

## Handout by Vikash Kumar

### PRACTICE SET - 1

#### Class 10 - Social Science

Time Allowed: 3 hours

Maximum Marks: 145

#### 5 Marks Ques

1. What is soil erosion? How do human activities and natural forces cause soil erosion? Suggest measures of soil conservation in hilly, and mountainous areas and in desert areas. [5]
2. Explain any three factors responsible for soil formation. [5]
3. "Consequences of environmental degradation do not respect national or state boundaries". Support the statement with examples. [5]
4. Describe any five distinct characteristics of Arid soil. [5]
5. "Planning is a widely accepted strategy for judicious use of resources in a country like India". Justify this statement with two relevant points and an example. [5]
6. Why is soil considered as a resource? Explain with five arguments. [5]
7. Distinguish between red and laterite soils stating five points of distinction. [5]

#### 3 Marks Ques

8. 'Land is a natural resource of utmost importance'. Justify the statement with appropriate arguments. [3]
9. Why is it essential to have resource planning? Explain any three reasons [3]
10. Which is the main cause of land degradation in Gujarat, Rajasthan and Madhya Pradesh? How can it be checked? Explain. [3]
11. 'Indiscriminate use of resources had led to numerous problems. Justify this statement. [3]
12. What steps can be taken to control soil erosion in hilly areas? [3]
13. What type of soil is found in the river deltas of the eastern coast? Give four main features of this type of soil. [3]
14. "In India, some regions are rich in certain types of resources but deficient in some other resources". Do you agree with the statement? Support your answer with any three examples. [3]
15. Which geographical factors are responsible for the evolution of black soil? Why is it considered the most suitable for growing cotton? [3]
16. Distinguish between red soil and laterite soil stating any three points of distinction. [3]
17. Suggest any three methods of soil conservation suitable to Indian conditions. [3]
18. What is sustainable economic development? Suggest any two ways in which resources can be used judiciously. [3]
19. Consequences of environmental degradation do not respect national or state boundaries. Justify the statement. [3]

#### 2 Marks Ques

20. What are the main advantages of India's land under a variety of relief features? [2]
21. Mention some important features of arid soils. [2]
22. Resource Planning is essential for sustainable existence of all forms of life. Support the statement with examples. [2]
23. Enumerate important features of "regur" soil. [2]
24. Describe any three main features of **Alluvial soil** found in India. [2]
25. Give any three suggestions to increase the employment in rural society and explain them. [2]
26. How is resource planning a complex process? Explain. [2]

27. How do we conserve resources? Explain any three ways. [2]
28. Describe the need of resources for human survival. [2]
29. Explain with examples, the ways to solve the problem of land degradation in the Himalayan region. [2]
30. Mention important feature of arid soils. [2]
31. Describe any three main features of **Black soil** found in India. [2]
32. What is Agenda 21? List its two principles. [2]
33. What are the three stages of resource planning in India? [2]
34. India has land under a variety of relief features. Justify the statement with three examples. [2]
35. Human activities have contributed significantly in land degradation. Justify the statement with three examples. [2]
36. Define the following terms: [2]
  - i. Current fallow land
  - ii. Other than current fallow
  - iii. Culturable waste land
37. **Resource planning is a complex process.** Justify the statement with arguments. [2]
38. Describe the importance of an equitable distribution of resources in the society. [2]
39. Describe any three main characteristics of arid soil of India. [2]
40. Describe any three measures of controlling land degradation. [2]
41. Describe the different steps of resource planning. [2]
42. How are alluvial soils formed? How is Bangar different from Khadar? [2]
43. Describe the importance of judicious use of resources. [2]
44. Mention any two human activities which are responsible for the process of soil erosion. Explain the two types of soil erosion mostly observed in India? [2]

#### 1 Mark Ques

45. Name three states having black soil and the crop which is mainly grown in it. [1]
46. How is overgrazing responsible for land degradation in Gujarat? [1]
47. Highlight the reason for land being known as an utmost important natural resource. [1]
48. How are mining activities responsible for land degradation in Jharkhand? [1]
49. Read the features of a soil given below and name the related soil. [1]

- i. These soils range from red to brown in colour.
  - ii. Generally sandy in Texture and saline.
  - iii. Soil lacks humus and moisture.
50. Favourable conditions for wind energy exist in Western Rajasthan and Gujarat, but they have not been utilised and developed to the maximum. It falls in which category of resources? [1]
51. Which soil types is made up of lava flows? [1]
52. Highlight the importance of contour ploughing. [1]
53. Which type of soil in India is most widespread and important? [1]
54. How can a nation achieve a balance between economic growth and environment sustainability? Explain by giving any two arguments. [1]
55. How is over-irrigation responsible for land degradation in Punjab? [1]
56. How much percentage of forest area is desired in a geographical area to maintain ecological balance as outlined in the National Forest Policy? [1]
57. Suggest any two measures for the conservation of forest. [1]

58. How is cement industry responsible for land degradation? [1]
59. Read the features of a soil given below and name the related soil. [1]

- i. It consists of properties of sand, silt and clay.  
ii. It is described on the basis of age.  
iii. It is very fertile.

60. Read the following features of soil and name the related soil: [1]

- a. Develops in high rainfall area  
b. Intense leaching process takes place.  
c. Humus content is low.

#### MCQ - Incorrect Statement

61. Which of the following pair is correctly matched? [1]

- a) Black Soil - Himalayan Region                      b) Alluvial Soil - Gangetic Plain  
c) Laterite Soil - Desert Area                      d) Arid Soil - Western Ghats

62. Which of the following is correctly matched? [1]

- a) Black Soil - Salt content is high                      b) Laterite Soil - Made up of Lava flows  
c) Alluvial Soil - Consist of sand and silt                      d) Arid Soil - Diffusion of iron in crystalline

#### MCQ - Matching

63. Match Column 1 with Column 2 and select the correct option from the following: [1]

Column 1 (Soil Erosion)	Column 2 (Explanation)
A. Gully Erosion	I. Water flows as a sheet over large areas down a slope
B. Wind Erosion	II. Ploughing in a wrong way i.e., up and down the slope form channels for quick flow of water
C. Sheet Erosion	III. The running water cuts through clayey soils and makes deep channels
D. Defective methods of farming	IV. Wind blows loose soil off flat or sloping land

Options:

- a) A - I, B - II, C - III, D - IV                      b) A - III, B - IV, C - I, D - II  
c) A - IV, B - I, C - II, D - III                      d) A - II, B - III, C - IV, D - I
64. Which of the following pair is correctly matched? [1]
- a) Arid Soil - Deccan Plateau                      b) Black Soil - Northern Plain  
c) Laterite Soil - Western Ghats                      d) Alluvial Soil - Western Rajasthan
65. Match Column 1 with Column 2 and select the correct option from the following: [1]

COLUMN 1 (Land use categories)	COLUMN 2 (Purpose)
A. Forests	I. Used for roads, railways, industry etc.
B. Land put to non-agricultural uses	II. Land for feeding the cattle population

C. Permanent Pastures	III. Land for cultivation of crops
D. Net Sown Area	IV. Essential for maintenance of ecological balance

a) A - III, B - IV, C - I, D - II

b) A - II, B - III, C - IV, D - I

c) A - IV, B - I, C - II, D - III

d) A - I, B - II, C - III, D - IV

### MCQ - General

66. Mention the main reason for land degradation in states like Jharkhand, Chhattisgarh and Odisha. [1]

a) Over irrigation

b) Mining

c) Over-grazing

d) Mineral processing

67. In which one of the following states is **bamboo drip irrigation system** prevalent? [1]

a) West Bengal

b) Odisha

c) Meghalaya

d) Tamil Nadu

68. Which one of the following soils develops in an area with high temperature and heavy rainfall? [1]

a) Laterite

b) Alluvial

c) Red and Yellow

d) Black

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