

SGJ DAV SEN.SEC.PUBLIC SCHOOL, HARIPURA

Class -7th (Revisional Assignment)

Date-01.01.2026

Instructions:-

Dear students, we are sending you homework. You have to solve this work in your notebook in a neat and clean way. You have to submit this work after the opening of the school to your subject teacher.

Maths:-

Learning work:

Range = Highest Value - Lowest Value

Mean = Sum of all observations/Number of observations.

Written Work:

1.The weights of seven students of a class are

43,44,45,66,76,89,23

(i) What is the meaning height ?

(ii)What is the range of the weights of the students ?

2.The mean of eight observations was found to be 57.Later on ,it was discovered that one observation,i.e.48 was misread as 84.Find the correct mean.

3.Find the median of the following data: 56,64,78,98,23,45,50,45,48.

Science:-

1. The same amount of current flows through the connecting wires and the bulb filament. However, it is only the filament that glows. Why?(3)

Answer: The metal filament of an electric bulb is usually made up of tungsten wire which has very high resistance therefore it becomes red hot and start glowing. While connecting wire has low resistance thus it does not heated up.

2. The brightness of light, emitted by a bulb, is observed to decrease when an electric heater is connected in series with it. Suggest the likely reason for this observation.(3)

Answer: The brightness of light, emitted by a bulb, is observed to decrease when an electric heater is connected in series with it because voltage across the bulb decreases as compared to the previous situation.

3. Write difference between conductors and insulators. (3)

4. Draw a labelled diagram of an electric bell and explain its working. (5)

Sub: Social Science

1. Explain the relationship between advertising and democracy.

*Advertising and democracy are connected because both depend on freedom of expression.

*In a democracy, people have the right to express opinions and choices. *Advertising allows companies to express ideas about their products, while consumers have the freedom to choose whether to buy them or not.

2. How can advertising be harmful in a democracy?

*Advertising can be harmful if it spreads false information,

* harmful if promotes harmful products, encourages unnecessary consumption,

*or creates social inequality by targeting only rich consumers.

3. What role should the government play in controlling advertisements?

*The government should make laws to prevent misleading advertisements, *protect consumers, and ensure that advertisements do not harm children or society.

Q. Name any two forms of media used for advertising.

Q. Mention any three advantages of advertising.

Q. In what way does advertising influence our daily life.

English:-

Q.1 Write a letter to the editor about the problem of rising prices.

Instructions:

1. Write letter highlighting the name of particular news paper.

2. Highlight the subject clearly.