



**MCQs:**

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

1. Genome sequencing is figuring out the order of DNA nucleotides, or bases, in a genome.
2. Genome is the complete set of genetic information in an organism.

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

Ans: c

**Explanation:**

- Genome sequencing is figuring out the order of DNA nucleotides, or bases, in a genome the order of Adenine, Cytosine, Guanine, and Thymine that make up an organism's DNA.
- Genome is the complete set of genetic information in an organism.

**2. Which of the following is not a nucleotide of DNA?**

- (a) adenine  
(b) cytosine  
(c) guanine  
(d) uracil

Ans: d

**Explanation:**

- The bases used in DNA are adenine (A), cytosine (C), guanine (G) and thymine (T). In RNA, the base uracil (U) takes the place of thymine. DNA and RNA molecules are polymers made up of long chains of nucleotides.



**3. 'MIKE Program' is associated with?**

- (a) Tiger Conservation
- (b) Wild Ass Conservation
- (c) Black Buck Conservation
- (d) Elephant Conservation

Ans: d

**Explanation:**

- The Monitoring the Illegal Killing of Elephants (MIKE) programme is an international collaboration that measures the levels, trends and causes of elephant mortality, thereby providing an information base to support international decision-making related to conservation of elephants in Asia and Africa.

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

1. Project Elephant (PE) was launched by the Government of India in the year 1991-92.
2. One of its objective is Welfare of domesticated elephants.

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

Ans: c

**Explanation:**

- Project Elephant (PE) was launched by the Government of India in the year 1991-92 as a Centrally Sponsored Scheme with the following objectives:
- To protect elephants, their habitat and corridors
- To address issues of man-elephant conflict
- Welfare of domesticated elephants



**5. Which of the following state is associated with Jal Satyagraha?**

- (a) Gujarat
- (b) Madhya Pradesh
- (c) Uttar Pradesh
- (d) Haryana

Ans: b

**Explanation:**

- The Jal Satyagraha protest in the Khandwa district of Madhya Pradesh, India, is an ongoing protest by residents of Gogalgaon village, and neighboring hamlets, that involves them remaining immersed in the waters of the Narmada River.