



**MCQs:**

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

**1. Steel slag is used to treat acidic water.**

**2. Steel Slag is an industrial by-product obtained from the steel manufacturing industry.**

(a) 1 only

(b) 2 only

(c) Both 1 and 2

(d) Neither 1 nor 2

Ans c

**Explanation:**

- It is generated from a steel furnace burning at around 1,500-1,600 degree centigrade in the form of molten flux material as an impurity.
- In Agricultural sector, due to its ability to correct soil acidity, it is used as silicate fertilizer that is capable of providing silicon to the plants.

**2. 'AVSAR' initiative has been launched by?**

(a) NITI Ayog

(b) Reserve Bank of India

(c) Airport Authority of India

(d) SEBI

Ans: c

**Explanation:**

- The Airport Authority of India (AAI) has taken the 'AVSAR' initiative to allocate space to Self Help Groups (SHGs) at its airports for selling/showcasing the self-made products of their region.

**3. Which one of the following ancient towns is well-known for its elaborate system of water harvesting and management by building a series of dams and channelizing water into connected**



**reservoirs?**

- (a) Dholavira
- (b) Kalibangan
- (c) Rakhigarhi
- (d) Ropar

Ans: a

**Explanation:**

- The architecture of Dholavira shows a large-scale use of sandstone, combined in places with mudbrick—a feature of the Harappan sites of Gujarat. The city had an impressive and unique water harvesting and management system.

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

**1. The Intergovernmental Panel on Climate Change is the international body for assessing the science related to climate change.**

**2. It was set up in 1988 by the World Meteorological Organisation (WMO) and United Nations Environment Programme (UNEP).**

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

Ans: c

- It was set up in 1988 by the World Meteorological Organisation (WMO) and United Nations Environment Programme (UNEP) to provide policymakers with regular assessments of the scientific basis of climate change, its impacts and future risks, and options for adaptation and mitigation.

**5. Which one of the following is used in preparing a natural mosquito repellent?**

- (a) Congress grass
- (b) Elephant grass
- (c) Lemongrass



(d) Nut grass

Ans: c

**Explanation:**

- Citronella the essential oil found in Lemongrass is registered with the FDA. It is the most widely used natural mosquito repellent found in candles, sprays, and lotions.