

Value Based Questions

1. The number of dengue cases had increased in Pooja's village in last one year. She has studied that diseases like dengue spread through mosquitoes which breed in stagnant water. She immediately suggested her friends and decided to kill the mosquitoes in water bodies in the locality. They also took help of nearest municipal office.

Answer the following questions based on above information:

- (i) Which preventive measures do you suggest for the prevention of such diseases caused by mosquitoes? Mention any two measures.**
- (ii) Which values are displayed by Pooja in taking initiative?**
- (iii) Suggest one school activity to promote such values in school students.**

Ans. (i) Avoid water logging, proper and regular disinfection, use of mosquito net and repellents.

(ii) Community Service/Social Responsibility/Environmental protection/Awareness about healthy living conditions. (Any two)

(iii) Organising campaigns for creating awareness amongst masses/Organising debates/Arranging similar community service/Group discussion. (Any one)

2. Government officials often go from one house to another every year and request people to take their infants to the Pulse Polio booths to administer polio drops to them. However, in a particular colony there were six infants but only four were taken to the booth.

Answer the following questions based on the above information:

(i) Why does the Government take active part in administering polio drops to all infants?

(ii) What values are being ignored by people who do not take their infants to the pulse Polio booth?

(iii) Government officials go from house-to-house for promoting polio drops vaccination.

Besides doing their office duty, which values are promoted through their actions?

Ans. (i) To make the country polio-free and increase the health standards of the country.

(ii) Care of their children's health, prudence, social good.

(iii) Service to society, social concerns, and goodness to others.

3. Nita's mother fell ill and the doctor diagnosed her with pernicious anemia. She felt lethargic and did not have the energy to do work. Nita helped her mother in household work till she recovered.

Answer the following questions based on the above information:

- (i) Name the vitamin whose deficiency caused pernicious anemia.**
- (ii) What changes do you think the doctor might have made to her diet?**
- (iii) Mention the values shown by Nita.**

Ans. (i) Vitamin B12.

(ii) Increased animal products-meat, egg and dairy products.

(iii) Self awareness, caring, responsible.

4. Naveen was suffering from respiratory disorder since long time. His daughter Sarika took him to a doctor. After studying his case, the doctor came to know that Naveen was residing near a very busy road.

- (i) What could be the possible reason for Naveen's respiratory disorder?**
- (ii) Which major pollutants are present in exhaust of vehicles?**
- (iii) Write the preventive measures that should be taken.**

Ans. (i) Air pollution.

(ii) Carbon monoxide, carbon dioxides, nitrogen oxides and smoke.

(iii) Use of fuel that burns completely, regularly PUC (pollution under control) to be checked of all the vehicles.

5. In a school assembly, the students were asked to wear full sleeves shirts, full pants and socks pulled till knees, use mosquitoes repellants cream during day time.

- (i) Name the disease, about which preventive instruction are given in the assembly.**
- (ii) Name the vector of this disease.**
- (iii) Give two preventive environmental measures.**
- (iv) Which two values were given in assembly related to society?**

Ans. (i) Dengue.

(ii) Aedes mosquito.

(iii) Water should not be stagnant, use of mosquito repellants.

(iv) Awareness, importance to health.

6. Two HIV-infected siblings Radha and Rahul were expelled from their school Only after the intervention of an NGO, they were readmitted.

- (i) What values are promoted by the school?**
- (ii) write any three modes of transmission of this disease.**
- (iii) What is your viewpoint about both the steps taken by the school as well as the NGO?**

Ans. (i) Discrimination, no regard for human values.

(ii) Blood transfusion, infected syringe, carrier mother to her foetus.

(iii) School was wrong, an NGO was right.

7. Smita came to school one day with running nose, reddish and watery eyes and coughed often. She met Aarushi in the morning assembly who advised her to sit on a separate desk in the classroom till she recovers.

- (i) Name the disease from which Smita is suffering from?**
- (ii) Enlist any two preventive measures.**
- (iii) What is your view point on the Arushi's advice?**

Ans. (i) Cold.

(ii) (a) Isolation of patient.

(b) Personal hygiene.

(iii) Aarushi's advice was helping, caring and she was aware of disease.

8. Raman's family is happy as he became a proud father to a baby girl. Upon a routine visit to the hospital, the doctor advised him not to skip the vaccination schedule. While discussing the same at home, one of the family members suggested that vaccination is not necessary for girl child. Raman opposed this suggestion.

- (i) What values are promoted by Raman?**
- (ii) Name any two common vaccines and their associated disease.**
- (iii) Critically comment upon Raman's viewpoint.**

Ans. (i) Awareness, caring nature, prudence.

(ii) B.C.G. for tuberculosis and DPT for diphtheria.

(iii) According to Raman, vaccination is important for each and every child whether it is a girl or a boy. By this view it shows that he opposes gender discrimination.

9. Ruchi and Rahul are discussing on vaccination. Rahu during the discussion, submitted his fear that the inoculated vaccination can be dangerous because it contains dead germs. Ruchi explained and removed his fears.

- (i) What could be Ruchi's explanation?**
- (ii) What values do you think Ruchi possesses?**

Ans. (i) Ruchi explained that the process of vaccination includes inducing immunity by administering a vaccine to allow the immune system to prevent infection.

(ii) Ruchi possesses the acquired knowledge of vaccination she showed the helpful value and awareness also.

10. Mukesh, an engineering student, is from an affluent family and is physically active. But to support his lavish lifestyle, he starts stealing mobile phones and laptops of his classmates. He was caught and counselled by his teachers to stop such a behaviour.

(i) Do you think Mukesh is healthy or disease-free? Substantiate your answer.

(ii) What values are promoted by his teacher?

Ans. (i) Mukesh is disease free not healthy, habit of stealing makes him unfit in the society.

(ii) Instead of banishing him from the society, the teacher tries to help him out.

11. Although Ruchi had been suffering from cold and cough, yet she decided to appear for her unit test. Neeta seated next to her was not affected but Pooja seating behind contracted the infection.

(i) What prevented Neeta catching cold and cough in spite of her exposure to

(ii) Which type of disease, she was suffering from.

(iii) Name two preventive measures against above type of disease.

(iv) Express your opinion, whether Ruchi was right in her decision of coming to school.

Ans. (i) Her strong immune system.

(ii) Influenza (viral).

(iii) Isolation and hygiene.

(iv) No, Ruchi was not right as she suffered from a communicative disease.

12. Preeti was down with an attack of bronchitis. The atmosphere was full of smoke and noise as diwali was nearing when her parents explained to the ill effects of burning crackers to neighbourhood kids. They agreed not to burn crackers anymore.

(i) It is observed that when a cracker is burnt its light reaches us first and then we hear its sound. Why?

(ii) Write any three ill-effects that Preeti' parents might have explained to kids.

(iii) Do you support kid's decision of not burning crackers, which qualities do you identify in those kids.

Ans. (i) When cracker is burnt its light reaches us first and then we hear its sound as light travel faster than sound.

(ii) Ill effects of burning crackers:

(a) Causes pollution in the atmosphere.

(b) Its causes respiratory disorder

(c) Its creates noise pollution.

(iii) Yes, we support the kids decision as she positively shown her concern towards to "say no to crackers" and environment.