

## Questions with Answer Keys

MathonGo

Q1: 16 March (Shift 1) - Single Correct

The type of pollution that gets increased during the day time and in the presence of  $O_3$  is:

- (1) Reducing smog
- (2) Oxidising smog
- (3) Global warming
- (4) Acid rain Official

Q2: 16 March (Shift 2) - Single Correct

The green house gas/es is (are):

- (A) Carbon dioxide
- (B) Oxygen
- (C) Water vapour
- (D) Methane

Choose the most appropriate answer from the options given below:

- (1) (A) and (C) only
- (2) (A) only
- (3) (A), (C) and (D) only
- (4) (A) and (B) only

Q3: 17 March (Shift 1) - Single Correct

Reducing smog is a mixture of:

- (1) Smoke, fog and  $O_3$
- (2) Smoke, fog and  $SO_2$
- (3) Smoke, fog and  $CH_2 = CH - CHO$
- (4) Smoke, fog and  $N_2O_3$

Q4: 17 March (Shift 2) - Single Correct

## Questions with Answer Keys

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Which of the following statement(s) is (are) incorrect reason for eutrophication?

- (A) excess usage of fertilisers
  - (B) excess usage of detergents
  - (C) dense plant population in water bodies
  - (D) lack of nutrients in water bodies that prevent plant growth
- Choose the most appropriate answer from the options given below:

(1) (A) only

(2) (C) only

(3) (B) and (D) only

(4) (D) only

**Q5: 18 March (Shift 1) - Single Correct**

The statements that are TRUE :

(A) Methane leads to both global warming and photochemical smog

(B) Methane is generated from paddy fields

(C) Methane is a stronger global warming gas

than  $\text{CO}_2$

(D) Methane is a part of reducing smog

Choose the most appropriate answer from the options given below :

(1) (A), (B), (C) only

(2) (A) and (B) only

(3) (B), (C), (D) only

(4) (A), (B), (D) only

**Q6: 18 March (Shift 2) - Single Correct**

Given below are two statements :

Statement I : Non-biodegradable wastes are

generated by the thermal power plants. Statement II : Bio-degradable detergents leads to eutrophication. In the light of the above statements, choose the most appropriate answer from the option given below

- (1) Both statement I and statement II are false
- (2) Statement I is true but statement II is false
- (3) Statement I is false but statement II is true
- (4) Both statement I and statement II are true.

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**Answer Key**

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**Q1 (2)**

**Q2 (3)**

**Q3 (2)**

**Q4 (4)**

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**Q5 (1)**

**Q6 (4)**

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