

Lt. Col. MEHAR LITTLE ANGELS SR. SEC. SCHOOL

WINTER HOLIDAY HOMEWORK

2025-26

CLASS-VIII

Instructions for Winter Holiday Homework

(Art Integrated Project)

1. All the holiday homework must be compiled in one single file.
2. A neat and attractive cover page is mandatory.
3. An index page is compulsory and should be placed after the cover page.
4. The homework should be arranged subject-wise, with clear division/separation for each subject.
5. The work should be neat, well-labelled, and submitted on time.

ENGLISH

Q1. Paragraph Writing (100–120 words):

Describe the natural beauty and historical importance of the Andaman & Nicobar Islands.

Q2. Write a diary entry about a day spent on an island in Lakshadweep

हिंदी

कला एकीकृत परियोजना कार्य

1. अंडमान की एक प्रसिद्ध लोककथा लिखिए।

2. अंडमान-निकोबार तथा लक्षद्वीप की वेशभूषा, आभूषण और खान-पान के चित्र लगाएँ और उनका वर्णन करें।

नोट-निम्नलिखित कार्य हिंदी व्याकरण की कॉपी में करें।

1. शीतकालीन छुट्टियाँ आपके गाँव में आपके साथ बिताने के लिए आमंत्रित करते हुए अपने मित्र/ सखी को पत्र लिखिए।

2. अनुच्छेद लिखें-‘वार्षिक परीक्षा और तनाव’

संस्कृतम्

"अंडमान -निकोबार द्वीपसमूहः अथवा लक्षद्वीपः" इति केंद्रशासित प्रदेशस्य संस्कृतिः, वेशभूषा, भौगोलिक स्थितिः तथा तत्रस्थितानां जनानां व्यवसायः इत्येषां वर्णनं कुरुत।

MATHEMATICS

QUESTION 1



1. Find the area of the trapezium-shaped roof of the house.

Use the given dimensions:

Upper base = 6 cm, Lower base = 4 cm, Height = 4 cm.

2. Find the area of the triangular sail of the left boat.

Use the given base and height:

Base = 5 cm, Height = 4 cm.

3. Find the area of the square sail on the right boat

Each side of the square = 4 cm.

QUESTION 2

- A. A Lakshadweep island has:

A trapezium administrative zone

Bases = 20 km and 12 km

Height = 8 km

A square heritage zone with side 10 km

- (a) Find total land area.

- (b) Government decides to convert 35% of the total land into green conservation land. Find area of conservation land.

B. A Lakshadweep island is divided into two zones:

Trapezium Tourism Zone

Parallel sides = 15 km and 9 km

Height = 7 km

Rectangular Residential Zone

Length = 12 km

Breadth = 6 km

(a) Find the area of both zones.

(b) Government plans to increase the tourism zone area by 20% and decrease residential area by 10%. Find the new areas.

SCIENCE

Describe about the location, climate, coral islands and volcanic islands.

Paste relevant pictures.

Use A4 size Sheets

SOCIAL SCIENCE

Prepare a comparative project on Lakshadweep and Delhi, compare both places on the following aspects:

1. Climate
2. Location
3. Festivals
4. Religion
5. Culture
6. Occupation

The work should be done neatly in a project file. Paste relevant pictures for each aspect of comparison.

GENERAL KNOWLEDGE

On an A3 size sheet, make a collage showing the wildlife, beaches, and historical places of the Andaman and Nicobar Islands and Lakshadweep Islands.

Paste or draw suitable pictures and write a short description (80–100 words) explaining the natural beauty, culture, and importance of these islands.

COMPUTER

Section A

A. Multiple Choice Questions.

1. Which input type allows the user to select only one option?

a) text

- b) checkbox
- c) radio
- d) submit

2. Which input type is used to create a submit button?

- a) text
- b) submit
- c) radio
- d) checkbox

3. What will this Python code print?

```
x = 5
```

```
if x > 3:
```

```
    print("Yes")
```

```
else:
```

```
    print("No")
```

- a) No
- b) Yes
- c) 5
- d) Error

4. Which keyword is used in Python to check a condition?

- a) for
- b) while
- c) if
- d) loop

B. Fill in the Blanks

1. The while loop executes _____ until the condition becomes false.
2. The elif statement is used to check _____ conditions after an if.
3. <h1> to <h6> are used for _____ in HTML.
4. The <input> tag is used in HTML to create _____ fields.

Section B

(Practical)

Q1. Create a digital project or Webpage on the topic

" Explore Andaman & Nicobar Islands". You can use Canva or HTML.

ART

1. Indian folk art (Mirror mosaic/ Lippon art)
2. Make Indian tribal mask

MEAL PLANNING

Part 1: The Ingredient Lab (Food Science)

We look beyond just "eating" to understand the **chemistry** of food.

- **Task:** Select one packaged food item at home (e.g., a biscuit packet, cereal, or juice).
- **The Analysis:** Study the "Nutrition Facts" label and the "Ingredients List."
- **Investigation:** 1. List the first three ingredients (these are the most used by weight). 2. Find one **Preservative** or **Additive** mentioned (e.g., Sodium Benzoate, Soy Lecithin). 3. Research and write down why that additive is used. 4. **Math Challenge:** Calculate the total sugar in the *entire* packet if one serving is 30g and the packet is 150g.

Part 2: Tech-Chef Challenge (Digital Literacy)

- **Task:** Use a free calorie tracking app or an online "Nutrient Calculator" to input a meal you cooked during the holidays. Students can use this link <https://www.nutritionvalue.org/nutritioncalculator.php>
- **The Output:** Take a screenshot of the **Macronutrient Pie Chart** (Carbs vs. Protein vs. Fats).
- **Reflection:** Was your meal high in protein? If not, what one ingredient could you add to increase the protein content?