

1. Which one of the following is the first and the oldest Government-owned coal mining company in India ?

- (a) Neyveli Lignite Corporation
- (b) Singareni Collieries Company Limited
- (c) Coal India Limited
- (d) Mahanadi Coalfields Limited

2. Which one of the following is a tributary of Barak River in Manipur ?

(a) Dhaleswari

(b) Subansiri

(c) Dhansiri

(d) Manas

3. Which types of vegetation will you find on the way as you travel from Bikaner to Konark by road by shortest distance ?

- (a) Tropical thorny, Desert, Moist deciduous, Mangrove
- (b) Desert, Tropical thorny, Moist deciduous, Mangrove
- (c) Moist deciduous, Tropical thorny, Mangrove, Desert
- (d) Desert, Tropical thorny, Mangrove, Moist deciduous

4. Consider the following statements about Karewas :

1. These are the lacustrine deposits of Pleistocene period.
2. These are found along the lower slopes of Pir Panjal.
3. Karewas are well known for the cultivation of saffron, almond and walnut.

How many of the above statements is/are correct ?

- (a) 1
- (b) 2
- (c) 3
- (d) None

5. Consider the following statements about an Indian State :

1. It is well known globally for its variety of rocks and minerals.
2. It has the largest deposits of Chrysotile Asbestos in the country.
3. The Neelam Sanjiva Reddy Sagar Hydel Project is located in this State.

Identify the State from the following :

- (a) Jharkhand
- (b) Rajasthan
- (c) Andhra Pradesh
- (d) Chhattisgarh

44. Which one of the following do *not* influence the ocean currents ?

- (a) Heating by solar energy
- (b) Wind
- (c) Gravitational pull by Sun and Moon
- (d) Coriolis force

45. Which one of the following sedimentary rocks has ***not*** been formed mechanically ?

- (a) Sandstone
- (b) Conglomerate
- (c) Loess
- (d) Geyserites

46. Which of the following statements about inversion of temperature is/are correct ?

1. Temperature increases with increasing altitude.
2. A long winter night with clear skies is an ideal situation.
3. It is a short term phenomenon and is common all over the globe except at the poles.

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3

47. In which one of the following States/UT, is the Lake Tsomgo located ?

- (a) Ladakh
- (b) Himachal Pradesh
- (c) Sikkim
- (d) Uttarakhand

48. Which of the following statements about the coasts of India is/are correct ?

1. The West Coast of India is a high rocky, retreating coast.
2. The West Coast of India is dominated by erosional landforms.
3. The East Coast of India, however, is a low sedimentary coast exhibiting depositional forms.

Select the correct answer using the code given below :

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1 only
- (d) 1, 2 and 3

49. Which one of the following States/UTs has the largest area under Coral Reefs in India ?

- (a) Gujarat
- (b) Tamil Nadu
- (c) Andaman and Nicobar Islands
- (d) Lakshadweep

88. In which one of the following highlands of India can you find temperate forests called 'Sholas' ?

- (a) Nilgiris
- (b) Vindhya
- (c) Satpuras
- (d) Himalayas

89. 'Pingos' are associated with which one of the following process ?

- (a) Glacial
- (b) Peri-glacial
- (c) Aeolian
- (d) Fluvial

90. Match List I with List II and select the correct answer using the code given below the Lists :

List I
(Drainage
Pattern of River)

List II
(Feature)

- | | |
|---------------|---|
| A. Insequent | 1. Whose direction of flow is controlled by the rock structure |
| B. Consequent | 2. No apparent reason why it follows the path it takes |
| C. Subsequent | 3. Flow in the same direction as the consequent stream but at a lower level |
| D. Resequent | 4. Whose course is determined by the original slope of the land |

Code :

	A	B	C	D
(a)	2	1	4	3
(b)	2	4	1	3
(c)	3	4	1	2
(d)	3	1	4	2

91. Which one of the following processes leads to expansion of certain minerals as they take up water, causing additional stress in the rock ?

- (a) Hydrolysis
- (b) Hydration
- (c) Oxidation
- (d) Carbonation

92. The Indian desert also known as *Marusthali* is believed to be under the sea during which one of the following eras ?

- (a) Cenozoic era
- (b) Palaeozoic era
- (c) Mesozoic era
- (d) Archaean and Pre-Cambrian era

104. India is still a young country as the median age of its population is

- (a) Less than 25 years
- (b) Between 25 to 30 years
- (c) Between 30 to 35 years
- (d) Between 35 to 40 years

109. Which one of the following is the other term used for 'Focus' in relation with an earthquake ?

- (a) Hypocentre
- (b) Epicentre
- (c) Isocentre
- (d) Principal Point

110. Which one of the following is *not* a mountain peak of the Andaman and Nicobar Islands ?

- (a) Saddle Peak
- (b) Mount Thuillier
- (c) Lhotse Peak
- (d) Mount Diavolo

111. Match List I with List II and select the correct answer using the code given below the Lists :

List I
(Cloud Form)

List II
(Characteristic)

- | | | | |
|----|--------------|----|---------------------------|
| A. | Cirrus | 1. | Storm clouds |
| B. | Cumulus | 2. | High fog "Low Ceiling" |
| C. | Nimbostratus | 3. | Fair-weather clouds |
| D. | Stratus | 4. | Entirely of ice particles |

Code :

- | | A | B | C | D |
|-----|----------|----------|----------|----------|
| (a) | 2 | 1 | 3 | 4 |
| (b) | 2 | 3 | 1 | 4 |
| (c) | 4 | 3 | 1 | 2 |
| (d) | 4 | 1 | 3 | 2 |

119. The 'Ramsar Convention' relates to which one of the following areas ?

- (a) Wetland preservation
- (b) Promote afforestation
- (c) Action plan on climate change
- (d) Combat desertification