

**HOLIDAYS HOMEWORK**

**CLASS-VIII**

**(2022-2023)**



***"Winter is a season  
of  
recovery and preparation."***

## **ENGLISH**

**Q1. Write a story of about 200-250 words with either of the beginnings given below. Give an appropriate title to the story. Draw any one character or scene from your short story.**

**Q2. Complete the following worksheet.**

**1. Circle the main clause and underline the dependent clause in the following sentences.**

- a) Ask for anything that you may want.**
- b) Alas! The great leader who showed us the way is no more.**
- c) You can take the help of your partner, if you like.**
- d) The principal will meet the students after the conference is over.**
- e) Once you learn to make the PowerPoint, you can design some for me.**

**2. Punctuate the following paragraph.**

**the old woman scraped out the flour box and swept out the bin she kneaded some dough and shaped a little round bun out of it she then lit the oven baked the bun and put it on the windowsill to cool but the bun jumped out of the window and onto the bench outside and from the bench onto the ground and away it rolled along the road**

**3. Rewrite the sentences in the passive voice.**

- a) Tarun could not open the cartoon.**
- b) Sania could not convey the message to her mother before sunset.**
- c) He must send another email to Shammi.**
- d) Clean the oil off the garage floor.**
- e) The delay in the deadline might anger the manager.**

4. Rewrite the following sentences using adverbs.

a) She has done her work carefully. (quite)

b) They forgot about the event. (absolutely)

c) Jim works fast. (really)

d) Raksha will be surprised to see us. (probably)

e) It is complicated for me to understand it. ( too, completely)

5. Join the following sentences using appropriate conjunctions.

a) The school team played well. The school team won the champion's trophy.

b) Junk food is unhealthy. It is expensive too.

c) Please wait for me. I'll return.

d) The verdict was just. It was unkind.

e) She can do it now. She can do it later.

### HINDI

प्रश्न 1- "चार साहिबजादे" फ़िल्म की समीक्षा कीजिए ।(A4 शीट पर)

प्रश्न 2- "मास्क तथा सैनिटाइजर के प्रयोग बढ़ाने के लिए "विज्ञापन लिखिए । (हिंदी व्याकरण पुस्तिका में)

प्रश्न 3- डॉ. ए. पी. जे. अब्दुल कलाम का जीवन परिचय लिखिए ।(हिंदी लिटरेचर पुस्तिका में)

प्रश्न 4- सुनहरी धूप पुस्तक से कक्षा में पढ़ाए गए पाठों को पुनः पढ़िए व उनमें किए गए अभ्यास कार्यों को

दोहराइए । (पाठ 12 से पाठ 20 तक)

# MATHEMATICS

## PROJECT WORK

1. COMPLETE THE GIVEN PROJECT.
2. DO THE GIVEN WORKSHEETS IN A SEPARATE MATHS NOTEBOOK.

## ASSIGNMENT

1. Draw the points (5, 4) and (4, 5). Do they represent the same point?
2. Draw a line passing through (2, 1) and (1, 2). Find the coordinates of the points at which this line meets the x-axis and y-axis.
3. Draw the graph for the following table of values of time (in hours) and distances (in km) covered by a car.  

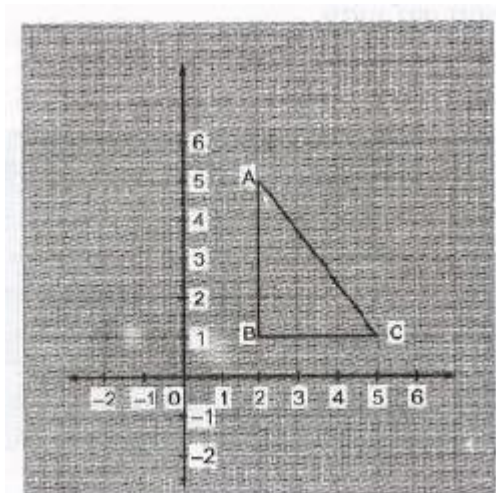
<b>Time (in hours)</b>	7:00	8:00	9:00	10:00
<b>Distance (in km)</b>	60	120	180	240

From the graph, find:

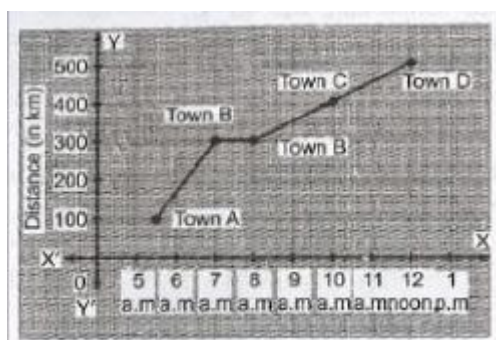
(i) The distance covered by the car during the period 7:00 to 8:00.

(ii) At what time the car would have covered 180 km?

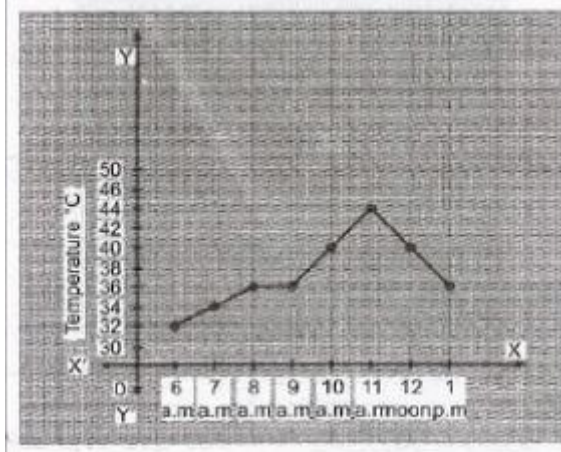
4. Find the coordinates of the vertices of  $\triangle ABC$  given in graph. Draw a triangle by taking vertices as A(5, 2), B(1, 2) and C(1, 5).



5. Following graph describes the movement of a car from a town A to town D. Study the graph and answer the following questions:



- (i) What is the distance between town A and town D?
  - (ii) What did the car start from town A?
  - (iii) Where did the car stop and for what duration?
  - (iv) How long did it take to go from town C to town D?
6. Read the following 'time-temperature' graph of a place and answer the questions given below.
    - (i) What was the temperature at 7 a.m.?
    - (ii) When the temperature was maximum?



(iii) When was the temperature 40°C?

(iv) During which period, the temperature remained constant?

## Parallelogram Worksheet 1

1. Opposite sides of a parallelogram are equal. Mark True / False.

a) True                      b) False

2. Opposite angles of a parallelogram are not equal. Mark True / False.

a) True                      b) False

3. Parallelogram diagonals do not bisect each other. Mark True / False.

a) True                      b) False

4. If the opposite sides of a quadrilateral are equal then it is a parallelogram. Mark True / False.

a) True                      b) False

5. If the opposite angles of a quadrilateral are not equal then it is a parallelogram. Mark True / False.

a) True                      b) False

6. Diagonals of a parallelogram never bisect it into two equal triangles. Mark True / False.

a) True                      b) False

7. The diagonals of a parallelogram are equal. Mark True / False.

- a) True                      b) False

8. Sum of adjacent angles of a parallelogram is equal to  $180^\circ$ . Mark True / False.

- a) True                      b) False

9. Sum of all the angles of a parallelogram is less than or equal to  $360^\circ$ . Mark True / False.

- a) True                      b) False

10. The diagonals of a parallelogram bisect each other at right angles. Mark True / False.

- a) True                      b) False

11. If two adjacent angles of a parallelogram are  $(5p - 10)^\circ$  and  $(p + 10)^\circ$ , then find both the angles.

- a)  $135^\circ$  and  $45^\circ$   
b)  $125^\circ$  and  $55^\circ$   
c)  $140^\circ$  and  $40^\circ$   
d)  $145^\circ$  and  $35^\circ$

12. Two adjacent angles of a parallelogram are as 2 : 3. Find the measure of all the angles.

- a)  $36^\circ, 72^\circ, 36^\circ, 72^\circ$   
b)  $72^\circ, 108^\circ, 36^\circ, 108^\circ$   
c)  $140^\circ, 40^\circ, 140^\circ, 40^\circ$   
d)  $72^\circ, 108^\circ, 72^\circ, 108^\circ$

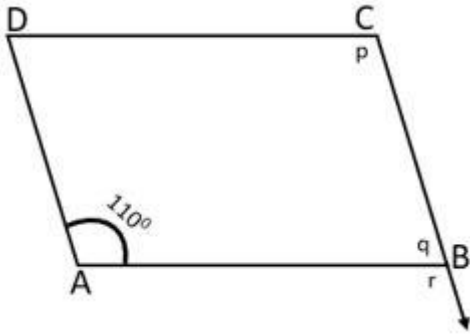
13. Two adjacent angles of a parallelogram are equal. What is the measure of each angle?

- a)  $60^\circ$                       b)  $180^\circ$   
c)  $90^\circ$                       d)  $270^\circ$

14. In a ABCD parallelogram,  $\angle A = 110^\circ$ , find  $\angle B$ ,  $\angle C$  and  $\angle D$ .

- a)  $\angle B = 65^\circ, \angle C = 110^\circ$  and  $\angle D = 65^\circ$   
b)  $\angle B = 70^\circ, \angle C = 100^\circ$  and  $\angle D = 70^\circ$   
c)  $\angle B = 75^\circ, \angle C = 110^\circ$  and  $\angle D = 75^\circ$   
d)  $\angle B = 70^\circ, \angle C = 110^\circ$  and  $\angle D = 70^\circ$

15. In the below mentioned figure ABCD is a parallelogram. Find the value of p, q and r.



- a)  $p = 110^\circ$ ,  $q = 65^\circ$  and  $r = 110^\circ$
- b)  $p = 70^\circ$ ,  $q = 110^\circ$  and  $r = 70^\circ$
- c)  $p = 110^\circ$ ,  $q = 70^\circ$  and  $r = 110^\circ$
- d)  $p = 70^\circ$ ,  $q = 110^\circ$  and  $r = 70^\circ$

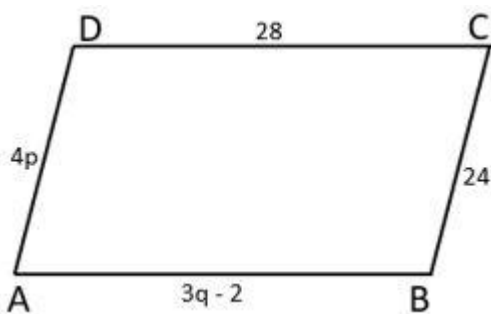
16. If an angle of a parallelogram is one-fifth of it's adjacent angle, then find all the angles of the parallelogram.

- a)  $36^\circ$ ,  $72^\circ$ ,  $36^\circ$ ,  $72^\circ$
- b)  $150^\circ$ ,  $30^\circ$ ,  $150^\circ$ ,  $30^\circ$
- c)  $140^\circ$ ,  $40^\circ$ ,  $140^\circ$ ,  $40^\circ$
- d)  $72^\circ$ ,  $108^\circ$ ,  $72^\circ$ ,  $108^\circ$

17. The sum of opposite angles of a parallelogram is equal to  $150^\circ$ . Find the sum of other two opposite angles.

- a)  $210^\circ$
- b)  $180^\circ$
- c)  $190^\circ$
- d)  $270^\circ$

18. In the below given parallelogram find the value of p and q.



- a)  $p = 6$  and  $q = 8$
- b)  $p = 8$  and  $q = 6$
- c)  $p = 6$  and  $q = 12$
- d)  $p = 6$  and  $q = 10$

19. Two adjacent angles of a parallelogram are  $(3a - 10)^\circ$  and  $(3a + 40)^\circ$ . Find both the adjacent angles.

- a)  $65^\circ$  and  $110^\circ$   
c)  $65^\circ$  and  $115^\circ$

- b)  $55^\circ$  and  $115^\circ$   
d)  $115^\circ$  and  $75^\circ$

20. The perimeter of a parallelogram is 150 cm. One of its side is greater than the other side by 35 cm. Find the length of all the sides of the parallelogram.

- a) 20 cm and 35 cm  
b) 20 cm and 55 cm  
c) 35 cm and 70 cm  
d) None of these

### **SOCIAL SCIENCE**

**Q1. Make a 3D sketch drawing of the Silicon Valley, showing big offices of the IT industry. You can use cut-out photos of landmark buildings to mark.**

**Q2. Write a report describing different ways in which farmers can be educated in advanced agricultural techniques and practices to increase productivity. Research and find out about the Indian government's initiatives for farmers, and include these programmes in your report.**

**Q3. Find out about successful public schemes launched by the Government of India in the last ten years. Make a chart on any one of them, with focus on the following points:-**

- ? Key points of the scheme**
- ? Any criticism regarding the scheme**
- ? Achievements of the scheme**
- ? Recognition and rewards for the scheme's success**

### **SCIENCE**

**I. Do the given worksheet of Ch- 18 in your notebook.**



## WORKSHEET

### CH-18 POLLUTION: A GLOBAL THREAT

#### **A. Fill in the blanks.**

1. Air consists of \_\_\_\_\_ per cent oxygen.
2. \_\_\_\_\_ is a gas produced by incomplete burning of fuels.
3. \_\_\_\_\_ is the contamination of water by unwanted substances.
4. \_\_\_\_\_ is a domestic source of water pollution.
5. \_\_\_\_\_ is a chemical method of water purification.

#### **B. State whether the following statements are true or false.**

1. Only human-made sources lead to air pollution.
2. CFCs are released mainly from air conditioners.
3. The soot released from industries gets deposited on the marble and turns it into purple colour.
4. Oxygen is a greenhouse gas.
5. Delhi Metro Rail has increased the amount of pollution in the city.

#### **C. Define the following.**

1. Greenhouse effect
2. Global Warming
3. Water Pollution

#### **D. Answer the following questions.**

1. List two natural causes of air pollution.
2. Name the major air pollutants.
3. Name the different sources of water pollution.
4. State the different methods of water purification.

## II. Make a model on following topics accordingly:

- (a) Kaleidoscope (odd roll numbers)
- (b) Structure of earth ( even roll numbers)

## III. Make a colourful poster using A3 size sheet on any one of the following topics:

- (a) Stop pollution
- (b) Greenhouse effect

## IV. Learn Term-2 Syllabus done till date.

### COMPUTER

THEME	ARTIFICIAL INTELLIGENCE
OBJECTIVE	To compare and contrast the advantages and disadvantages of Artificial Intelligence
GUIDELINES	<ul style="list-style-type: none"><li>❖ The total length of the Project should not be more than 15 pages of A-4 size paper.</li><li>❖ The project will be handwritten and credit will be awarded to original drawings, illustrations and creative use of materials.</li><li>❖ The project will be presented in a neatly bound simple folder. Please avoid plastic cover, instead use handmade paper file. Colours suggested are – Blue, Yellow and Green.</li><li>❖ The project report will be developed and presented in the following order:<ul style="list-style-type: none"><li>✓ <b>Page- 1 Cover Page</b> showing project title, student information, school and year.</li><li>✓ <b>Page-2 Contents:</b> List of contents with page numbers.</li><li>✓ <b>Page- 3 Acknowledgements:</b> Acknowledging the institution, offices and libraries visited and persons who have helped.</li><li>✓ <b>Page- 4 Project Overview:</b> Purpose, Aim, Methodology and experiences while doing the project.</li><li>✓ <b>Page- 5 to Page- 12 Subject Matter:</b> Chapters with relevant headings and illustrations.</li><li>✓ <b>Page- 13 Conclusions:</b> Based on findings. (Summary and Suggestions)</li><li>✓ <b>Page- 14</b> New findings</li><li>✓ <b>Page -15</b> Suggestions and recommendations</li><li>✓ <b>Page-16 Bibliography:</b> It should have the title, pages referred, author, publisher, year of publication and if a website the name of the website with the specific website link which has been used.</li><li>✓ <b>Page - 17</b> –Feedback form</li></ul></li></ul> <p>All the photographs &amp; sketches should be labelled and acknowledged.</p>

Artificial Intelligence:

- 1) Identify and appreciate Artificial Intelligence and describe its applications in daily life. With their Pictures.
- 2) Introduction to Artificial Intelligence.
- 3) Identify the AI Project Cycle framework.
- 4) What are some real – life applications of Artificial Intelligence? With their Pictures.
- 5) What are the different platforms for Artificial Intelligence (AI) development?
- 6) What are the programming languages used for Artificial Intelligence?
- 7) What are the types of Artificial Intelligence?
- 8) What is the difference between Artificial Intelligence, Machine learning, and Deep learning?

**FRENCH**

Write on any two festivals in French language.  
Refer to page no 84.