



**MCQs:**

**1. Which of the following statement/s is/are true?**

1. The steel slag is a by-product of steel making.
2. Steel Slag could correct soil alkalinity.

- (a) 1 only  
(b) 2 only  
(c) Both 1 and 2  
(d) Neither 1 nor 2

Ans: a

**Explanation:**

- Steel slag, a by-product of steelmaking, is produced during the separation of molten steel from impurities in steel-making furnaces.
- Applications: agricultural sector due to its ability to correct soil acidity, as silicate fertilizer that is capable of providing silicon to plants, in manufacturing cement, to treat acidic water.

**2. How many of the below rivers are tributaries of the Gomti River?**

1. Gachai
2. Sai
3. Jomkai
4. Barna

- (a) Only 1  
(b) Only 2  
(c) Only 3  
(d) All 4

Ans: d



**Explanation:**

- Various Tributaries of River Gomati are Gachai, Sai, Jomkai, Barna, Chuha, Saryu, Giri, Kalyani, and Kathna.

**3. Ilmenite and Rutile abundantly available in certain coastal tracts of India, are rich sources of which one of the following?**

- (a) Aluminium
- (b) Copper
- (c) Iron
- (d) Titanium

Ans: d

**Explanation:**

- Ilmenite and rutile are the two chief minerals of titanium.

**4. Which of the following statement/s are true?**

1. India has more arable areas than China.
2. The proportion of the irrigated area is more in India as compared to China.

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

Ans: c

**Explanation:**

- Both statements are true.



**5. Which one of the following is the best example of repeated falls in sea level, giving rise to present-day extensive marshland?**

- (a) Bhitarkanika Mangroves
- (b) Marakkanam Salt Pans
- (c) Naupada Swamp
- (d) Rann of Kutch

Ans: d

**Explanation:**

- Rann of Kutch is the best example of repeated falls in sea level, giving rise to present-day extensive marshland.