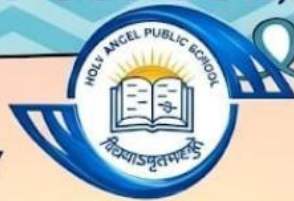


HOLY ANGEL PUBLIC SCHOOL, ALMORA, KHATYARI



SESSION: 2026-2027

# HOLIDAY HOMEWORK

## CLASS : VII

SUBJECTS & ASSIGNMENTS



ENGLISH

HINDI

MATHS

SOCIAL SCIENCE

SCIENCE

SANSKRIT



blue

pink

brown

orange

green

gray

yellow

white

purple

black

red

light blue

Summer Holidays Home Work

Class -7

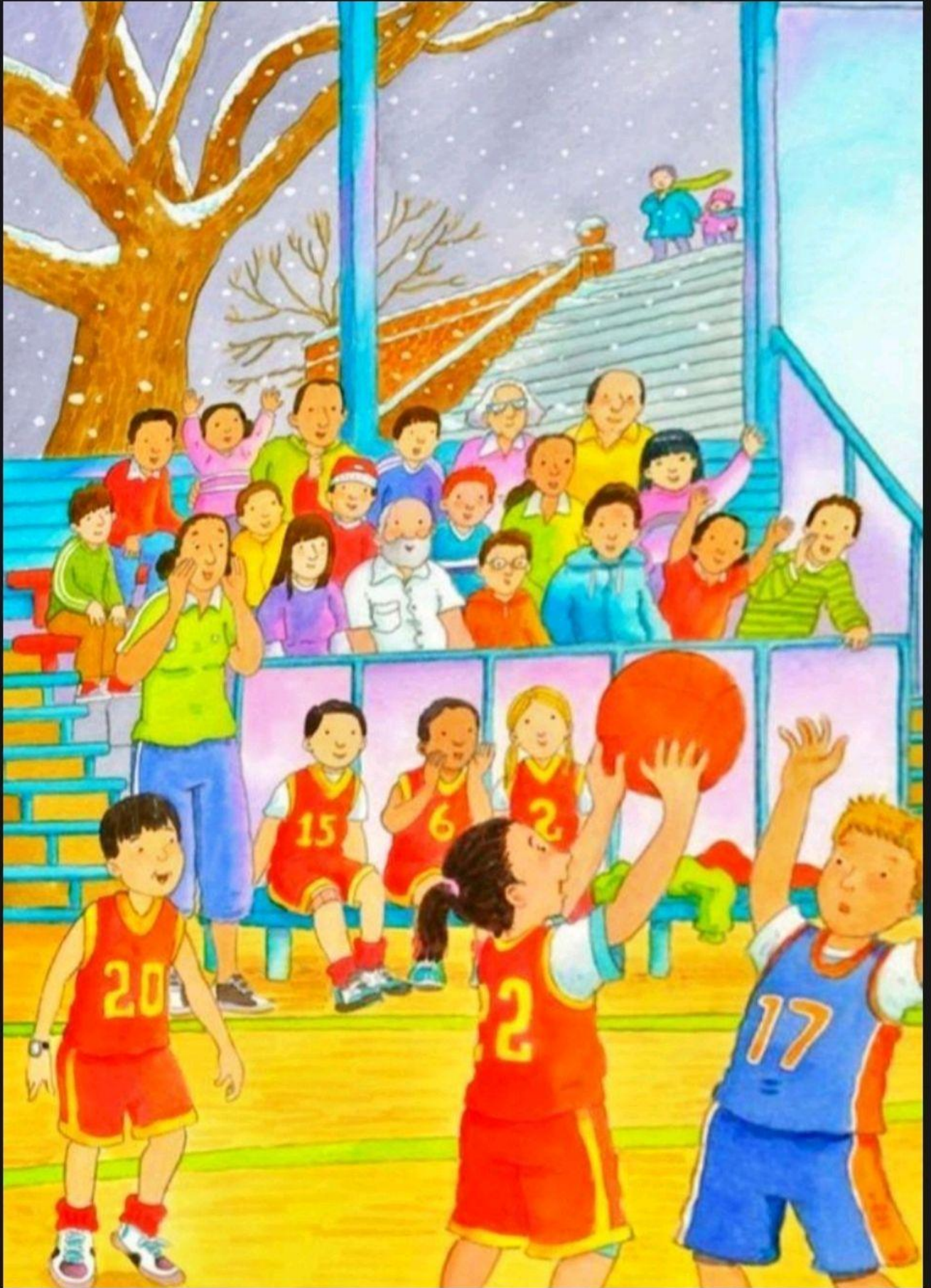
Subject -English

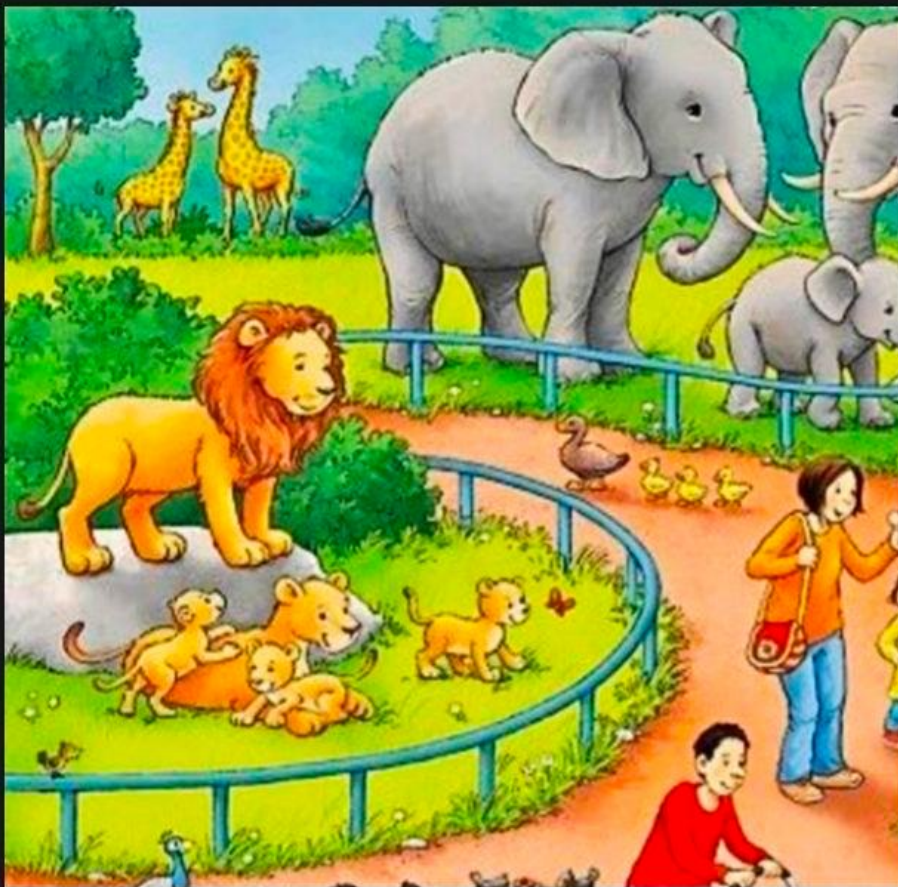
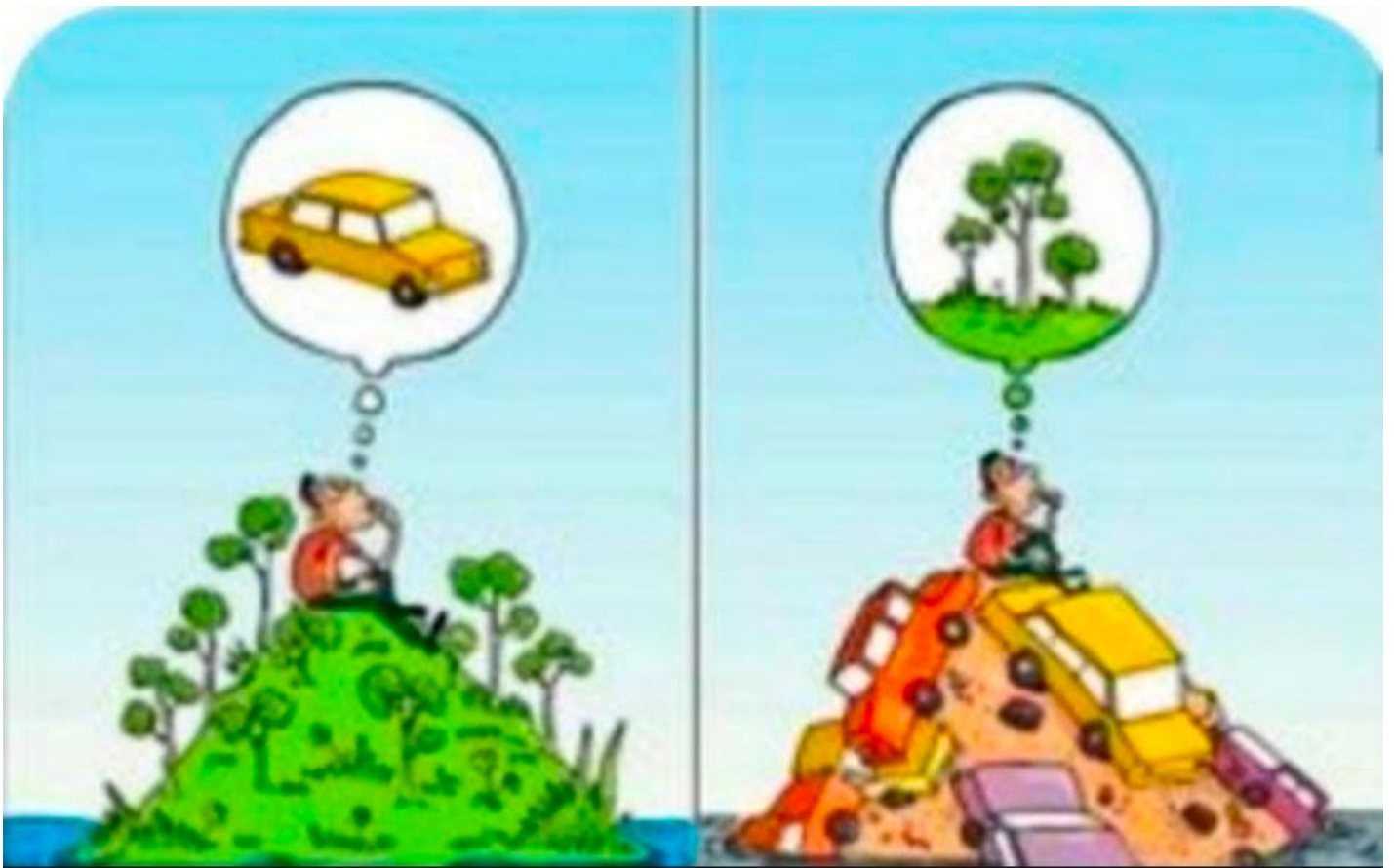
With the help of the given outlines, develop readable stories:

1. The flowers in the garden ..... feel thirsty during a dry spell ..... convene under the old oak tree ..... one bold tulip proposes collecting morning dew ..... all nod in agreement ..... who will wake up early to collect the dew? ..... no flower volunteers ..... the sun rises ..... all wilt slightly under the heat.
2. A young fox in the forest ..... finds a shiny coin ..... holds a gathering of forest animals ..... suggests using the coin to buy food for winter ..... all agree ..... who will go to the town? ..... no animal steps forward ..... a hunter's footsteps are heard ..... all scatter into the woods.
3. School children at the playground ..... spot a lost puppy ..... quickly come together ..... one child suggests making 'Lost Puppy' posters ..... everyone thinks it's a good idea ..... who will take the puppy home until it's claimed? ..... silence falls among the group ..... the bell rings ..... they all head back to class.
4. A shepherd boy ..... looked after a flock of sheep cried wolf? For fun ..... neighbours gathered in a large number no ..... wolf the boy laughed at them ..... one day wolf really came ..... the boy cried for help ..... Neighbours did not believe him ..... the wolf killed the boy and his sheep. Moral
5. A terrible famine broke out ..... Rich men started, relief camps for food ..... long queues in front of the camps ..... quite often the queues broken ..... a little girl stood there patiently ..... handsomely rewarded

Picture writing

Look at the given picture and write composition on the basis of picture:





Note - Do all the homework in English Grammar Notebook.

होली एंजिल पब्लिक स्कूल, अल्मोड़ा।

ग्रीष्मकालीन गृह-कार्य

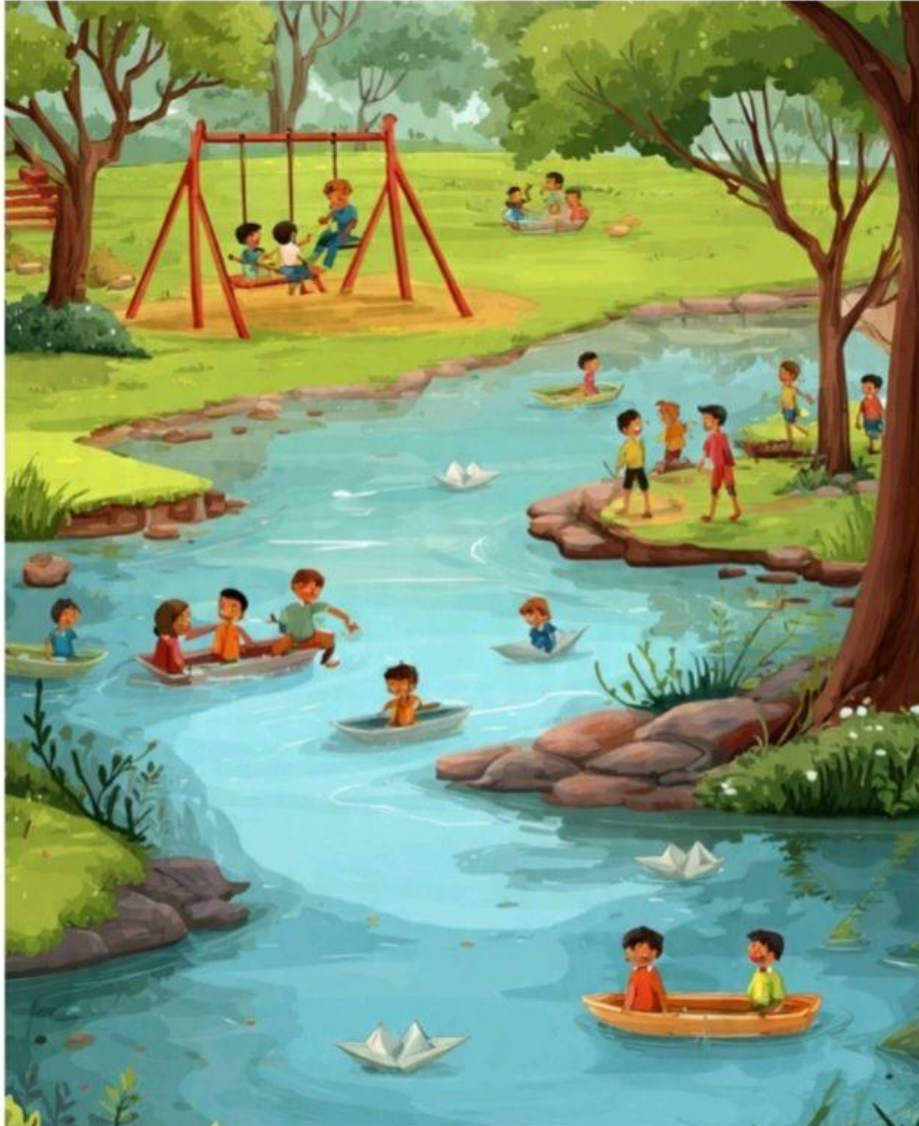
कक्षा -सात विषय - हिंदी

**निर्देश :-** 1) सभी प्रश्नों के उत्तर याद करके सुंदर लेख में लिखें। 2) दिए गए प्रश्नों के उत्तर के लिए एक अलग नोटबुक (Separate notebook) का प्रयोग करें। 3) इस गृह-कार्य के लिए दस अंक ( 10 marks) निर्धारित हैं व जमा करने की अंतिम तिथि 06/07/26 है।

**प्रश्न 1** - पाठ 4 व 5 के शब्दार्थ याद करके लिखिए।

**प्रश्न 2**- अखबार या मैगज़ीन की सहायता से कोई 10 चित्र काटो व चार्ट में चिपकाकर उनके सम्मुख उनके चार-चार पर्यायवाची शब्द लिखो।

**प्रश्न 3**- दिए गए चित्र का वर्णन दस (10) पंक्तियों में करें।



**प्रश्न 4-** ग्रीष्मकालीन अवकाश का अनुभव अपने शब्दों में एक पृष्ठ में लिखिए।

**प्रश्न 5-** प्रधानाचार्य को चरित्र प्रमाण-पत्र के लिए प्रार्थना पत्र याद करके लिखिए।

# Holy Angel Public School, Almora

## SUMMER VACATION HOLIDAY HOMEWORK (SESSION: 2026-27)

Class: 7th-B

Subject: Mathematics

Maximum Marks: 30

### GENERAL INSTRUCTIONS:

1. Solve all the questions neatly in your mathematics homework notebook.
2. Show all step-by-step calculations, formulas, and diagrams wherever necessary.
3. Attempt all sections; questions cover Arithmetic, Algebra, and Mensuration.

### SECTION A: MULTIPLE CHOICE QUESTIONS (MCQS)

[3 MARKS]

Directions: Read the following questions carefully and select the correct option from the choices given below.

**Question 1 (Arithmetic):** What is the correct value of the expression:  $50 - 4 \times (6 + 2)$ ? (1 Mark)

- (a) 368                       (b) 18                       (c) 42                       (d) 38

**Question 2 (Algebra):** If the value of variable  $x = -2$ , then what will be the value of the algebraic expression:  $3x^2 - 5$ ? (1 Mark)

- (a) -17                       (b) 7                       (c) -11                       (d) 1

**Question 3 (Mensuration):** A rectangle has a length of 8 cm and a breadth of 5 cm. What will be its total perimeter? (1 Mark)

- (a) 13 cm                       (b) 26 cm                       (c) 40 cm                       (d) 80 cm

### SECTION B: FILL IN THE BLANKS

[3 MARKS]

**Question 4:** In the expression  $7xy - 5x$ , the numerical coefficient of the term  $7xy$  is \_\_\_\_\_. (1 Mark)

**Question 5:** According to the BODMAS rule of arithmetic, \_\_\_\_\_ is solved first in any given expression. (1 Mark)

**Question 6:** The perimeter of a rectangle is given by the formula:  $2 \times (\text{Length} + \text{_____})$ . (1 Mark)

### SECTION C: ONE-WORD / ONE-LINE ANSWERS

[3 MARKS]

**Question 7:** What do we call an algebraic expression that contains exactly two unlike terms? (1 Mark)

**Question 8:** Evaluate the arithmetic expression:  $12.5 \times 4 - 3.2$  (1 Mark)

**Question 9:** If the perimeter of a square is  $40 \text{ cm}$ , what will be the length of its side? (1 Mark)

**SECTION D: ASSERTION AND REASON QUESTIONS**

**[2 MARKS]**

*Directions: In the following question, a statement of Assertion (A) is followed by a statement of Reason (R). Choose the correct option from the following:*

- (a) Both Assertion (A) and Reason (R) are true and Reason (R) is the correct explanation of Assertion (A).
- (b) Both Assertion (A) and Reason (R) are true but Reason (R) is not the correct explanation of Assertion (A).
- (c) Assertion (A) is true but Reason (R) is false.
- (d) Assertion (A) is false but Reason (R) is true.

**Question 10:** (2 Marks)

**Assertion (A):** The terms  $4x^2y$  and  $-7yx^2$  are like terms.

**Reason (R):** Like terms have the same algebraic variables raised to the same powers.

**SECTION E: CASE-BASED QUESTIONS**

**[4 MARKS]**

**Question 11: The School Playground**

Holy Angel Public School has a rectangular playground with a length of  $30 \text{ m}$  and a breadth of  $20 \text{ m}$ . Based on this information, answer the following questions:

1. What is the total length of fencing required to cover the outer boundary? (2 Marks)
2. What is the total area available for planting grass? (2 Marks)

**SECTION F: PROBLEM SOLVING QUESTIONS**

**[12 MARKS]**

**Question 12 (Algebra):** Simplify the expression by combining the like terms: (3 Marks)

$$z^2 + 13z^2 - 5z + 7z^3 - 15z$$

**Question 13 (Algebra):** Subtract  $(2a^2 - 3b + 5)$  from  $(5a^2 + 4b - 2)$  and simplify the result. (3 Marks)

**Question 14 (Algebra):** Find the value of the expression  $2x^3 - 3x^2 + 4x - 10$  when  $x = 2$ . (3 Marks)

**Question 15 (Mensuration):** The area of a rectangular sheet is  $440 \text{ cm}^2$ . If its length is  $22 \text{ cm}$ , find its breadth and its total perimeter. (3 Marks)

**SECTION G: ACTIVITY-BASED QUESTION**

**[3 MARKS]**

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**Question 16: "Rooftop Water Harvesting Plan"**

1. Measure or assume the length and breadth of your house's flat roof in meters. Calculate the total area of your roof ( $Area = Length \times Breadth$ ). (2 Marks)
2. Write a brief 2-line paragraph on why collecting roof water is important. (1 Mark)

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*"Mathematics is not about numbers, equations, computations, or algorithms: it is about understanding."*  
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**Prepared By:**

**Mrs. Asha Tiwari**

Class Teacher (7th-B)

Contact No: +91 9719024576

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**Teacher's Signature**



# HOLIDAY HOMEWORK



HOLY ANGEL PUBLIC SCHOOL  
CLASS : 7 SUBJECT : SOCIAL SCIENCE

## INSTRUCTIONS

- \* Use headings and underline important points.
- \* Write in your own words and be creative.
- \* Revise all topics and prepare well.
- \* Take help from your parents if needed.

1. Make a chart showing Kharif, Rabi and Zaid crops.



2. Draw the map of India. Label neighbouring countries and their capitals.



3. Choose any neighbouring country. Write about its flag, capital, language, food and famous places.



4. Make a project on any ruler (Harshavardhana, Rajaraja Chola, Pulakeshin II etc.). Include achievements and a picture.



5. Make 10 MCQs from the chapters 3 and 4.



6. Learn Lesson 3 and 4.



Note : Do Question 1 in chart and Question 2 to 6 in a separate notebook.

ENJOY YOUR HOLIDAYS! ♥



**HOLY ANGEL PUBLIC SCHOOL**  
**SUMMER HOLIDAY HOME WORK**  
**CLASS 7**

Learning is the beginning of wealth.

Learning is the beginning of health.

Learning is the beginning of spirituality.

Searching and learning is where the miracle process all begins.

**INSTRUCTIONS:**

- a) Holidays homework is a part of subject enrichment and will be assessed on the basis of creativity and efforts of the students.
  - b) The marks of holiday homework will be included in your Term-1 exam. Kindly deposit the holiday homework on 3rd July 2026 later it will not be accepted by me.
  - c) Make a separate notebook for summer holiday homework which could also be used for winter holiday homework.
1. Visit an electrical items shop. With the help of the shopkeeper, identify the various types of cells available. For each cell, also find out which device(s) it is used for. Prepare a report.
  2. a) On a map of India, mark the states where iron, gold, aluminium and other metals are found.  
b) Explore the metals and non-metals found in smartphones and find out how they help the phone work properly.
  3. We hear a lot of news about landslides and breaking of rocks in hilly regions these days, causing a lot of damage to life and property. Write a summary about the steps we can take to reduce landslides and rock erosion.
  4. a) Write at least five examples of everyday food items or things used under the category of acid, base and neutral.  
b) Find about at least 5 different natural and synthetic indicators apart from those mentioned in the notebook and write about its colour change in acid, base and neutral.
  5. Below are the photos of apparatus used in science laboratory. Write their names and remember the uses it would be discussed in classroom.

**Science Teacher: Chandrima Joshi (8390096334)**

The commonly used apparatus in science laboratory are glasswares, measuring instruments and other apparatus.

### Glasswares

- (i) **Test tube.** It is a cylindrical glass tube whose one end is open and other end is rounded. There are different types of test tubes made up of different types of glasses. Test tubes made from expansion-resistant glasses such as pyrex can be placed directly over a Bunsen burner flame. Such test tubes are called boiling test tubes or hard glass tubes. They are used for carrying out reactions.
- (ii) **Beaker.** It is an open glass container. It is cylindrical in shape with a flat bottom and a lip for pouring. It is used for stirring, mixing and heating liquids.
- (iii) **Round-bottomed flask.** It is a glass container with spherical bottom and a narrow cylindrical neck. It is generally used for heating liquids. It allows more uniform heating and/or boiling liquids.



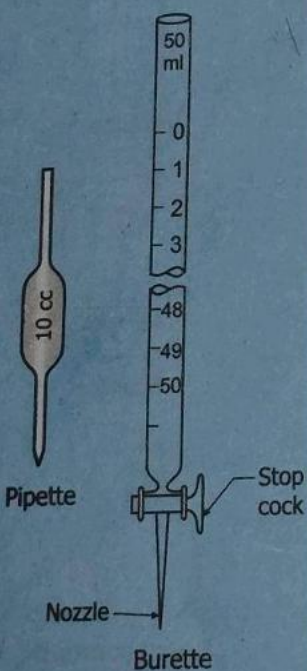
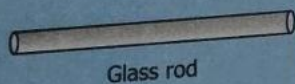
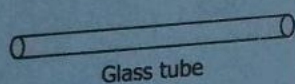
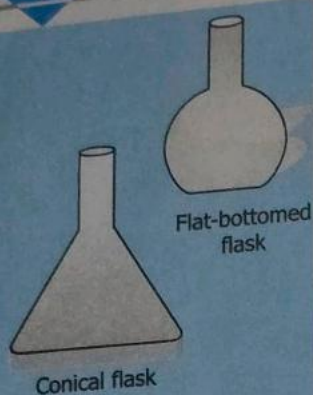
Test tube



Beaker



Round-bottomed flask



(iv) **Flat-bottomed flask.** It is similar to round-bottomed flask but has a flat bottom that allows it to stand on a levelled surface.

It is used for storing and mixing solution. It is also used for carrying out reactions at room temperature. It should not be used for heating purpose.

(v) **Conical flask.** It has a flat base, conical body and a cylindrical neck. It is usually marked on the side (graduated) to indicate the approximate volume of contents. It is used to heat liquids and for carrying out reactions in volumetric analysis.

(vi) **Glass tube.** It is a hollow cylindrical tube of glass and is open at both the ends. It can be bent by heating to make it a delivery tube.

(vii) **Glass rod.** It is a solid, cylindrical glass tube. It is used for stirring liquids in flasks and beakers.

(viii) **Funnel.** It has a conical-shaped mouth and a long tapering neck. It is used to pour liquids in small containers like bottles. It is also used for filtration.

(ix) **Thistle funnel.** It is a specially designed funnel with a long hollow tube. It is used for transferring liquid reactant in to a sealed reaction vessel.

(x) **Watch glass.** It is circular, slightly concave in shape. It is used to evaporate a liquid, to hold solids while being weighed or as a cover for a beaker.

(xi) **Gas jar.** It is a glass container with a broad base and broad opening. It is used for collecting gas from experiments.

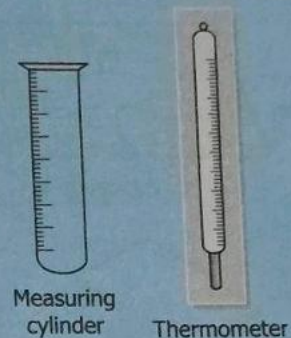
### Measuring Instruments

(i) **Pipette.** It is a long narrow tube and is marked on sides (graduated) with a nozzle at one end and a bulb in the middle. It is used to measure a volume of liquid and transfer it to other apparatus.

(ii) **Burette.** It is a long cylindrical tube. It has fine graduations on sides and stop cock at its bottom end. It is used for measuring and dispensing known amounts of liquids. It is widely used in volumetric analysis.

(iii) **Measuring cylinder.** It is a cylindrical glass vessel. It has a flat bottom and a lip for pouring at the top. It is used for measuring a fixed volume of liquids.

(iv) **Thermometer.** It is a device used to measure temperature. It is a narrow cylindrical tube. It is closed at the top and has a bulb containing mercury at the bottom. It is graduated on sides.



### Magnifying Instruments

(i) **Hand lens (Magnifying glass).** It is a simple double convex lens mounted in a metallic or plastic frame with a handle. It can magnify objects 4 to 6 times of their original size. It is used to observe small-sized, fine objects such as small insects, florets and flower parts.

(ii) **Microscope.** It is a device that uses light source to illuminate the object and magnify the material by making use of two lenses at the same time.



### Other Apparatus

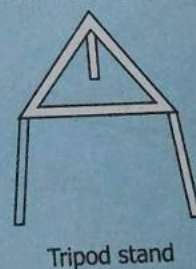
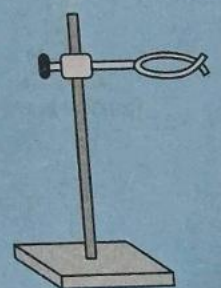
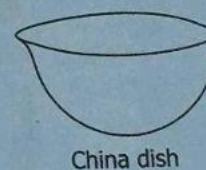
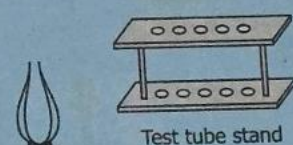
(i) **Test tube stand or rack.** It is made up of plastic or wood. It has bars and holes to keep the tubes in inverted or upright position respectively.

(ii) **Test tube holder.** It is a metallic rod with plastic or wooden handle at one end and a clamp at the other end. It is used to hold a test tube while heating a substance or when strong chemicals like acids or alkalis are poured in to other apparatus.

(iii) **China dish.** It is a small vessel made of porcelain. It is used to evaporate liquids by heating.

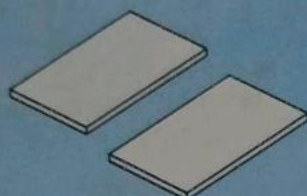
(iv) **Iron stand.** It has a long iron rod fixed on a flat base. Clamps can be attached on iron rod. It is used for holding apparatus such as round-bottomed flask or test tubes in a specific position.

(v) **Tripod stand.** It has three legs and a triangular base in the middle. It is made up of iron. It is used for supporting apparatus, while heating on Bunsen burner or spirit lamp.

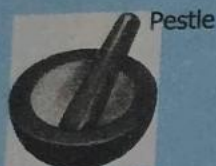




Wire gauge



Glass slides



Mortar



Spirit clamp



Bunsen burner



Spatula



Dropper

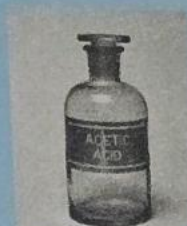
- (vi) **Asbestos wire gauge.** It is an iron wire mesh with thin asbestos in the middle. It is used during heating purposes. It is kept above the flame of the burner to avoid direct contact with the glass apparatus. It provides uniform heating and thus, prevents the glass from breaking.
- (vii) **Slide.** It is a small rectangular piece of glass. It is used to keep small objects and observe them under the microscope.
- (viii) **Pestle and mortar.** A pestle is a heavy bat-shaped stick whose end is used for pounding and grinding and mortar is a bowl. They are made of porcelains, stoneware, marble or wood. They are used to crush, grind and mix solid substances.
- (ix) **Spirit clamp.** It is a device used for heating purposes. It burns alcohol or other liquid fuel to produce heat.
- (x) **Bunsen burner.** It is a device used for heating purposes. It consists of a mixing tube, in which gas and air are mixed. The gas comes from the nozzle and air comes from the air holes.
- (xi) **Spatula.** It is like a spoon. It is used to take small quantities of solid chemicals.
- (xii) **Dropper.** It is a long glass or plastic tube with a vacuum bulb at one end for draining liquid in and releasing a drop, at a time.

(xiii) **Analytical balance.** It is a device that is used to measure mass to a very high degree of precision and accuracy. It consists of weighing pan(s), which are kept inside transparent enclosure with doors.



Analytical balance

(xiv) **Reagent bottle.** It is a container that is used to hold liquid chemicals. It is usually made up of glass.



Reagent bottle

(xv) **Beehive shelf.** It is used to support a receiving jar or tube while a gas is being collected over water with a pneumatic trough.



Beehive shelf

(xvi) **Cork borer.** It is a metal tool used for cutting hole in a cork or rubber stopper to insert glass tubing.

होली एन्जिल पब्लिक स्कूल -अल्मोड़ा

ग्रीष्म कालीन अवकाश हेतु गृहकार्य 2026-27

कक्षा -सात विषय-संस्कृत

1-पाठ्य पुस्तक से पांच श्लोक लिखकर याद करें।

2-दस फल तथा दस फूलों के नाम संस्कृत में लिखें।

3-“हरि” तथा “गुरु” शब्द के रूप लिखें।

4-“सात” पशु तथा “सात” पक्षियों के नाम संस्कृत में लिखें।

5-दैनिक जीवन में प्रयोग होने वाली 15 वस्तुओं के नाम संस्कृत में लिखें।