

DELHI PUBLIC SCHOOL

MATHS ASSIGNMENT - CLASS IV, DECEMBER

- Convert each into metres:
 - 7 km
 - 9 km 500 m
- Convert each into millimetre:
 - 210 cm 5 mm
 - 72 cm 90 mm
- Express 8405 mg into g and mg.
- Express 3425 g into kg and g
- Convert each of the following into grams:
 - 2 kg 2 hg 2 dag 2 g
 - 40 kg 5 hg 2 dag 3g
- Convert 2 kL 3hL 7 daL 5 L into litres.
- Find the difference:
 - 13 L 300 mL and 6 L 275 mL
 - 28 m 37 cm and 16 m 79 cm
 - 20 g 235 mg and 9 g 40 mg
 - 90 km and 53 km 187 m
- A painter mixed 7 L 350 mL of paint with 1 L 10 mL of thinner in it. What quantity of paint is obtained now?
- From a roll of 200 m of electric cable, a piece of 79 m 85 cm is cut. What length of cable is left in the roll?
- On a day at a juice shop 53L 750 mL of juice was sold. If the juice seller sold 28 L more on next day, how much juice was sold on the next day?
- Find the cost of fencing a rectangular field 80 m by 50 m at the rate of Rs. 7.50 per meter.
- Find the area of a square tile whose side is 36 cm.
- A man covers 84 m while going around a square field twice. Find the side of the field.
- Convert the following into seconds:
 - 4 min 20 seconds
 - 19 min 23 seconds
- Convert the following into days (by considering 1 month = 30 days):
 - 6 weeks
 - 3 months

English December Assignment, 2024

Std 4

Refer to the English Workbook, Worksheet 9—The Sunderbans. Read the passage and then answer the questions that follow, in the textbook itself, according to the page numbers, that are mentioned.

READING

A. Complete these sentences:-(Page number- 59)

1. The islands at the southern tip of West Bengal are called the-----
2. They are formed by----- streams of the----- and the -----.
3. Sundari trees have ----- to help them survive in the mud and salty waters.
4. -----, ----- and ----- are found on the banks and underwater.
5. The most dangerous animals in the region are the----- . They are fast----- and----- and can hunt well.
6. The area has been turned into a----- and protects many species.

B. Find words from the passage to match these meanings:-

1. A small narrow river:-----
2. A piece of land surrounded by water on all sides:-----

GRAMMAR

A. Underline the correct Prepositions:- (Pages 59 and 60)

1. The pen has rolled(under/ below) the table.
2. There is a pressed leaf (over/ between) the pages of this book.
3. We played football (since/for)an hour.
4. We have been friends (since/for)2014.
5. The zoo closes (on/at) six in the evening.
6. The book shop is closed (on/at) Monday.

B. Underline the Prepositions of direction in these sentences:-

1. The train goes from Kolkata to Lucknow.
2. Jessica and Kavita swam across the lake.
3. The bucket tumbled down the hill.
4. Frida Walks along the beach every evening.
5. Ankit poured water into the jar.

VOCABULARY

A. Complete this paragraph using the sound words from the box. Use the correct forms of the words.

groan, squeak, sneeze, bark, snore

I couldn't sleep well last night. My father in the next bed-1.----- heavily while sleeping. My younger brother had a cold and 2. ----- loudly from time to time. Each time he woke up to take his medicines, The bed would 3.- -----. On top of that ,there was a dog outside who kept 4. ----- . I woke up in the morning with a headache and a 5. -----.

B. Complete these sentences using the correct words from the brackets:-
(Page number 61)

1. ----- working hard this week. (They're/ There/ Their)
2. I'd love to come to the party, ----- . (to/ two/too)
3. She likes to----- colourful clothes. (ware/were/wear)
4. ----- going to rain soon.(It's/ Its)
5. He's lived here longer----- I have. (then/than)
6. This umbrella is----- (her's/ hers/ her)
7. In winter, the forest looked----- . (bear/bare)

SPELLING

Use -ion, -ation,-sion, or -tion to change these verbs into nouns:- (pages 61 and 62).Make necessary changes in spelling-

1. confuse-----
2. decide-----
3. relate-----
4. add-----
5. divide-----
6. operate-----
7. inspect-----
8. explode-----
9. invent-----
10. consider---

COMPETENCY BASED QUESTIONS (in page 62)

1. Choose the correct option -
She is the
a. apple of my eye
b. orange of my eye
c. guava of my eye
2. Circle the odd one out-
loudly, yesterday, anxiously, today, beautiful, hardly

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Monthly Assignment (December)

Sub: Hindi

Class 4

1. नीचे दिए गए शब्दों के विलोम शब्द से मिलान कीजिए ।

- | | |
|---------|-------|
| 1. ऊपर | छोटा |
| 2. सोना | बाहर |
| 3. बड़ा | जागना |
| 4. भीतर | नीचे |

2. नीचे दिए गए शब्दों से संज्ञा शब्द और सर्वनाम शब्द अलग कर लिखिए।

वृक्ष, उनको, उसे, लड़की, विद्यालय, कुछ, इसका, माता, वहाँ, पतंग, दादी, मुझे

संज्ञा						
सर्वनाम						

3. नीचे दिए गए विशेष्य शब्दों के लिए उपर्युक्त विषशेण शब्द लिखिए ।

(रंग-बिरंगी, लम्बी, हरा-भरा, रेशमी, प्यारी, स्वादिष्ट, बड़ा, चौथी)

- | | |
|----------------|-----------------|
| 1. _____ सड़क | 5. _____ कुर्ता |
| 2. _____ इमारत | 6. _____ बालिका |
| 3. _____ तितली | 7. _____ मिठाई |
| 4. _____ कक्षा | 8. _____ जंगल |

4. दिए गए वाक्यों में उचित क्रिया शब्द लिखकर वाक्य पूरा कीजिए ।

1. मैं सुबह _____ जाता हूँ। (मीठा/ खेलने)
2. हम चौथी कक्षा में _____ हैं। (पढ़ते / स्कूल)
3. रीना बहुत अच्छा _____ है। (बाजा / गाती)
4. बगीचे में अनेक रंग-बिरंगे फूल _____ हुए हैं। (खिले / दौड़ना)
5. माली पौधों में पानी _____ रहा है। (खेल / डाल)
6. माँ खाना _____ रही है। (बना / लिख)
7. आसमान में पक्षियाँ _____ रही हैं। (उड़ / पढ़)

5. राधा को बगीचे में काम करना बहुत पसंद था। वह हर सुबह जल्दी उठकर बगीचे में पानी देती और पौधों की देखभाल करती। बगीचे में गुलाब, सूरजमुखी, और गेंदे के फूल खिले हुए थे। वहाँ कई प्रकार के पक्षी भी आते थे। राधा को पक्षियों का चहकना बहुत अच्छा लगता था। बगीचे में काम करने से राधा को खुशी और ताजगी महसूस होती थी

प्रश्न:

क) राधा को क्या पसंद था?

ख) बगीचे में कौन-कौन से फूल खिले हुए थे?

ग) बगीचे में कौन आता था?

घ) राधा को बगीचे में काम करने से कैसा महसूस होता था?

6. सुलेख पुस्तक (10 पृष्ठ लिखें)

Delhi Public School
December Assignment
Class – IV
Sub-Science

- 1) Define:-
 - a) Weather
 - b) Land Breeze
 - c) Convection current
- 2) State whether the following statements are true or false :-
 - a) Water loses heat faster than land. _____
 - b) Air expands on heating. _____
 - c) Weather remains the same all through the year. _____
- 3) Answer the following questions
 - a) How is sea breeze formed?
 - b) Why are rural area often cooler than towns and cities?
- 4) Give reasons:-

It is hotter at noon than in the morning or evening.
- 5) Draw a well labelled diagram of Sea Breeze.



Q1. Fill in the blanks with the help of the clues provided :

(i) Folder (ii) Windows 1.0 (iii) Bulk (iv) Hardware (v) Unwanted

- Software gives the instructions to the _____.
- The first version of Windows was _____.
- A _____ may contain more folders, called sub-folders.
- More than one file can also be selected for the _____ operations.
- Old and _____ file should be removed from the system.

Q2. Write whether the following statements are true/false:

- Linux is a GUI based operating system developed by Microsoft. _____
- A file is a storage space on the hard disk to keep folders. _____
- There are three options when transferring the files. _____
- For selecting Non-Adjacent Files/Folders press and hold down the CTRL key. _____
- The key combination to move a file is CTRL+X. _____

Q3. Choose the correct option from the given choices:

- Hardware devices cannot function without the _____
(i) Computer (ii) Software (iii) Hardware
- _____ also acts as the interface between computer and user.
(i) Operating System (ii) Hardware (iii) Software
- _____ is a Graphical User Interface (GUI) based operating system
(i) DOS (ii) Microsoft (iii) Windows
- _____ is the facility by which the user can rename the file as per his/her requirements.
(i) Cut (ii) Copy (iii) Rename

Q4. Write the key combination of the following:

- Cut-
- Copy-
- Paste-
- Rename-



SST ASSIGNMENT/HOLIDAY H.W

CLASS-4

WORKSHEET

ROCKS

1. VOCABULARY—Fill in the blanks choosing the right words from the bracket.

(hardness, property, hardest, geologist, granite, quartz, minerals, luster, talc)

- Scientist who studies rocks is called _____.
- Rocks are made of _____.
- A _____ tells you something about an object.
- How a mineral looks when light shines on it is _____.
- _____ is how tough a rock is.
- A very soft mineral is _____ that you can even scratch it with your fingernail.
- Diamond is the _____ mineral that it can only be cut by another diamond.
- An example of rocks that is made of more than one mineral is _____.
- _____ is a mineral that shines like glass.



Rocks and Minerals

Find the hidden words. The words are horizontal, vertical, or diagonal.

c	o	w	v	d	w	r	o	c	k	k	k	f	f	t
t	s	k	i	g	n	e	o	u	s	r	o	c	k	s
l	u	v	o	l	c	a	n	o	l	z	q	i	o	v
s	x	u	i	n	n	e	r	c	o	r	e	n	b	m
s	l	m	i	n	y	c	r	y	s	t	a	l	f	t
e	w	a	x	g	q	r	y	l	m	c	x	o	a	p
s	h	g	r	m	a	u	z	a	o	i	s	q	h	e
q	u	m	g	e	r	s	c	v	i	s	b	j	s	b
r	h	a	a	o	n	t	w	a	i	m	e	e	m	n
n	k	o	f	e	n	i	a	l	b	m	d	a	w	q
p	n	b	q	o	n	q	m	k	t	f	y	x	k	h

1. fossil

2. rock

3. magma

4. minerals

5. inner core

6. igneous rocks

7. volcano

8. lava

9. crust

10. crystal

Name _____

Is it a mineral?

	Before you learn: Do you think it's a mineral? Write YES or NO.	After you learn: Is it a mineral? Write Yes or No.	If it is NOT a mineral, which part of the definition does it not satisfy?
Coal	<input type="text"/>	<input type="text"/>	<input type="text"/>
Ice cubes	<input type="text"/>	<input type="text"/>	<input type="text"/>
Diamonds	<input type="text"/>	<input type="text"/>	<input type="text"/>
Gold	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tree	<input type="text"/>	<input type="text"/>	<input type="text"/>
Banana	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pearl	<input type="text"/>	<input type="text"/>	<input type="text"/>
Icicle	<input type="text"/>	<input type="text"/>	<input type="text"/>
Synthetic Diamond	<input type="text"/>	<input type="text"/>	<input type="text"/>
Quartz	<input type="text"/>	<input type="text"/>	<input type="text"/>
Amber	<input type="text"/>	<input type="text"/>	<input type="text"/>
Salt	<input type="text"/>	<input type="text"/>	<input type="text"/>
Liquid water	<input type="text"/>	<input type="text"/>	<input type="text"/>

What is the definition of a mineral?

Approximately how many minerals have been identified?

I. Name the following:

1. It is known as the heart or soul of an AI machine. _____
2. It is also known as artificial vision. _____
3. It is the most popular AI based navigation app. _____
4. It is used to detect fire or gas leak incidents in smart homes. _____
5. It is an AI based application that understands our commands and make appropriate actions accordingly. _____

II. Complete the following:

1. The ultimate objective of AI is to develop machines that can _____ on their own and understand _____.
2. Three domains of AI are _____, _____ and _____.
3. No AI system can be developed or functional without adequate amounts of _____.
4. The different types of data used in AI systems are _____, _____, _____, _____, etc.
5. A product recommendation engine works in four phases: _____, _____, _____, and _____.
6. To protect your computer from Cyber threats / Virus attack, periodically _____ your _____ and run _____ frequently.

III. Define:

- a) AI
- b) Computer vision
- c) NLP

IV. Draw and label a diagram showing different applications of AI. [Hint: Page 98]**V. Fun with Coding:**

- a) Evaluate the truth value of: (I PLAY GOLF) AND (I LIKE MATHS), for a person who neither plays golf nor likes Maths.
- b) Evaluate the truth value of: NOT (NOT (TRUE)) AND NOT (FALSE OR TRUE)
- c) In the below code, the input of what fruit will print "Loops"?

```
If Fruit is "APPLE" THEN PRINT "Juicy"
ELSE PRINT "Loops"
```

 - i) APPLE
 - ii) MANGO
 - iii) None of these