



**MCQs:**

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

- 1. District Mineral Foundation (DMF) is a non-profit statutory trust.**
- 2. It has been set up for the augmentation of the mining process.**

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

Ans: a

**Explanation:**

- District Mineral Foundation (DMF) is a non-profit statutory trust, which has been set up for the welfare of the districts affected by mining-related activities.

**2. In which of the following relief sculpture inscriptions is 'Ranyo Ashoka' (King Ashoka) mentioned along with the stone portrait of Ashoka?**

- (a) Kanganahalli  
(b) Sanchi  
(c) Shahbazgrhi  
(d) Sohgaura

Ans: a

**Explanation:**

- The very important discovery at Kanganahalli was the sculpture of Maurya emperor Ashoka with the label "Rayo Asoka".
- Kanganahalli in Karnataka is the site with an inscription in Brahmi script reading "Ranyo Ashoka" (King Ashoka) and a sculpture of King Ashoka.



### 3. *Bacillus thuringiensis* serotype israelensis is

- (a) Fungi
- (b) Bacteria
- (c) Virus
- (d) Mosses

Ans: b

#### Explanation:

- *Bacillus thuringiensis* serotype israelensis is a group of bacteria used as biological control agents for larvae stages of certain dipterans. Bti produces toxins which are effective in killing various species of mosquitoes.

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

1. Registration and regulation of Asset Reconstruction Companies (ARCs) by the Reserve Bank of India is regulated by SARFAESI Act.
2. The act also facilitate securitization of financial assets of banks and financial institutions.

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

Ans: c

#### Explanation:

- SARFAESI act deals with, Registration and regulation of Asset Reconstruction Companies (ARCs) by the Reserve Bank of India.
- Facilitating securitization of financial assets of banks and financial institutions with or without the benefit of underlying securities.

### 5. CRISPR is associated with?



- (a) Refugee resettlement
- (b) Gene Editing
- (c) Ethical Hacking
- (d) Spyware

**Ans: b**

**Explanation:**

- CRISPR gene editing is a genetic engineering technique in molecular biology by which the genomes of living organisms may be modified.