

**SGJ DAV SEN.SEC.PUBLIC SCHOOL, HARIPURA**

**Class -7th (Revisional Assignment)**

**Date-08.01.2026**

**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:-**

**Part A: Learning Work**

**Definition of Isosceles Triangle :** An isosceles triangle is a triangle that has at least two sides of equal length. Because those sides are equal, the angles opposite them are also equal.

**The main properties of an isosceles triangle:**

- a) Two sides are equal in length.
- b) Angles opposite the equal sides are equal (called base angles)
- c) The third side is called the base
- d) The angle between the two equal sides is called the vertex angle.
- e) A line drawn from the vertex angle to the base:
  - Bisects the base (cuts it into two equal parts)
  - Bisects the vertex angle
  - Is perpendicular to the base
- f) The triangle has one line of symmetry, passing through the vertex angle and the midpoint of the base.

**Part B: Written Work**

**1. In an isosceles triangle, the base angles are each  $50^\circ$ . Find the vertex angle.**

**2. The vertex angle of an isosceles triangle is  $40^\circ$ . Find each base angle.**

**3. The perimeter of an isosceles triangle is 36 cm. If each equal side is 14 cm, find the base.**

**Science**

**Learning part**

**ELECTRIC CHARGES AT REST**

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**Electric      Types of      Charging      Effects of**

Charge	Charges	Methods	Static
			Electricity
Property of matter	+ Positive - Negative	1. Rubbing 2. Conduction	
3. Induction			
Attraction & Repulsion			
Lightning, Sparking			

Doing part

Q1 Why does a plastic comb attract small pieces of paper after rubbing?

Q2 Why does a balloon stick to the wall after rubbing on hair?

Social science

Learning Points:

CH: Land and the People

1. Land includes natural features such as mountains, plains, plateaus, deserts, rivers, forests, and seas.
2. The physical features of land influence climate, vegetation, wildlife, and human activities.
3. People depend on land for agriculture, housing, transport, industries, and natural resources.
4. Different landforms support different occupations, for example farming in plains and herding in deserts.
5. Climate affects people's lifestyle, food habits, clothing, and housing.
6. Natural resources like soil, water, minerals, and forests are gifts of land.
7. People modify land by building dams, roads, cities, and farms.
8. Proper use of land is necessary for sustainable development and future generations.

## Doing Work

### Solved Question Answers (5 Marks Each)

**Q1. What is land and why is it important for people?**

**Answer:**

Land refers to the surface of the Earth that includes mountains, plains, plateaus, rivers, forests, and deserts. It is important for people because it provides space for living, farming, industries, and transport. Land also gives natural resources like soil, water, forests, and minerals. Human life and activities depend greatly on land.

**Q2. How do physical features of land affect human life?**

**Answer:**

Physical features affect climate, vegetation, and occupations of people. Plains support agriculture due to fertile soil. Mountains have cold climate and people practice tourism and animal rearing. Deserts have less population due to scarcity of water. Thus, landforms influence the lifestyle and work of people.

**Q3. Explain the relationship between land and people.**

**Answer:**

Land and people are closely connected. People depend on land for food, shelter, and resources. At the same time, people change land by farming, constructing buildings, and making roads. This relationship shows how humans use land for development while land supports human survival.

**Q4. Why should land be used carefully?**

**Answer:**

Land should be used carefully to prevent problems like soil erosion, deforestation, and pollution. Overuse of land reduces its fertility and harms the environment. Careful and planned use of land helps in conserving resources and ensures that future generations can also benefit from this.

**English:-**

**Write an e-mail to your friend informing him/ her about the extension of winter vacations.**

## Hindi

### Part -A-Learning Work

**प्रश्न 1. कठिनाई आने पर वीर और कायर व्यक्ति कैसा व्यवहार करते हैं?**

उत्तर-कठिनाई आने पर वीर व्यक्ति धैर्य नहीं खोते और न ही विचलित होते हैं। जबकि कायर व्यक्ति का दिल दहल जाता है।

प्रश्न 2. वीर व्यक्ति की चार विशेषताएं बताओ।

उत्तर-1. वीर व्यक्ति साहस के साथ आगे बढ़ते हैं।

2. वीर व्यक्ति मुश्किल रास्तों को आसान बना देते हैं।

3. वीर व्यक्ति धैर्य से काम लेते हैं।

4. वीर व्यक्ति मुश्किल आने पर कभी विचलित नहीं होते।

प्रश्न 3. किन-किन उदाहरणों के द्वारा कवि ने मनुष्य के अंदर छिपे गुणों के बारे में बताया है?

उत्तर-कवि ने मेहंदी की लाली और दिया सिलाई की बाती के उदाहरण के द्वारा मनुष्य के अंदर छिपे गुणों के बारे में बताया है।

#### **Part-B-Written work**

प्रश्न 1. अपने विद्यालय के प्रधानाचार्य की तरफ से एक सूचना तैयार कीजिए जिसमें नर्सरी कक्षा हेतु बच्चों के दाखिले की सूचना की जानकारी दी गई हो।

प्रश्न 2. आप डी ए वी पब्लिक स्कूल, हरिपुरा की सातवीं कक्षा की छात्रा हैं। आपकी पानी की बोतल स्कूल में खो गई है। अतः विद्यालय के छात्रों को इसकी सूचना देने के लिए एक सूचना तैयार करें।

#### **Punjabi**

##### **Learning work**

ਪ੍ਰਸ਼ਨ.1.' ਆਗਿਆ ਦਾ ਪਾਲਣ' ਇਕਾਂਗੀ ਤੋਂ ਤੁਹਾਨੂੰ ਕੀ ਸਿੱਖਿਆ

ਮਿਲਦੀ ਹੈ?

ਉੱਤਰ -ਇਸ ਇਕਾਂਗੀ ਤੋਂ ਸਾਨੂੰ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ ਕਿ ਮਾਤਾ ਪਿਤਾ

ਆਪਣੇ ਤਜਰਬੇ ਨਾਲ ਬੱਚਿਆਂ ਨੂੰ ਸਹੀ ਸਿੱਖਿਆ ਪ੍ਰਦਾਨ ਕਰਦੇ ਹਨ।

ਇਸ ਲਈ ਬੱਚਿਆਂ ਨੂੰ ਮਾਤਾ ਪਿਤਾ ਦੀ ਨਸੀਹਤ ਉੱਤੇ ਅਮਲ ਕਰਨਾ

ਚਾਹੀਦਾ ਹੈ।

ਪ੍ਰਸ਼ਨ.2. ਪੰਜਾਬੀਆਂ ਨੂੰ ਕਿਸ ਦੇ ਵਹਿਣ ਨੂੰ ਰੋਕਣ ਦਾ ਯਤਨ ਕਰਨਾ

ਚਾਹੀਦਾ ਹੈ?

ਉੱਤਰ -ਪੰਜਾਬੀਆਂ ਨੂੰ ਨਸ਼ਿਆਂ ਦੇ ਵਹਿਣ ਨੂੰ ਰੋਕਣ ਦਾ ਯਤਨ ਕਰਨਾ

ਚਾਹੀਦਾ ਹੈ।

ਪ੍ਰਸ਼ਨ.3. ਵਿਦੇਸ਼ ਜਾਣ ਲਈ ਕੁਝ ਲੋਕ ਕੀ ਕਰਦੇ ਹਨ?

ਉੱਤਰ -ਵਿਦੇਸ਼ ਜਾਣ ਲਈ ਕੁਝ ਲੋਕ ਆਪਣੀਆਂ ਜ਼ਮੀਨਾਂ ਵੇਚ ਦਿੰਦੇ

ਹਨ।

ਪ੍ਰਸ਼ਨ.4. 'ਰੰਗਲਾ ਪੰਜਾਬ' ਕਵਿਤਾ ਵਿੱਚ ਕਿਹੜੀ ਸਮਾਜਿਕ ਬੁਰਾਈ

ਦੀ ਗੱਲ ਕੀਤੀ ਗਈ ਹੈ?

ਉੱਤਰ -ਇਸ ਕਵਿਤਾ ਵਿੱਚ ਨਸ਼ਾ ਖੋਰੀ ਵਰਗੀ ਸਮਾਜਿਕ ਬੁਰਾਈ ਦੀ

ਗੱਲ ਕੀਤੀ ਗਈ ਹੈ।

#### **Assignment work**

ਪ੍ਰਸ਼ਨ.1 ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੀ ਵਾਕਾਂ ਵਿੱਚ ਵਰਤੋਂ ਕਰੋ -

ਜ਼ਮੀਨਾਂ, ਨਸ਼ਿਆਂ, ਰੀਝਾਂ, ਸਵਾਲ, ਰੰਗਲ