

HARTMANN COLLEGE, BAREILLY
HOLIDAY HOMEWORK (2016-17)
CLASS -VII
SCIENCE ASSIGNMENT

Value based questions:-

Q1. Ashampreet's mother has put sandwiches in her tiffin for her school. When Ashampreet opens the tiffin she notices a small brown patch on the bread. She immediately shows it to her teacher who advises her not to eat the bread. Based on the above information answer the following questions:-

- a) Why did Ashampreet's teacher advise her not to eat the bread?
- b) What values do you think are depicted by Ashampreet?

Q2. Ram Singh is a farmer who helps his brother Hari Singh to grow leguminous plants every year between two wheat crop seasons. Based on the above information answer the following questions:-

- a) Why do Ram Singh and Hari Singh grow leguminous plants between two wheat crop seasons?
- b) What values do you think are depicted by Ram Singh?

Problem Solving Assessment questions:

Q3. Mrs. Gupta is a 45 year old woman whose gall bladder has been recently removed by a laser operation due to tiny stones in her gall bladder. The doctor advised her not to eat butter, ghee, meat, cheese, fried food like samosas and pakoras. Based on the above information tick the correct option:-

a) Mrs. Gupta was advised not to eat the above food items because

- i) She will gain weight.
- ii) The food items contain fat.
- iii) The doctor does not like the food items.
- iv) Mrs. Gupta does not like the food items.

b) The gall bladder stores the following juice:

- i) pancreatic juice
- ii) intestinal juice
- iii) bile juice
- iv) gastric juice

c) The juice stored in the gall bladder is secreted by the following gland:

- i) liver
- ii) pancreas
- iii) salivary gland
- iv) gastric gland

Q4. Tejpal is a farmer who wants to grow a high yield wheat crop. In order to obtain a high yield crop he puts fertilisers in excess in the soil .At the end of the season he harvests the crops and obtains the wheat seeds after winnowing and threshing the harvested crops. He goes to the market and sells the wheat seeds to a shopkeeper named VedPrakash. Ved Prakash sells the grains to his customers. He continues to buy the seeds from Tejpal and sells them to the customers for a whole year. At the end of the year ten of his customers get severely ill after eating the grains and are diagnosed with the same disease. Based on above information tick the correct option:-

a) The customers suffered from the following disease :

- i) asthma
- ii) rickets
- iii) common cold
- iv) cancer

b) Besides harming the customers, the excess fertilisers also has the following harmful effect on the soil:

- i) The soil becomes very wet.
- ii) The soil becomes very dry.
- iii) The soil gets polluted.
- iv) The soil becomes sticky.

c) As an alternative to fertilisers, Tejpal could use the following substance in order to increase the fertility of the soil:

- i) urea
- ii) manure
- iii) superphosphate
- iv) ammoniumsulphate