

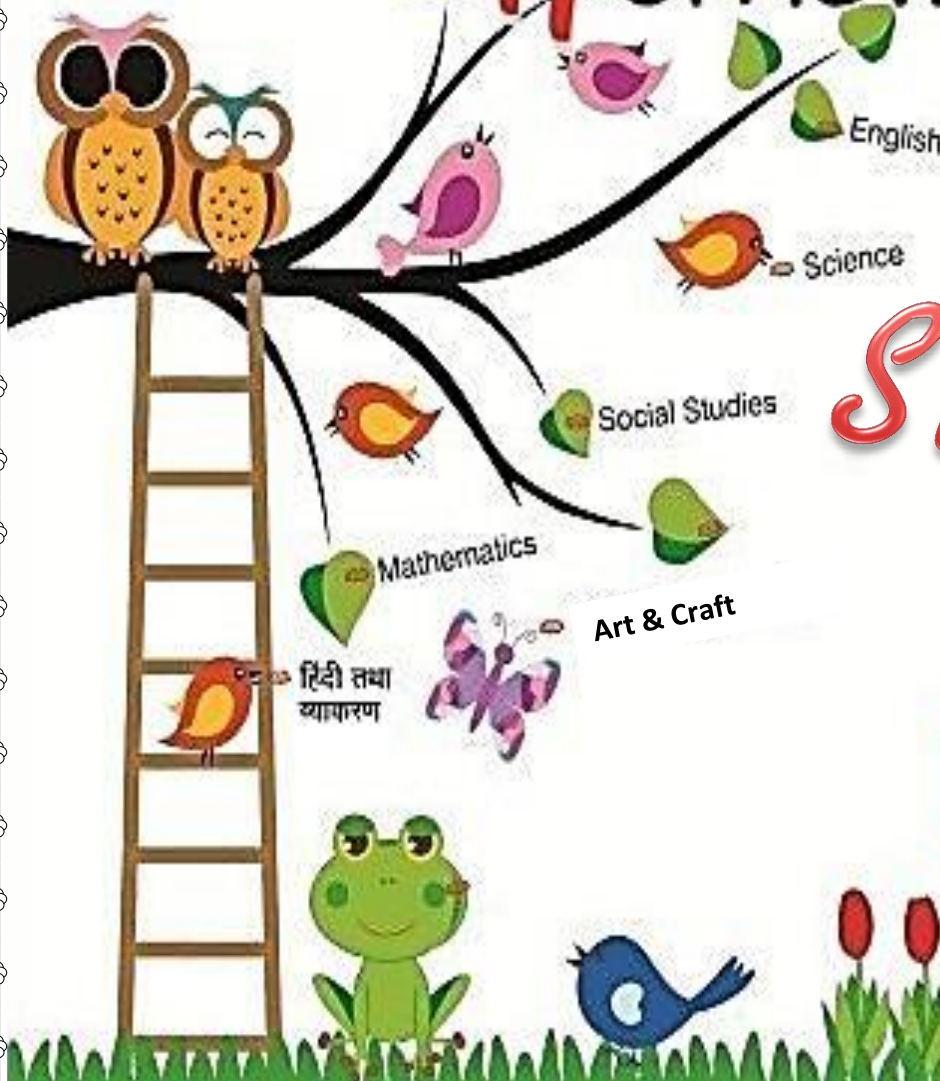


BCM School, Pakhowal Road,  
Basant City, Ludhiana

# Holidays Homework

2023

STD. VII



## **ENGLISH**

- Do reading of Ch 3 The Desert and Ch 4 The Cop and The Anthem of Supplementary Reader book. (An Alien Hand)
- Assignments of writing and Grammar must be done in loose sheets.
- Keep these assignments in decorative file/folder.
- Do your work in neat and clean handwriting.

### **Writing Assignment**

1. Write an application to the Principal of your school requesting to arrange extra classes for Mathematics.
2. Write an application to the Principal asking for arranging an educational trip to Odisha.
3. Write a descriptive Paragraph in about 80 words on the following topics-
  - My Favourite Leader

### **Grammar**

#### **I. Fill in the blanks with the simple present tense form of the verbs given in the brackets.**

1. I..... his address. (know)
2. She .....her work sincerely. (do)
3. We..... things a bit too seriously. (take)
4. They.....to God in the morning. (pray)
5. You..... much of your time in idle gossip.(waste)
6. Rita.....very interesting stories. (write)
7. These children..... us very often.(disturb)
8. Raman and Chaman..... to the market together. (go)

#### **II. Fill in the blanks with the appropriate form (Present Continuous) of the verbs given in bracket.**

1. I am..... the table. (turn)
2. Hari is ..... the juice. (suck)
3. Rani and Rajan .....under the cot (crawl)
4. The dog is..... its tail. (wag)
5. You are..... on your paper. (write)

#### **III. Complete the sentences. Use one of these verbs in the Simple past Tense:**

1. It was hot in the room, so I..... the window.(Open)
2. I ..... my teeth twice yesterday.(Clean)
3. The shop..... at 9 a.m. yesterday.(Start)
4. The match..... at 6 in the evening.(Finish)
5. I always..... to be a doctor.(Want)

#### **IV. Change the following Sentences into Past Continuous Tense.**

1. We watched the shop windows when we met Vimal.
2. I (wait) outside the theatre.
3. When Vijay arrived, Soma (study).
4. When he saw Ramesh in the library, he (return) his books.
5. When I saw them at midnight, they (try) to find a taxi.

#### **V. Fill in the blanks with appropriate forms of verbs.**

1. Rishi and his family \_\_\_\_\_ (go) to Dubai soon. (future continuous)
2. She \_\_\_\_\_ (help) you to complete the notes. (simple future)
3. The dancers \_\_\_\_\_ (perform) in the auditorium by evening. (future Continuous)
4. He \_\_\_\_\_ (meet) us at the hotel. (future continuous)
5. The mechanics \_\_\_\_\_ (work) on three machines before noon tomorrow. (Simple Future)

**VI. Rearrange the given words and phrases to form meaningful sentences. Write the correct sentences.**

1. with/polite/a person/can be/no one/angry
2. a polite man /puts/of others/first/always/the feeling
3. pure/drink/should/we/only/water
4. water/health/polluted/is/to/harmful/very
5. purify/are/ways/there/different/it/to
6. inventions/our/life/easier/made /many/have
7. time/inventions/our/effort/save/and
8. fire/wheel/are/and/some of the/inventions/man/of/greatest
9. Own/identity/inculcate/while/good/your's/retaining/qualities.
10. one's/recognizing/lead to/talent/can/an identity

**VII. Punctuate the following Sentences.**

1. Do you speak German.
2. Close the door
3. No I will not spend my money anymore.
4. Get out my car he said to me.
5. That is my brothers suit.
6. Wow that is a great news.
7. Raju bought a mobile chair and a fan.
8. You have two choices either fight or stay far from it.
9. I do not have any type of suggestions for you
10. Is this your house.

**VIII. Identity The Tense of the following Sentences.**

1. I ate my dinner alone.
2. Mother was cooking vegetables.
3. The PWD is constructing this wall.
4. Mohan reads a novel everyday.
5. Hari repairs watches.
6. Are you reading this novel?
7. I needed a break from work.
8. Mother will observe fast tomorrow.
9. Mohan will be making excuses.
10. We will receive gifts during holidays.

# **SCIENCE**

## **I. Perform activities given below and prepare model/project according to your roll number on the following topics:**

- (i) Roll No. (1 to 10) Make a working model of nutrition in Amoeba with clay/Human digestion system.
- (ii) Roll No. (11-20) Prepare a poster on conservation of forests to save earth.
- (iii) Roll No. (21-30) Collect and paste the pictures of animals living in tropical rain forests and Polar Regions. Write their adaptations on A4 size ivory sheet.
- (iv) Roll No. (31 onwards) Make a poster on save water save life/Rainwater harvesting.

## **II. (a) Draw well labelled diagram of food chain operating in a forest on A4 size sheet. (b) Draw diagram of human respiratory system. Colour it and label it.**

### **CHAPTER – 4 (HEAT)**

#### **I. Fill in the Blanks:**

- i. Temperature is measured by a device called \_\_\_\_\_.
- ii. The thermometer that measures our body temperature is called a \_\_\_\_\_.
- iii. The normal temperature of the human body is \_\_\_\_\_.
- iv. The range of laboratory thermometer is generally from \_\_\_\_\_ to \_\_\_\_\_.
- v. \_\_\_\_\_ is a toxic substance used in clinical thermometers.
- vi. In solids, generally, the heat is transferred by the process of \_\_\_\_\_.
- vii. Poor conductors are known as \_\_\_\_\_.
- viii. The various methods of transfer of heat are \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
- ix. The SI unit of temperature is \_\_\_\_\_.
- x. \_\_\_\_\_ and \_\_\_\_\_ are good conductors of heat.

#### **II. Answer the following questions:**

- i. What is the use of kink in clinical thermometer?
- ii. Why does a pan cool down when it is removed from the fire?
- iii. Can you lift a hot pan by holding it from the handle without getting hurt? Explain.
- iv. Is it possible to construct buildings that are not affected much by heat and cold outside?
- v. How does the heat travel in air?
- vi. Why are you advised to use an umbrella when you go out in the sun?
- vii. Why do we prefer light coloured clothes in summer and dark coloured clothes in winter?
- viii. Write three points of differences between clinical thermometer and laboratory thermometer.
- ix. What is sea breeze and land breeze?
- x. How water gets heated when kept on flame?

### **CHAPTER – 17 (FORESTS- OUR LIFELINE)**

#### **I Fill in the blanks:**

1. Plants release \_\_\_\_\_ during the process of photosynthesis.
2. Forest floor provide favourable conditions for seeds to \_\_\_\_\_ and develop into seedlings.
3. A forest is a purifier of \_\_\_\_\_ and \_\_\_\_\_.
4. \_\_\_\_\_ convert the dead plants and animals to humus.
5. In a forest \_\_\_\_\_ forms the uppermost layer followed by shrubs.
6. Different layers of vegetation provide \_\_\_\_\_ and \_\_\_\_\_ for animals.
7. The lowest layer of the forest is made by \_\_\_\_\_.
8. Branchy part of tree above the stem is known as \_\_\_\_\_.
9. Forests protect \_\_\_\_\_ from erosion
10. Large scale planting of tree saplings is called \_\_\_\_\_.

#### **II Answer the following questions:**

1. Name five trees found in forests.
2. Write four products obtained from forests.
3. What do you mean by 'canopy' and 'understorey'?
4. Why are variations found among the trees and plants found in different forests?
5. What do you mean by saprotrophs? Give two examples.
6. What do you mean by food chain? Discuss interdependence of different animals of forests with the help of food chain.
7. What is meant by humus? What is the importance of humus to soil?
8. Why forests are called green lungs?
9. How do animals help the plants in forests to grow and regenerate?
10. How do forests help in controlling floods?



# **SOCIAL SCIENCE**

## **Assignment** **Ch 4 (Geography) Air**

### **MCQs**

1. The most plentiful gas in the atmosphere is  
(a) Nitrogen (b) Oxygen (c) Carbon dioxide (d) Argon
2. This layer helps in radio transmission  
(a) Troposphere (b) Stratosphere (c) Thermosphere (d) Mesosphere
3. These winds blow constantly throughout the year in particular direction  
(a) Permanent (b) Local (c) Seasonal (d) Both (a) and (b)
4. Which of the following layers of the atmosphere is ideal for flying aeroplanes?  
(a) Troposphere (b) Mesosphere (c) Stratosphere (d) Exosphere
5. This layer has very thin air  
(a) Exosphere (b) Stratosphere (c) Thermosphere (d) Mesosphere
6. Jet planes flying in the sky leave a \_\_\_\_\_ trail behind them.  
(a) Black (b) Blue (c) White (d) Grey
7. What is the average height of troposphere?  
(a) 3 km (b) 6 km (c) 9 km (d) 13 km
8. Which one of the following is a local wind?  
(a) Sea breeze (b) Trade wind (c) Monsoon wind (d) None of these
9. \_\_\_\_\_ is hour-to-hour, day to day condition of the atmosphere.  
(a) Wind (b) Weather (c) Season (d) Climate
10. Green house gas is  
(a) Nitrogen (b) Oxygen (c) Ethane (d) Carbon dioxide

### **Give your answer in one word/one sentence**

1. What happens when air cools down?
2. Define temperature.
3. Name the instrument used to measure temperature.
4. What is the standard unit of measuring temperature?

### **Fill in the blanks**

1. Plants need \_\_\_\_\_ for their survival.
2. Ionosphere is the part of \_\_\_\_\_.
3. Meteorites burn up in \_\_\_\_\_ on entering from the space.
4. \_\_\_\_\_ pressure is associated with cloudy skies and wet weather and \_\_\_\_\_ pressure is associated with clear and sunny skies.
5. Amount of rainfall is measured by \_\_\_\_\_.

### **Write 'T' for true and 'F' for false statement**

1. Our atmosphere is divided into five layers.
2. Climate can change from day to day.
3. Our Earth receives only 2 in 2,000,000,000 parts of the sun's energy.
4. Cold air is denser and heavy than hot air.
5. Without Green house effect the earth would have been too cold to live.
6. Ionosphere contains the ozone layer.

### **Short Answer Type Questions**

1. Briefly explain the composition of the atmosphere.
2. Why jet planes flying in the sky leave a white trail behind them?
3. How carbon dioxide balance gets disturbed on the Earth?
4. How is rainfall important for us? What happens when there is excess rain?
5. Name the different layers of the atmosphere. Explain any one.

## Ch5 (Geography) Water

### 1. MCQs

1. Which is the process through which water continuously changes its form?  
(a) Water cycle (b) Food cycle (c) Rain (d) All of these
2. Which water is salty?  
(a) River water (b) Pond water (c) Rain water (d) Sea water
3. Which one of the following is an artificial enclosure for keeping small house plants?  
(a) Terrarium (b) Thermosphere (c) Climate (d) Evaporation
4. Sea water contains  
(a) 97.3% of salt (b) 2% of salt (c) 0.68% of salt (d) 0.973% of salt
5. Which day is observed as World Water Day?  
(a) 26 January (b) 15 January (c) 15 August (d) 22 March
6. The movements that occur in oceans can be broadly called  
(a) wave (b) circulation (c) water cycle (d) all of these
7. Which is the Japanese word which means 'Harbour Waves'?  
(a) Tsunami (b) Sea wave (c) Ocean wave (d) None of these
8. When did Tsunami strike the Indian Ocean?  
(a) 26 Dec, 2004 (b) 26 Dec, 2005 (c) 26 Dec, 2006 (d) 26 Dec, 2007
9. The Labrador and Gulf Stream are the examples of:  
(a) Tides (b) Ocean currents (c) Tsunami (d) Waves
10. The rhythmic rise and fall of ocean water twice in a day is known as  
(a) tide (b) wave (c) ocean current (d) none of these

### 2. Give your answer in one word

- Q.1 What is terrarium?  
Q.2 Which type of water do the ocean bodies and the seas contain?  
Q.3 What do you mean by salinity?  
Q.4 What is the average salinity of the oceans?  
Q.5 What is the salinity of Dead sea?  
Q.6 Why do swimmers float in Dead Sea?

### 3. Fill in the blanks

- i Generally the warm ocean currents originate near \_\_\_\_\_.  
ii The ocean bodies and the seas contain \_\_\_\_\_ water.  
iii The average salinity of the oceans is \_\_\_\_\_ parts per thousand.  
iv \_\_\_\_\_ are formed when winds scrape across the ocean surface.

### 4. True/false

- (i) When air is heated, it expands, becomes lighter and goes up.  
(ii) Three-fourth of the earth surface is covered by water.  
(iii) The low tides also help in fishing.  
(iv) High tides help in navigation.

### 5. Short question/answers

1. Define salinity
2. Why is water important to us?
3. Suggest any three ways to conserve water.
4. What are sea waves?
5. Differentiate between Spring tides and Neap tides.
6. Describe the importance of tides to man. (Any three)

**Activity:** Paste pictures and write a few lines on difference between farming of both the states Punjab and Odisha on A4 sheet.

## HINDI

### Assignment:

1. समास की परिभाषा व उसके भेदों के दर्शाते हुए चार्ट तैयार कीजिए ।
2. निम्न शब्दों को शुद्ध करके लिखिए  
(क) करिपआण-..... (ख) मर्दआनी-..... (ग) परयास-.....  
(घ) लक्शीबाई..... (ड) सन्सआर.....।
3. संज्ञा के स्थान पर प्रयोग किए जाने वाले शब्द सर्वनाम कहलाते हैं जैसे वह, तुम, मैं, तुम्हारी, आपकी, उसकी, मुझे, उनकी आदि।  
(क) इस कोशिश में ..... एक टांग भी घायल हो गई।  
(ख) यहां से बैठे-बैठे..... बाहर का जायजा भी ले सकता है।  
(ग) ..... टांग टूटी पड़ी है और कहते हैं कि सब सुख-चैन है ।  
(घ) अलादीन..... मां और पत्नी के साथ रहता था ।
4. संवाद लेखन \* पिता और पुत्र के बीच संवाद लिखिए।  
\* डॉक्टर और मरीज के बीच का संवाद लिखिए।  
\* पार्क में सैर करते दो वृद्धों का संवाद लिखिए।
5. ग्रीष्म अवकाश आपने कहां और कैसे बिताया (अपने अनुभव को डायरी में लिखिए) ।
6. निम्नलिखित शब्दों के अर्थ लिखिए  
1. विचित्र 2. माधव 3. मधुर 4. उपयुक्त 5. निकट 6. झुंड 7. पुलकित  
8. मेला 9. भोला 10. उस्ताद 11. साफा 12. मृदुल 13. स्मरण 14. हर्ष  
15. भाव 16. समृद्धि 17. शेर 18. चेष्टा 19. चर्चा 20. कोलाहल
7. पाठ – ' मिठाईवाला ' को ध्यानपूर्वक पढ़कर पूछे गए प्रश्नों का उत्तर दीजिए ।  
प्रश्न 1 अधूरे वाक्य को कौन गाता है?  
प्रश्न 2 खिलौनेवाला किस ढंग से गाता है?  
प्रश्न 3 रोने वाले का गीत सुनकर निकट के मकानों में क्या मच जाती है?  
प्रश्न 4 खिलौने वाला बच्चों के झुंड के पास बैठकर किसकी पेटी खोल देता है?  
प्रश्न 5 विजय बाबू कौन थे ?  
प्रश्न 6 विजय बाबू किस कारण मुस्कुरा रहे थे?  
प्रश्न 7 मिठाई वाले की मिठाई का भाव कितने पैसे था ?  
प्रश्न 8 रोहिणी को किस की आवाज सुनाई पड़ी ?  
प्रश्न 9 मिठाईवाला नगर का कैसा आदमी था ?
8. 'ओडिशा' राज्य पर एक अनुच्छेद लिखिए ।

## PUNJABI

1. ਵਾਤਾਵਰਨ ਨੂੰ ਸੁੱਧ ਰੱਖਣ ਲਈ ਤੁਸੀਂ ਕਿਹੜੇ ਤਰੀਕੇ ਅਪਣਾ ਸਕਦੇ ਹੋ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ ।
2. ਪੰਜਾਬ ਅਤੇ ਉੜੀਸਾ ਵਿੱਚ ਮਨਾਏ ਜਾਣ ਵਾਲੇ ਤਿਉਹਾਰਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਚਿੱਪਕਾਓ ।
3. ਪਾਠ ' ਅਣਖੀਲਾ ਯੋਧਾ ' ਨੂੰ ਪੜ੍ਹੋ ਤੇ ਇਸ ਪਾਠ ਤੋਂ ਤੁਹਾਨੂੰ ਕੀ ਸਿੱਖਿਆ ਮਿਲਦੀ ਹੈ ਇਸ ਬਾਰੇ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ ।
4. Assignment ਹੱਲ ਕਰੋ ।

### Assignment:

ਪ੍ਰ 1. ਵਿਰੋਧੀ ਸ਼ਬਦ ਲਿਖੋ :

- |            |            |         |           |
|------------|------------|---------|-----------|
| (1) ਅਜ਼ਾਦੀ | (2) ਸੁਰਬੀਰ | (3) ਜੰਗ | (4) ਜਾਗਣਾ |
| (5) ਮਿੱਠੀ  | (6) ਪੁਰਾਣੇ | (7) ਦੂਰ | (8) ਖੁਸ਼ੀ |

ਪ੍ਰ 2. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਦੇ ਲਿੰਗ ਬਦਲੋ :

- |             |          |            |              |
|-------------|----------|------------|--------------|
| (1) ਚੱਕੀਦਾਰ | (2) ਔਰਤ  | (3) ਪੁੱਤਰ  | (4) ਲਿਖਾਰੀ   |
| (5) ਭੈਣ     | (6) ਦਾਦੀ | (7) ਅਧਿਆਪਕ | (8) ਵਿਦਿਆਰਥੀ |

ਪ੍ਰ 3. ਸਮਾਨਾਰਥਕ ਸ਼ਬਦ ਲਿਖੋ ।

- |           |            |             |          |
|-----------|------------|-------------|----------|
| (1) ਇੱਛਾ  | (2) ਸਤਿਕਾਰ | (3) ਸੱਭਿਅਤਾ | (4) ਸਰੀਰ |
| (5) ਸੰਜੋਗ | (6) ਸਾਫ    | (7) ਸੁਰਬੀਰ  | (8) ਸਬਰ  |

ਪ੍ਰ 4. ਹੇਠ ਲਿਖੇ ਸ਼ਬਦਾਂ ਨੂੰ ਸੁੱਧ ਕਰਕੇ ਲਿਖੋ ।

- |           |             |             |            |
|-----------|-------------|-------------|------------|
| (1) ਪਰਤੀਕ | (2) ਮੁਹਾਰਿਤ | (3) ਸਤੀਕਾਰ  | (4) ਇਗਲੈਂਡ |
| (5) ਪੜਾਈ  | (6) ਸਫਾਇ    | (7) ਘਬਰਾਉਣਾ | (8) ਵਿਦਿਆ  |

ਪ੍ਰ 5. ਹੇਠ ਲਿਖੇ ਮੁਹਾਵਰਿਆਂ ਦੇ ਅਰਥ ਦੱਸ ਕੇ ਵਾਕ ਬਣਾਓ ।

- (1) ਖਿਚੜੀ ਪਕਾਉਣੀ
- (2) ਕੰਨੀ ਕਤਰਾਉਣਾ
- (3) ਖਾਰ ਖਾਣੀ
- (4) ਕੰਨਾਂ ਤੇ ਜੁੰ ਨਾ ਸਰਕਣੀ

## MATHEMATICS

**Note: Solve all the Examples and Try these of Ch - 1, 2 & 12 in a separate notebook.  
Prepare the Model according to Roll Number.**

1. Make a working model of Multiplication of Integers. (Roll No. 1-7)
2. Make a working model of Place Value System ( Roll No. 8- 14)
3. Make a model of showing types of Triangles. (Roll No. 15- 21)
4. Make a model of Fraction Wheel using coloured paper. (Roll No. 22 - 28)
5. Make a Wind Chime using concept of Symmetry. ( Roll No. 29- 35)
6. Make a working model of Rotational Symmetry. (Roll No. 36 onwards)

## ART & CRAFT

**Topic: - Poster on Punjab or Odisha dance form.**

**Material Required / General Instructions:-**

1. A3 sheet, poster colours, Crayon, Sketches Brushes, oil pastel etc.
2. Make a poster on Punjab or Odisha dance form.
3. Work should be neat and clean.
4. Create your own creativity.