

DAY #22 of Mission CDSE of Vision Defence Institute

Physics

1. Hygrometer is an instrument for measuring

- a) The amount of water vapour in the atmosphere
- b) Expansion of water vapour with temperature
- c) Density of air
- d) Amount of oxygen in the atmosphere

2. With the increase in temperature the speed of the sound in air

- a) Decreases
- b) Increases
- c) Remains unchanged
- d) Increases by 0.61 m/s per 1-degree rise in temperature

3. Audible range of a dog ear is

- a) 15 to 50000 Hz
- b) 20 to 20000 Hz
- c) 30 to 30000 Hz
- d) 40 to 40000 Hz

4. Ultrasonic waves are used for sterilizing liquid solution because

- a) They do not produce chemical reactions in a solution
- b) They can produce perfect homogenous solution
- c) They help in removing impurities

d) They do not produce noise during operation

5. A person want to see his full image in plane mirror. Which one of the following is the minimum size required to see the full image?

- a) Height of the mirror is twice the height of the person
- b) Height of the mirror is equal to the height of the person
- c) Height of the mirror is $\frac{1}{2}$ the height of the person
- d) Height of the mirror is $\frac{1}{3}$ the height of the person

6. Hypermetropia, a defect of eye can be corrected by using

- a) Convex lens
- b) Concave lens
- c) Cylindrical lens
- d) Google lens

7. The permanent magnet is made from which one of the following substances?

- a) Diamagnet
- b) Para magnet
- c) Ferro magnet
- d) Soft iron

DAY #22 of Mission CDSE of Vision Defence Institute

8. Which of the following is not a chemical source of electricity?

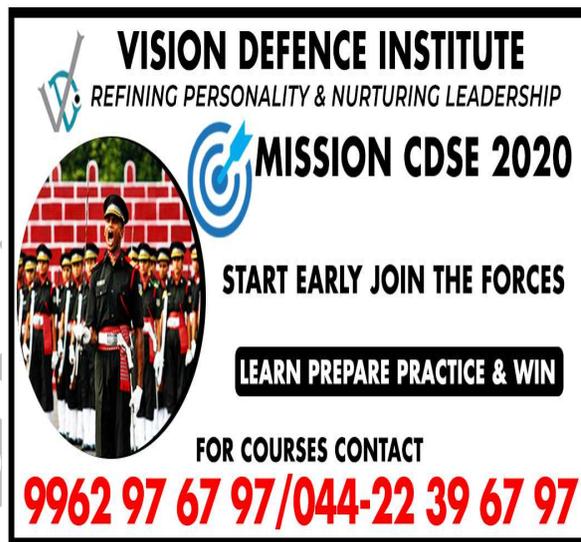
- a) Dry cell
- b) Lead acid cell
- c) Daniell cell
- d) Dynamo

9. Chromatic aberration in a lens is caused by

- a) Reflection
- b) Interference
- c) Diffraction
- d) Dispersion

10. Which of the following has the longest wavelength?

- a) Blue light
- b) Red light
- c) Gamma Ray
- d) X-Ray



VISION DEFENCE INSTITUTE
REFINING PERSONALITY & NURTURING LEADERSHIP

MISSION CDSE 2020

START EARLY JOIN THE FORCES

LEARN PREPARE PRACTICE & WIN

FOR COURSES CONTACT
9962 97 67 97 / 044-22 39 67 97

DAY #22 of Mission CDSE of Vision Defence Institute

Current Affairs October 2019

1. Who among the following officers has been appointed the Vice Chief of Indian Air Force?

- a) Air Marshal H S Arora
- b) Air Marshal Shiva
- c) Air Marshal Arjan Singh
- d) Air Marshal Rakesh Kumar

2. Which is the theme for the 2019 International Day of Older Persons?

- a) The Journey to Age Equality
- b) Celebrating Older Human Rights champions
- c) Sustainability and Age Inclusiveness in the Urban Environment
- d) Take a Stand Against Ageism

3. Which bank became the first Indian bank to set up its office in Victoria- a city in Australia?

- a) Union Bank
- b) Indian Bank
- c) SBI
- d) Canara Bank

4. The International Day of Non-Violence is observed on which one of the following dates?

- a) September 30
- b) October 1
- c) October 2

d) October 3

5. Which of the following is correct about the mobile app- "Consumer App" launched by the Ministry of Consumer Affairs?

- a) Latest notification related to the schemes of the ministry
- b) Customer complaint registration and redressal
- c) Involvement of Public in government strategies formulation
- d) Inform the latest prices of commodities to the consumer

6. Which country is set to host the 64th Commonwealth Parliamentary Conference in the year 2019?

- a) Russia
- b) Germany
- c) Uganda
- d) Zimbabwe

7. Who among the following is the first Lieutenant Governor of Union Territory of Jammu and Kashmir?

- a) Gita Mittal
- b) Girish Chandra Murmu
- c) Satya Pal Malik
- d) R. K. Mathur

DAY #22 of Mission CDSE of Vision Defence Institute

8. Who among the following is the first Lieutenant Governor of Union Territory of Ladakh?

- a) Gita Mittal
- b) Girish Chandra Murmu
- c) Satya Pal Malik
- d) R. K. Mathur

9. Which among the following railway stations in India has been adjudged as the cleanest railway station in the 2019 Station Cleanliness Survey "Swachh Rail, Swachh Bharat"?

- a) Jaipur
- b) Durgapur
- c) Gandhinagar
- d) Indore

10. What is the theme of the World Space Week (Oct 4-10) for the year 2019?

- a) "The Moon: Gateway to the Stars"
- b) "Exploring New Worlds in Space"
- c) "Remote Sensing': Enabling Our Future"
- d) "Space Unites the World"



VISION DEFENCE INSTITUTE
REFINING PERSONALITY & NURTURING LEADERSHIP

MISSION CDSE 2020

START EARLY JOIN THE FORCES

LEARN PREPARE PRACTICE & WIN

FOR COURSES CONTACT
9962 97 67 97/044-22 39 67 97

SERVE WITH HONOUR

Solutions