



Date : 3rd Dec 2023

General Knowledge - Diseases

English

**Q:1** Antibiotics are the generally used as an effective medication agent against which type of disease?

1. Viral
2. Fungal
3. Bacterial
4. Protozoan

**Q:2** Which of the following is a non bacterial disease?

1. Dengue
2. Tuberculosis
3. Anthrax
4. Cholera

**Q:3** Which pollution causes Itai-Itai disease in human beings?

1. Mercury pollution
2. Cadmium pollution
3. Arsenic pollution
4. Nitrate pollution

**Q:4** Among the listed options, pinpoint the disease attributed to protozoa.

1. Cholera
2. Diphtheria
3. Pneumonia
4. Malaria

**Q:5** Which of the following diseases is caused by a virus?

1. Ringworm
2. Cholera
3. Measles
4. Typhoid

**Q:6** Which of the following disease is completely eradicated from world?

1. Small pox
2. Malaria
3. Tuberculosis
4. AIDS

**Q:7** Ringworm are the causative organisms of the most infective human diseases belongs to which kingdom?

1. Monera

2. Protista
3. Fungi
4. Protozoa

**Q:8** Which of the following is a sexually transmitted disease?

1. AIDS
2. Diarrhea
3. Anthrax
4. Tetanus

**Q:9** Which Vitamin deficiency leads to a disease called Pernicious anemia?

1. B2
2. B6
3. B10
4. B12

**Q:10** Which of the following disease is caused by severe deficiency of proteins?

1. Kwashiorkor
2. Anaemia
3. Osteoporosis
4. Goitre



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### Answer Key

1. (3)	2. (1)	3. (2)	4. (4)	5. (3)
6. (1)	7. (3)	8. (1)	9. (4)	10. (1)

### Answers and Solutions

**Q:1** The correct answer is **option 3** i.e. **Bacterial disease**.

Antibiotics are medicines that fight bacterial infection in people and animals. They work by killing the bacteria or by making it hard for the bacteria to grow and multiply.

**Q:2** The correct answer is **option 1** i.e. **Dengue**.

Dengue is a viral infection transmitted to humans through the bite of infected mosquitoes. The primary vectors that transmit the disease are *Aedes aegypti* mosquitoes.

**Q:3** The correct answer is **option 2** i.e. **Cadmium pollution**.

Itai Itai is a disease caused by **Cadmium pollution**. The term Itai Itai translates into 'It hurts, It hurts' and is one of the four big pollution diseases of Japan.

Itai Itai disease was caused as result of human activities related to industrialisation during the 1960s in Japan.

The disease was characterized by osteomalacia with severe bone pain and is associated with renal tubular dysfunction.

**Q:4** The correct answer is **option 4** i.e. **malaria**.

Malaria is the disease caused by protozoa. Specifically, it is caused by Plasmodium parasites, which are transmitted to humans through the bites of infected female Anopheles mosquitoes.

These parasites then multiply and develop in the human liver before entering the bloodstream, leading to the characteristic symptoms of malaria, which can include high fever, chills, and flu-like symptoms.

Cholera is caused by a bacterium (*Vibrio cholerae*), diphtheria by a bacterium (*Corynebacterium diphtheriae*), and pneumonia can be caused by various pathogens, including bacteria, viruses, and fungi.

Each of these diseases has different causative agents, making malaria unique as the disease caused by protozoa.

**Q:5** The correct answer is **option 3** i.e. **Measles**.

Measles is caused by a virus in the paramyxovirus family.

It spreads through direct contact and the air.

It infects the respiratory tract and then spreads throughout the body.

Cholera and typhoid spread through contaminated food and water by bacteria.

Ringworm is caused by a fungus.

**Q:6** The correct answer is **Option 1** i.e. **Small Pox**.

In **1980**, the World Health Assembly declared smallpox eradicated (eliminated), and no cases of naturally occurring smallpox have happened since.

**Q:7** The correct answer is **option 3** i.e. **Fungi**.

Many fungi belonging to the genera *Microsporum*, *Trichophyton* and *Epidermophyton* are responsible for ringworms which is one of the most common infectious diseases in man.

Appearance of dry, scaly lesions on various parts of the body such as skin, nails and scalp are the main symptoms of the disease.

**Q:8** The correct answer is **option 1** i.e. **AIDS**.

Sexually transmitted diseases (STDs), or sexually transmitted infections (STIs), are **infections that are passed from one person to another through sexual contact**. The contact is usually vaginal, oral, or anal sex.

The full form of AIDS is Acquired Immune Deficiency Syndrome.

**Q:9** The correct answer is **Option 4** i.e. **B12**

The deficiency of **Vitamin B12** leads to a disease called Pernicious anemia.

Pernicious anemia is a condition in which the body cannot make enough healthy red blood cells due to the deficiency of vitamin B12.

Without enough vitamin B12, our red blood cells are unable to divide normally and are too large. As a result, they may have trouble getting out of the bone marrow.



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Q:10 The correct answer is **option 1** i.e. **Kwashiorkor**.

**Kwashiorkor** is a form of severe protein malnutrition characterized by edema and an enlarged liver with fatty infiltrates.

It is caused by insufficient protein consumption.

Early symptoms include fatigue, irritability, and lethargy.

As protein deprivation continues, one sees growth failure, loss of muscle mass, generalized swelling (edema), and decreased immunity.

