (B) Strip cropping
 (C) Shelter belts (D) None of the above

- Q.25** The arid soil lacks humus and moisture. Which of the following is an appropriate reason for the same ?

- (i) High rainfall (ii) High temperature
 (iii) Low rainfall (iv) Low temperature
 (A) Only (i) and (ii) (B) Only (ii) and (iii)
 (C) Only (iii) and (iv) (D) All of the above

ANSWERS

Q.No	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Ans.	C	B	D	D	A	B	A	C	B	D	A	B	C	A	A	B	A	C	B	D
Q.No	21	22	23	24	25															
Ans.	D	D	C	A	B															