

REASONING

Assertion Reasoning Worksheet for MAH MCA CET 2025

For students preparing for MCA Entrance Exam.

1. Assertion (A): India is a democratic country.
Reason(R): People elect their own representatives who form the government.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

2. Assertion (A): Methane gas released by some industries leads to global warming.
Reason (R): Methane is a heavy gas and it settles in the lower regions of the atmosphere.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

3. Assertion(A): Rainwater harvesting reduces soil erosion.
Reason(R): Rainwater harvesting is not important for conservation of water.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

4. Assertion (A): The steam engine was invented by James Watt.
Reason (R): There was a problem of taking out water from flooded mines.

- A. Both A and R are true and R is the correct explanation of A.

- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

5. Assertion (A): Cut fruits and vegetables should not be kept in open for long.
Reason (R): Their vitamin content is ruined.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

6. Assertion (A): Baking soda creates acidity in the stomach.
Reason (R): Baking soda is alkaline.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

7. Assertion (A): The escape velocity from the surface of the moon is less than that from the Earth's surface.
Reason (R): The moon has no atmosphere.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

8. Assertion (A): The British sovereignty continued to exist in India.

Reason (R): The British sovereign appointed the last Governor-General of free India.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

9. Assertion (A): Increase in carbon dioxide would melt polar ice.

Reason (R): Global temperature would rise.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

10. Assertion (A): Areas near the Equator receive rainfall throughout the year.

Reason (R): High temperature and high humid cause conventional rain in afternoons near the Equator.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

11. Assertion (A): In upper course, work of the river is erosion.

Reason (R): River flows swiftly in the upper course.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

12. Assertion (A): We prefer to wear white clothes in winter.

Reason (R): White clothes are good reflectors of heat.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.

C. A is true but R is false.

D. A is false R is true.

13. Assertion (A): Forest cutting is undesirable from the point of view of soil erosion.

Reason(R): Cutting of forests reduces the interception of rain water.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

14. Assertion (A): Mercury is the farthest planet from the Sun.

Reason (R): Mercury is the smallest planet in the entire solar system.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

15. Assertion (A): Venus is placed distant from the Sun as compared to Mercury, yet it is the hottest.

Reason (R): Immense carbon dioxide in the atmosphere of Venus creates a greenhouse effect.

- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. A is false R is true.

Answer Key

1. A	2. A	3. C	4. A	5. A	6. D	7. B	8. D	9. A	10. A
11. A	12. D	13. A	14. D	15. A					

