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**Q.1) Consider the following statements with respect to 'Colistin'**

1. It is an antibiotic for therapeutic purpose in veterinary.
2. One of the reasons for antibiotic resistance in India is due to unwanted use of Colistin in poultry industry.

**Select the correct statements**

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

**Q.1) Solution (c)**

Colistin is an antibiotic for therapeutic purpose in veterinary. But the drug is highly misused in poultry industry as a growth promoter for prophylactic purpose. One of the reason for antibiotic resistance in India is due to unwanted use of Colistin in poultry industry.

The antibiotic is being used as a last resort for treatment of patients suffering from infections caused by drug-resistant bacteria.

In exercise of powers conferred by section 26A of the Drugs and Cosmetics Act, 1940 the government hereby prohibits manufacture, sale and distribution of the following drug with immediate effect, Colistin and its formulations for food producing animals, poultry, aqua farming and animal feed supplements.

The ministry also directed that manufacturer of the drug and its formulations shall label the container of the drug and mention the words not to be used in food producing animals, poultry, aqua farming and animal feed supplements in conspicuous manner on the package insert and promotional literature of the said drug and its formulations.

**Q.2) Which of the following statements is/are correct with respect to 'Chandipura Virus'**

1. It was first reported from a forest in Karnataka
2. It is associated with an encephalitic illness in humans

**Select the correct statements**

- a) 1 Only
- b) 2 Only
- c) Both 1 and 2

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d) Neither 1 nor 2

**Q.2) Solution (b)**

Named after the Maharashtra village where the virus was first discovered, the likely vector (carrier) of the virus is the female phlebotomine sandfly. It has been detected in sand flies in Senegal and Nigeria, apart from India. The virus is known to cause inflammation of the brain, and as mentioned already, progresses rapidly from influenza-like illness to coma and death.

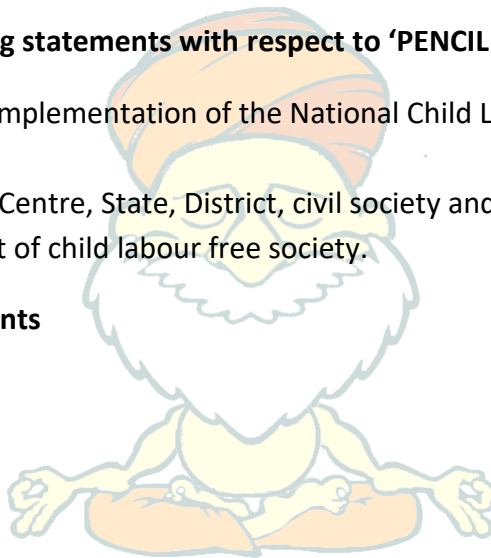
The Chandipura virus (CHPV) belongs to the Rhabdoviridae family in the order Mononegavirales of the genus Vesiculovirus.

**Q.3) Consider the following statements with respect to 'PENCIL Portal'**

1. It ensures smooth implementation of the National Child Labour Project (NCLP) Scheme
2. It aims at involving Centre, State, District, civil society and the general public in achieving the target of child labour free society.

**Select the correct statements**

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



**Q.3) Solution (c)**

To ensure effective enforcement of the provisions of the Child Labour Act and smooth implementation of the National Child Labour Project (NCLP) Scheme a separate online portal Platform for Effective Enforcement for No Child Labour (PENCIL) has been launched.

The Portal connects Central Government to State Government(s), District(s), all Project Societies and the General public. Further, online complaints regarding child labour can also be filed by anybody on the Pencil Portal.

**Q.4) Consider the following statements with respect to 'Interferometer'**

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1. It is one leading method for the direct detection of gravitational waves.
2. It works by merging two or more sources of light to create an interference pattern, which can be measured and analysed.

**Select the correct statements**

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

**Q.4) Solution (c)**

Interferometers are investigative tools used in many fields of science and engineering. They are called interferometers because they work by merging two or more sources of light to create an interference pattern, which can be measured and analyzed; hence 'Interfere-o-meter', or interferometer. The interference patterns generated by interferometers contain information about the object or phenomenon being studied. They are often used to make very small measurements that are not achievable any other way. This is why they are so powerful for detecting gravitational waves--LIGO's interferometers are designed to measure a distance 1/10,000th the width of a proton!

**Q.5) Service voter is a voter having service qualification. According to the provisions of Representation of People Act, 1950, service qualification means –**

1. Being a member of the armed Forces of the Union
2. Being a member of an Armed Police Force of a State, and serving outside that state
3. Being a person who is employed under the Government of India, in a post outside India

**Select the correct statements**

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) All of the above

**Q.5) Solution (d)**

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According to the provisions of sub – section (8) of Section 20 of Representation of People Act, 1950, service qualification means –

- a) Being a member of the armed Forces of the Union ; or
- b) Being a member of a force to which provisions of the Army Act, 1950 (46 of 1950), have been made applicable whether with or without modification ;
- c) Being a member of an Armed Police Force of a State, and serving outside that state; or
- d) Being a person who is employed under the Government of India, in a post outside India.

#### **Classified Service Voter**

- Service voter belonging to Armed Forces or forces to which provisions of Army Act, 1950 are applicable, has option of either voting through postal ballot or through a proxy voter duly appointed by him. A service voter who opts for voting through a proxy is called Classified Service Voter (CSV).

#### **Proxy**

A service voter may appoint (by applying to Returning Officer in Form 13 F of Conduct of Elections Rules, 1961 – Form available at the website of Election Commission) any person as his / her proxy to give vote on his / her behalf and in his / her name at the polling station. The proxy shall have to be ordinary resident of that constituency. He need not be a registered voter but he / she must not be disqualified to be registered as a voter.

Read more - <https://eci.gov.in/faqs/voter-electors/service-voter/faqs-service-electors-r13/>

