

## Day #23 of 60 Mission CDSE of Vision Defence Institute

### Chemistry

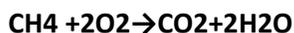
1. Which one of the following is the cause of acid rains?

- a) Ozone
- b) Ammonia
- c) Sulphur dioxide
- d) Carbon monoxide

2. What is the desirable range of pH for drinking water?

- a) 6.5 to 8.5
- b) 5.0 to 6.5
- c) 6.5 to 7.0
- d) 7.0 to 8.5

3. Consider the following reaction:



Which of the following about the reaction given above is/are correct?

- 1. carbon is oxidised
- 2. hydrogen is oxidized
- 3. hydrogen is reduced
- 4. carbon is reduced

Select the correct answer using the code given below:

- a) Only 1
- b) 1 and 2
- c) 2 and 3
- d) 2 and 4

4. Which of the following statements about magnetite ore of iron is/are correct?

- 1. It is known as black ore
- 2. It contains 60% to 70% of pure iron
- 3. It possesses magnetic properties

Select the correct answer using the code given below:

- a) Only 1
- b) 2 and 3
- c) 1 and 3
- d) All of these

5. Zinc is used to protect the iron from corrosion because zinc is

- a) More electropositive than iron
- b) Cheaper than iron
- c) A bluish white metal
- d) A good conductor of heat and electricity

6. Which one of the following gases is placed second in the respect of abundance in the earth's atmosphere?

- a) Oxygen
- b) Hydrogen
- c) Nitrogen
- d) Carbon dioxide

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7. Which one of the following is a chemical change?

- a) Cutting of hair
- b) Graying of hair naturally
- c) Swelling of resin in water
- d) Cutting of fruit

8. Which one among the following chemicals is used as washing soda?

- a) Calcium carbonate
- b) Calcium bicarbonate
- c) Sodium carbonate
- d) Sodium bicarbonate

9. Why is potassium permanganate used for purifying drinking water?

- a) It kills germs
- b) It dissolves the impurities
- c) It is a reducing agent
- d) It is an oxidizing agent

10. The principle use of hydrofluoric acid is

- a) In etching glasses
- b) As a bleaching agent
- c) As an extremely strong oxidizing agent
- d) In the preparation of strong organic fluorine compounds



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## **Day #23 of 60 Mission CDSE of Vision Defence Institute**

### **Current Affairs October 2019**

**1. Which one of the following nations is set to issue postage stamp bearing the image of Mahatma Gandhi in memory of Mahatma Gandhi's 150<sup>th</sup> Anniversary?**

- a) Azerbaijan
- b) Turkmenistan
- c) Madagascar
- d) Russia

**2. Which of the following is correct about MyGov- a citizen platform?**

- a) It is founded by government of India to promote the active participation of Indian citizens in their country's governance and development
- b) Its users discuss and contribute to various government idea
- c) Prime Minister Narendra Modi stated that the aim was to reduce the long gap developed between the electorate and the Executive before election
- d) None of these

**3. Name the former Indian cricketer who receives the most effective Swachhata Ambassador award 2019?**

- a) Virendra Shewag
- b) Sachin Tendulkar
- c) Gautham Gambhir
- d) Yuvaraj Singh

**4. Which of the following bank that has signed an MoU with Indian Army with the aim to provide new and better banking experience for both serving & retired personnel of Indian Army?**

- a) State Bank of India (SBI)
- b) Canara Bank
- c) Bank of Baroda (BoB)
- d) Indian Bank

**5. Which one of the following is correct about the Exercise Nomadic Elephant?**

- a) It is a joint military exercise conducted between Indian Army and the Army of Thailand
- b) In 2019, the exercise was conducted in Bakloh
- c) The year 2019 is the 16<sup>th</sup> Edition of the exercise
- d) Indian Army is being represented by contingent of a battalion of Madras regiment.

**6. The 2019 edition of the Joint Military Exercise "Ekuverin" will take place between India and which one of the following countries?**

- a) Sri Lanka
- b) Maldives
- c) Vietnam
- d) Myanmar

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**7. Which one of the following is correct about the Exercise “Ekuverin”?**

- a) The Joint Military Exercise Ekuverin is between the Indian Army and the Thailand Army
- b) Exercise “Ekuverin” meaning ‘Friends’ in the spanish language
- c) In the year 2019, the exercise will be held in Aundh Military station, Pune
- d) none of the above

**8. What was the theme of the Wildlife Week 2019, that is celebrated from 2nd - 8th October?**

- a) Theme – “Protect and Preserve Big Cats”
- b) Theme – “Life Below Water: For People and Planet”
- c) Theme – “Listen to the young voices”
- d) Theme – “The future of wildlife is in our hands”

**9. Which of these days is observed as the World Teachers’ Day?**

- a) October 5
- b) October 2
- c) October 1
- d) October 3

**10. With which of the following countries did Bangladesh sign MoU for setting up a coastal surveillance system radar in Bangladesh?**

- a) India
- b) Nepal
- c) Sri Lanka
- d) China

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