

- a. A-5; B-2; C-1; D-3; E-4
 - b. A-4; B-1; C-5; D-2; E-3
 - c. A-2; B-3; C-5; D-1; E-4
 - d. A-1; B-5; C-2; D-4; E-3
- Answer: (b) A-4; B-1; C-5; D-2; E-3

6. Study the following map representing the distribution of major coalfields in India and answer the questions that follow.



- 6.1 From the given map find out the state of the regions marked as 6 and 7.
- a. Maharashtra
 - b. Uttar Pradesh
 - c. Jharkhand
 - d. Madhya Pradesh
- Answer: (d) Madhya Pradesh
- 6.2 Identify the name of the coalfield marked as 41.
- a. West Bengal
 - b. Maharashtra
 - c. Andhra Pradesh
 - d. Odisha
- Answer: (a) West Bengal

7. Which were the first coal mines to be established in India?
- Jharia mines
 - Raniganj mines
 - Godavari Valley mines
 - Singareni Collieries

Answer: (b) Raniganj mines

8. What are some of the minerals found in the area served by the Hirakud project?
- Gold and silver
 - Coal and oil
 - Iron ore and bauxite
 - Copper and zinc

Answer: (c) Iron ore and bauxite

9. Match the following.

Column A

- Gobind Sagar
- Narmada river
- Bhagirathi river
- Tehri lake

Column B

- Reservoir formed by Tehri Dam
- River on which Tehri Dam is built
- Reservoir formed by Bhakra Dam
- River on which Sardar Sarovar Dam is built

- A-3, B-4, C-2, D-1
- A-1, B-2, C-3, D-4

- A-4, B-1, C-3, D-2
- A-2, B-3, C-4, D-1

Answer: (c) A-3, B-4, C-2, D-1

10. What is the purpose of the Nangal Hydrel Channel?

- Irrigation
- Navigation
- Flood control
- Power generation

Answer: (d) Power generation

11. What is the role of the National Hydroelectric Power Corporation (NHPC) in India?

- To generate coal-based electricity
- To look after the generation of hydroelectricity
- To regulate the prices of petroleum
- To promote the use of solar energy

Answer: (b) To look after the generation of hydroelectricity

12. Match the following:

Column A

- Digboi
- Godavari-Krishna offshore basin
- Jamnagar
- The Gas Authority of India

Column B

- World's largest refinery
- Set up for transportation, processing, and marketing of natural gas
- First oil refinery in India
- Location of largest gas discoveries by Reliance Industries

- A-2, B-3, C-4, D-1
- A-3, B-4, C-1, D-2

- A-4, B-1, C-2, D-3
- A-1, B-3, C-2, D-4

Answer: (c) A-3, B-4, C-1, D-2

13. Which of the following states is not a major producer of natural gas in India?

- Assam
- Gujarat
- Rajasthan
- Bihar

Answer: (d) Bihar

14. Which organization is responsible for promoting energy conservation in the petroleum sector?

- The Petroleum Conservation Research Association
- The Gas Authority of India

- c. The Oil and Natural Gas Corporation
- d. The Ministry of Petroleum and Natural Gas

Answer: (a) The Petroleum Conservation Research Association

15. What is the main issue with coal mining techniques in India?

- a. Lack of railway facilities for transportation
- b. Slow movement of trains
- c. Outdated mining techniques relying heavily on manual labour
- d. Heavy losses due to pilferage and fire in the coal mines

Answer: (c) Outdated mining techniques relying heavily on manual labour

16. What are some of the products that can be derived from crude petroleum in oil refineries?

- a. Gasoline, diesel, and lubricants
- b. Water, carbon dioxide, and nitrogen
- c. Iron, steel, and aluminium
- d. Glass, plastic, and rubber

Answer: (a) Gasoline, diesel, and lubricants

17. Study the following map showing Petroleum resources and major oil refineries in India and answer the questions that follow.



17.1 Examine the map given above and identify the state known to be the second largest petroleum-producing area in India.

- a. Madhya Pradesh
- b. Offshore oil fields of Mumbai High
- c. Rajasthan
- d. The Gujarat Coast

Answer: (c) Rajasthan

17.2 The first oil refinery was set-up at the _____ region of _____

- a. Trombay; Maharashtra.
- b. Digboi; Assam.
- c. Noonmati; Assam.
- d. Chennai; Tamil Nadu.

Answer: (b) Digboi; Assam.

18. Which region has crude oil with less sulfur and more wax?

- a. Brahmaputra valley
- b. Gujarat coast
- c. Barmer district
- d. Krishna-Godavari delta

Answer: (b) Gujarat coast

19. Which state in India has the highest onshore crude oil production?

- a. Gujarat
- b. Rajasthan
- c. Assam
- d. Tamil Nadu

Answer: (b) Rajasthan

20. Match the following.

Column A

- A. Hirakud Dam
- B. Bhakra-Nangal Project
- C. Sardar Sarovar Dam
- D. Tehri Dam

- a. A-4, B-1, C-2, D-3
- c. A-2, B-4, C-3, D-1

Column B

- 1. Joint venture of Punjab, Haryana and Rajasthan states
- 2. Built across Bhagirathi river
- 3. Built across Mahanadi river
- 4. Built across Narmada river

- b. A-1, B-3, C-2, D-4
- d. A-3, B-1, C-4, D-2

Answer: (d) A-3, B-1, C-4, D-2