

DAY #24 of Mission CDSE of Vision Defence Institute

Biology

1. Consider the following statements:

1. Warm-blooded animals can remain active in cold environment in which cold-blooded animals can hardly move.

2. Cold-blooded animals require much less energy to survive than warm-blooded animals.

Choose the correct codes

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

2. Consider the following statements:

1. Human beings have 23 pairs of chromosomes.

2. Sex chromosome in human male is named XX.

3. Chromosomes are best seen in metaphase.

Which of the statements given above are false about chromosomes?

- a) 1 and 2
- b) 2 only
- c) 1, 2 and 3

d) None of these

3. Which of the following professionals are more likely to run the risk of a permanent change in their cell's DNA?

- 1. Researchers from carbon-14 isotope
- 2. X-ray technician
- 3. Coal miner
- 4. Dyer and painter

Choose the correct codes:

- a) 2 only
- b) 1, 2 and 3
- c) 1, 2 and 4
- d) 1, 3 and 4

4. With reference to the work of human kidney, consider the following statements.

1. After the waste is removed in the kidney, the cleaner blood is sent back through renal artery.

2. From Bowman's capsule, the filtered liquid passes through tiny tubes where much of the glucose is reabsorbed and sent back to the blood in the renal vein.

Choose the correct codes

- a) 1 only
- b) 2 only

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c) Both 1 and 2

d) Neither 1 nor 2

Choose the correct codes

A B C D

5. Consider the following statements

1. Once the HIV gains a foothold, it can never be eradicated from the body.

2. Many HIV patients, however, can manage the infection with a cocktail of drugs.

3. It is very mutable and infects the respiratory system itself.

Choose the correct codes

a) 1 and 2 only

b) 2 and 3 only

c) 1 and 3 only

d) All are correct

a) 1 2 3 4

b) 2 4 1 3

c) 4 2 1 3

d) 1 2 4 3

6. Match the List-I and List-II:

List-I

List-II

(Organs of the Body) (Process of Treatment)

A. Heart

B. Kidney

C. Eye

D. Uterus

1. Cataract Operation

2. Angioplasty

3. Hysterectomy

4. Dialysis

7. The main reason why antibiotics could not solve all the problems of bacterial diseases is

a) Insensitivity of the individual following prolonged exposure to antibiotics

b) Inactivation of antibiotics by bacterial enzymes

c) Decreased efficiency of the immune system

(d) The development of mutant strains resistant to antibiotics

8. Consider the following statements

1. ECG is a test that measures the electrical activity of the heart.

2. ECG is not used to measure the rate and regularity of heart beats.

Choose the correct codes

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- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of these

9. Consider the following statements

1. Hepatitis-B is several times more infectious than HIV/AIDS.
2. Hepatitis-B can cause liver cancer.

Choose the correct codes

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

10. Which of the following statements is/are correct?

1. Cholera is a disease caused by bacteria.
2. Athlete's foot is a disease caused by virus.

Choose the codes

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

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Current Affairs October 2019

1. Consider the following statements

1. Two women astronauts namely Christina Koch and Jessica Meir made space history on October 18 as they completed the first-ever spacewalk by an all woman team

2. They Belonged to JAXA space agency

Choose the correct codes

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

2. Which team has won the Pro Kabaddi League title in the year 2019?

- a) Bangalore Bulls
- b) Bengal Warriors
- c) Patna Pirates
- d) Dabang Delhi

3. Which one of the following countries is going to host the 7th International Military World Games underway?

- a) India
- b) Abu Dhabi

- c) Iran
- d) China

4. India signed the Kartarpur Sahib Corridor Agreement with which one of the following countries?

- a) Nepal
- b) Bangladesh
- c) Afghanistan
- d) Pakistan

5. Which one of the following dates, the World Polio Day (WPD) is observed?

- a) 24th October
- b) 27th October
- c) 26th October
- d) 28th October

6. Which among the following countries did India signed a Memorandum of Understanding (MoU) to launch the RuPay card in that country?

- a) Pakistan
- b) Saudi Arabia
- c) Afghanistan
- d) Russia

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7. With which one of the following countries did India participate in a Border Personnel Meeting (BPM)?

- a) Russia
- b) Pakistan
- c) Bhutan
- d) China

8. Consider the following statement about Border Personnel Meeting.

a) Border Personnel Meeting (BPM) is conducted every year on 30th October and is in vogue since the Border Peace and Tranquility agreement was signed between India and China on 7 September 1993.

b) The Border Personnel Meeting (BPM) mechanism has evolved into a vital platform for resolving local issues and fostering mutual confidence amongst Border Guarding Troops of both nations.

Choose the correct codes

- a) 1 only
- b) 2 only
- c) Both 1 and 2
- d) None of the above

9. Which one of the following is not correct about "Sardar Patel National Unity Award?"

- a) Centre government has instituted "Sardar Patel National Unity Award", the country's highest civilian award in field of contribution to unity and integrity of India
- b) The award recognizes the notable and inspiring contributions made by any institution or organization or individual to promote cause of national unity and integrity as well as to reinforce the value of a strong and united India.
- c) In a given year not more than three Awards would be given and it would not be conferred posthumously except in very rare and highly deserving cases
- d) In a given year more than three Awards would be given and it would not be conferred posthumously except in very rare and highly deserving cases.

10. When is the Indian Air Force day celebrated?

- a) 7th October
- b) 8th October
- c) 11th October
- d) 10th October

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Solutions

Biology

1. B
2. B
3. B
4. B
5. A
6. B
7. D
8. A
9. C
10. A

Current Affairs October 2019

1. A
2. B
3. D
4. D
5. A
6. B
7. D
8. C
9. D
10. B

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