

G D Goenka
WORLD SCHOOL

CS1 WINTER HOLIDAY HOMEWORK
GRADE-6



ENGLISH

Creative writing



EXERCISE ONE

Take a look at the two

Pictures and write down three things about each house that you find interesting.



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EXERCISE TWO

Take a look at the two pictures and write down three things that you disliked.

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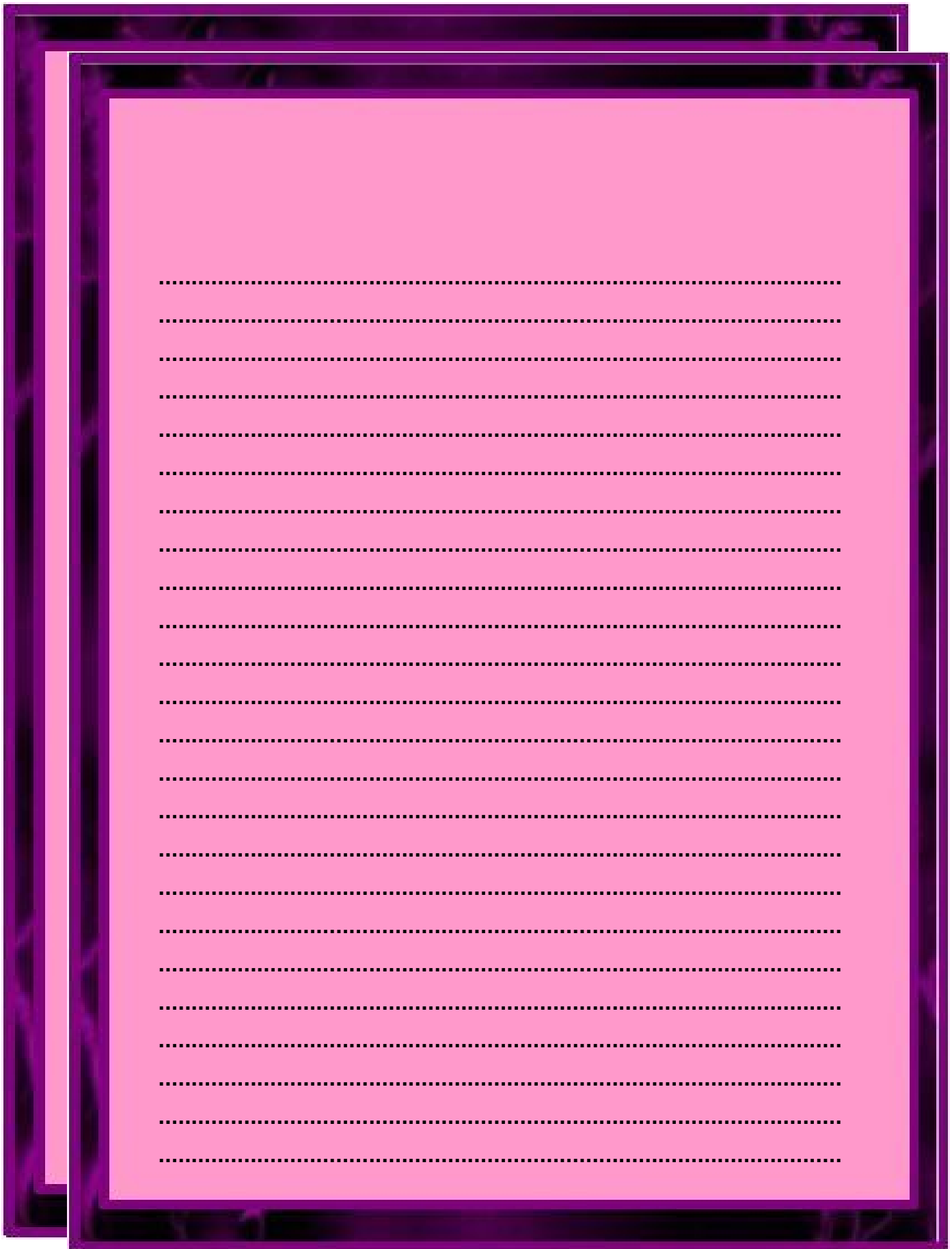
EXERCISE THREE

Write down the meanings of the following words and then find a synonym:

| WORD | MEANING | SYNONYM |
|------------|---------|---------|
| Grim | | |
| Aura | | |
| Uncanny | | |
| Incredible | | |
| Spooky | | |
| Bizarre | | |
| Indistinct | | |

| WORD | MEANING | SYNONYM |
|--------------|---------|---------|
| Unnerving | | |
| Apprehension | | |
| Quiver | | |
| Squeal | | |
| Paranormal | | |
| Eerie | | |

EXERCISE FOUR: Write any ten new words you would like to use in your story on the next page.



ESL

Theme: Food for Thought

We all enjoy delicious food,
makes us happy, fixes our mood.
It's all about the juicy taste,
doesn't matter, where the food is placed.

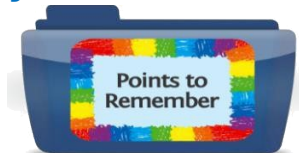
We should consider, nutritional support,
We shall need it, if we engage in a sport.
Energy; food provides - plenty
Need a bit more, if we're over twenty.



A great dish, we should all savor,
Eat slowly, as we taste the flavor.
Choose our very favorite cuisine,
Is it red? Or is it green?

Vacations !

It's time to take a break from the daily life routine and
indulge in something new and exciting.
We bring to you some constructive activities to enhance
your learning process.



- ❖ Parents are requested to encourage their ward to do the homework independently.
- ❖ Creativity and originality of the work will be appreciated.
- ❖ It should be well illustrated and meaningful.
- ❖ Do your homework in note book only.

Suggested Viewing on Television:

Discovery Kids
Animal Planet
Travel XP
Zee Q

Suggested Reading:

The Tale of Mr. Todd – Beatrix Potter
Lady Bird Series – Level 5
The Famous Five – Enid Blyton
Malgudi Days – R.K.Narayan

Suggested Visits :

Metro Museum (Chanakyapuri)
National Science Centre (Pragati Maidan)
Air Force Museum (Palam)
Crafts Museum (Pragati Maidan)

I BOOK REVIEW

Read an interesting book of your choice. **Design a creative book cover** for it. Write **book review** of the book in notebook. Include:

- the title of the book
- the author of the book
- the time when the story takes place
- the location where the story takes place
- the names and a *brief* description of the main characters you will be discussing
- quotations and examples from the book to support your opinions

- 1) Start with a couple of sentences describing what the book is about.
- 2) Discuss what you particularly liked about the book.
- 3) Mention anything you disliked about the book.
- 4) Round up your review: Summarize.

II THE HUNGRY PALATE

- 1) **Write recipes** for any two healthy food items. (A3 sheet) (Sequencing it and using transition and time order words. E.g.: First, next, then, meanwhile, finally)
- 2) Recipes should be presented in a pictorial form using 70-80 words to explain the process.

Canadian apple pie

Ingredients

- 3 tablespoons cornstarch
- 2 tablespoons white sugar
- 1 teaspoon ground cinnamon
- 1 teaspoon ground nutmeg
- 1/4 teaspoon salt
- 5 cups apple - peeled, cored, and sliced
- 3/4 cup pure maple syrup
- 1 egg
- 1 egg yolk
- 1/2 teaspoon water

Directions

1. Preheat oven to 325 degrees F (165 degrees C). Prepare pie dish with 1 crust.
2. Whisk together cornstarch, sugar, cinnamon and salt in a large bowl. Stir apples, maple syrup and whole egg into cornstarch mixture.
3. Pour apple mixture into the prepared crust. Top crust, seal edges, and cut away excess. Cut several small slits in the top to allow steam to escape. Whisk together egg yolk and water in a small bowl. Brush over the pie. Cover pie loosely with foil and place on a baking sheet.
4. Bake in the preheated oven for 35 minutes. Continue baking until crust is golden brown. Cool on a wire rack.

Cooking time
1h 40m

Calories
398

SOCIAL STUDIES

Task 1. Write down the names of all the States of India and their capital in your History notebook and learn them too.

Task 2. Select any one state of India, draw/stick its map on an A4 sheet and make a list of any 20 cities it has. Stick the work in your History note book.

Task 3. On an A4 sheet prepare this list of Current Office Holders in the Government of India. Stick the work in your History note book.

1. The President of India
2. The Prime Minister of India
3. Home Minister
4. Minister of External Affairs
5. Railway minister
6. Defense Minister
7. Human Resource Development Minister
8. Chief Minister of Delhi

Revise IPT Syllabus.

HINDI

- पाठ -16 (काम के धुनि श्री धरन)और (शिशु नगर) पाठ को पढ़कर पाठ का सार(Summary) अपने शब्दों में लिखिए ।
- आपने एक नया मोबाइल फोन बनाया है । उसकी विशेषताओं को बताता और ग्राहको को लुभाता एक विज्ञापन तैयार कीजिए ।
- 'यदि परीक्षा न होती'या'मेरा यादगार बचपन'विषय पर अनुच्छेद लिखिए ।
- श्री धरन के कार्यों के बारे में एक प्रोजेक्ट तैयार कीजिए ।
- प्रतिदिन पाँच कठिन शब्द लिखिए (from story books, news papers ,text book)
गृहकार्य booklet form में submit करे

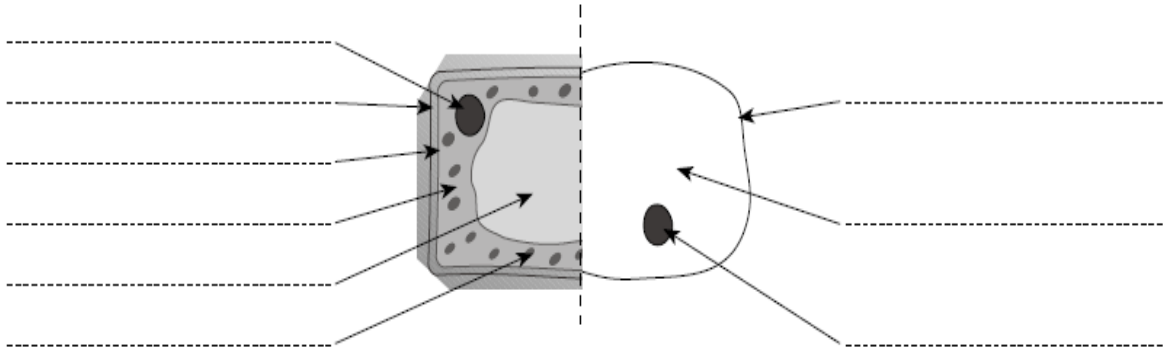
SCIENCE

Activity: All Students to create a poster on "providing different solutions for curbing pollution in metropolitan cities"

NOTE -

The assignment sheets should be pasted in notebook.
The assignments should be brought on the first working day.

1. Label the below diagram showing part of plant and animal cell.

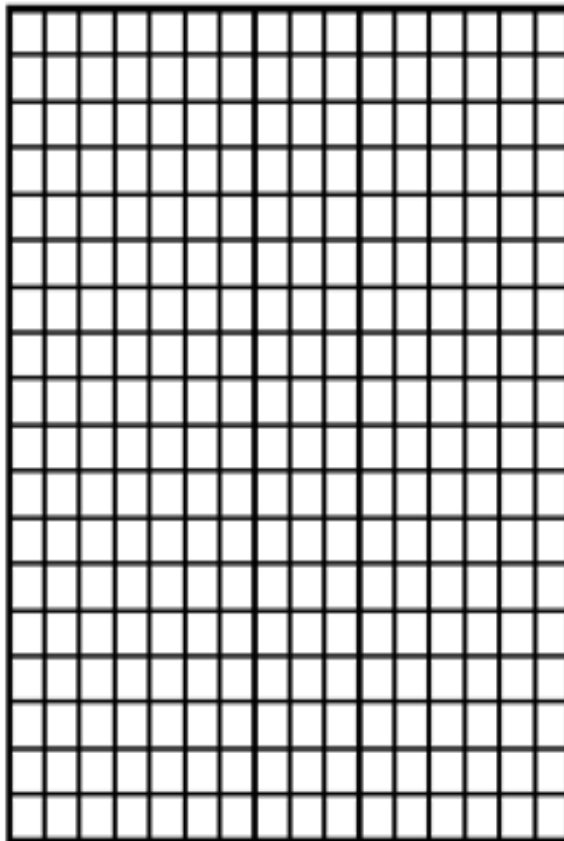


2. Each part of the cell, called an organelle has a particular function to perform. Which part of the cell performs the following function?

- a. Control the entry and exit of substances
.....
- b. Chemical reactions occur in this jelly like part
.....
- c. A non living structure around the cell, giving it support
.....
- d. Site of photosynthesis
.....
- e. Space containing cell sap
.....
- f. Information centre for controlling cell activities
.....

3. An investigation was carried out to find how many grams of a white crystalline solid could be dissolved in 100cm³ of pure water at different temperatures. The results are as follows.

| TEMPERATURE (°C) | MASS OF SOLID DISSOLVED (MAX) (g) |
|---------------------|---|
| 0 | 1.3 |
| 20 | 3.8 |
| 40 | 8.8 |
| 60 | 25.0 |
| 80 | 81.3 |



- a. Plot these points on the graph above. Do not forget to use the labels correctly.
- b. Draw a smooth curve of the best fit.
- c. Use the graph to answer the following -
 - i. What would happen if 3g of the solid were stirred into 100cm³ of water at 20°C?

.....

- ii. What is the effect of temperature on the mass of solid dissolved?

.....

4. Marry is applying nail polish to go for a party. Her little brother complains of the smell of nail polish in his bedroom across the common room.
 - a. Name the process that made the smell reach her brother's room.

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.....

b. Use the concept of particle theory to explain the process.

.....
.....

c. Name the system that helped him smell the nail polish.

.....
.....

d. Name all the organs present in the system.

.....
.....

5. All the life in a pond depends on microscopic plants called algae making food by photosynthesis. Small animals like mosquito larvae then eat the algae. Bigger animals like sticklebacks then eat the mosquito larvae, and these sticklebacks are eaten by even bigger fish like perch.

a. Draw the food chain that is described above.

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.....

b. Name the producer in the above and explain what is meant by the term producer?

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c. Name the primary consumer in the above food chain and explain what is meant by the term primary consumer?

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d. Some pike are introduced into the pond. They eat perch. Add them to your food chain and construct the new food chain.

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e. Is there a predator in the food chain? If yes, what is it?

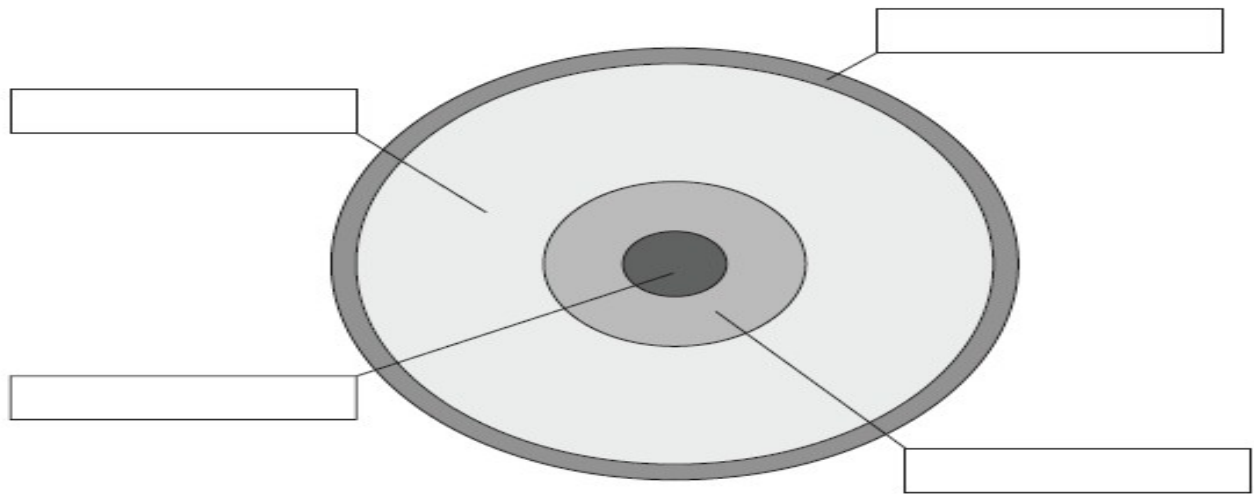
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f. What is a decomposer? What is its role?

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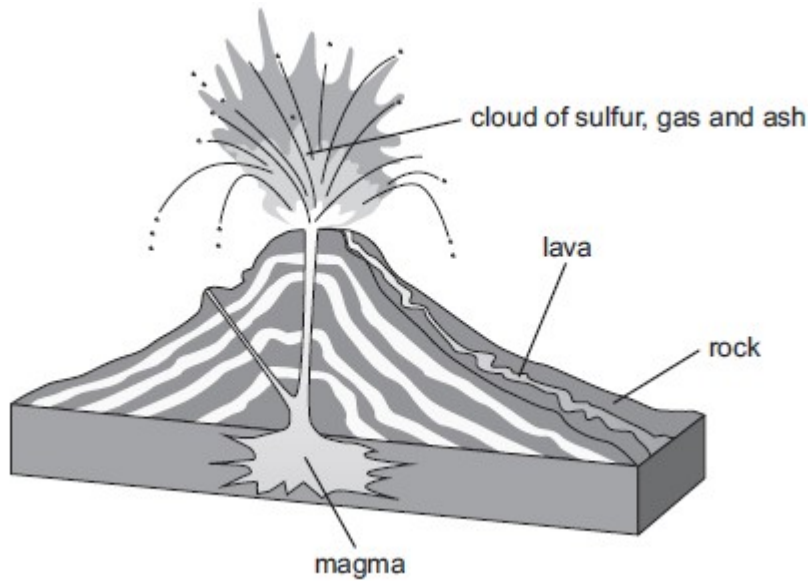
6. The structure of the Earth is made of layers. Label the diagram showing the structure of the Earth.



a. Put a tick mark against 2 correct statements.

- The inner core is the hottest part of the Earth.
- Iron and nickel are only found in the crust.
- Solid rock is found in all layers.
- The mantle is made of semi molten rock called magma.

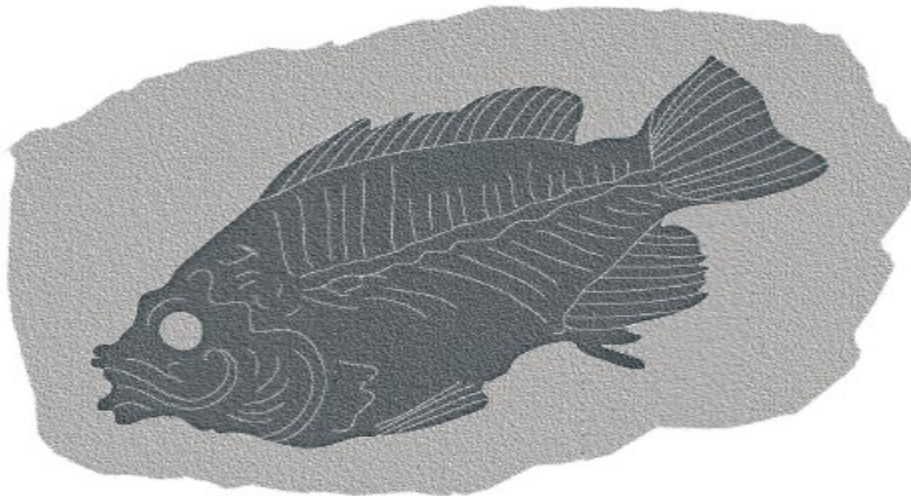
7. The diagram below shows an erupting volcano. The magma cooled and formed rocks.



a. Name the type of rocks that are formed due to volcanic eruptions. Give at least 3 features of this rock.

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-
.....
- b. Volcanic eruptions also happened many millions of years ago.
 - Volcanic ash covered the bodies of fish as shown below.
 - Over many years this ash formed rock.
 - The picture shows part of the rock that has been formed.



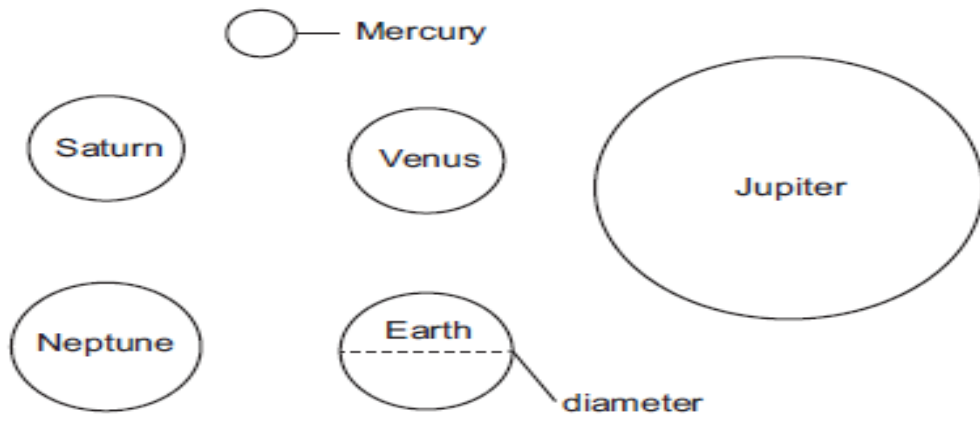
- i. The picture shows a fish which is now a, which is

.....
.....

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.....

- ii. What is the name of the type of rock in this picture? Circle your answer from the list.
IGNEOUS ROCK
METAMORPHIC ROCK
SEDIMENTARY ROCK

- 8. The diagram shows 6 planets.
Different planets have different gravitational forces.
The diameter of the circle represents the size of the gravitational forces,



- a. In the diagram, the diameter of Earth is 2 cm.
 The gravitational pull on the Earth is 10 units.
 Use the information to complete these sentences.

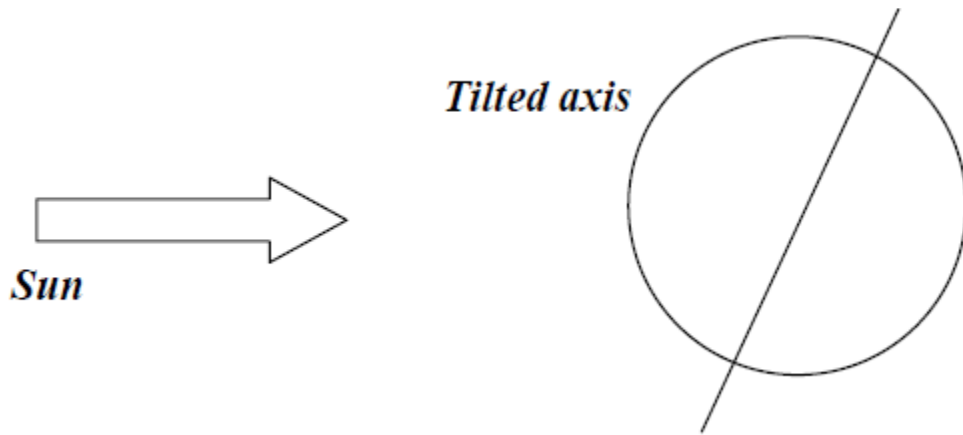
In the diagram the diameter of Jupiter is cm and the gravitational pull on Jupiter is units.

- b. Write the names of 3 planets where you would weigh less than you do on Earth.

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9. The Earth travels once around the Sun in 365 days. We say this is one orbit in one As the Earth travels around the The tilt of the gives the

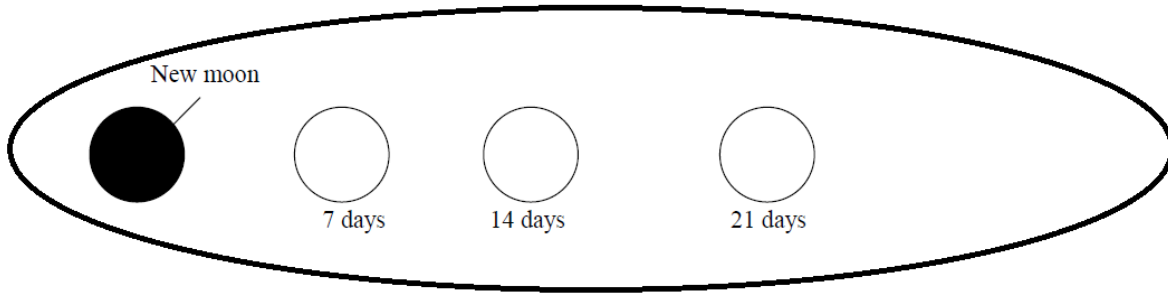
10. Use the diagram to explain how day and night are formed.



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11. Complete the diagram to show how the moon looks in 28 days.



12. Which of the following are -

SUN EARTH MOON

- a. Luminous objects -
- b. Non luminous objects -
- c. Which 2 are not planets -

13. Fill in the correct word below and circle it in the word search below.

For example when the moon is in the way of the Sun.

Type of moon when all of it is visible on Earth.

Type of Moon when none of it is visible on Earth.

Dark area when light is blocked out.

The Sun gives out light therefore it is described as?

The Moon only does this to light. It doesn't produce it.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Q | Z | K | Q | V | X | R | L | L | Z |
| B | I | A | K | L | A | M | T | E | M |
| S | T | C | E | L | F | E | R | L | Y |
| H | D | S | L | C | M | A | B | X | Q |
| F | V | U | V | K | L | P | X | D | Z |
| S | F | O | N | I | M | I | L | J | G |
| W | O | D | A | H | S | H | P | F | V |
| E | Q | I | Y | H | M | E | N | S | N |
| N | F | Y | R | C | P | O | P | G | E |

GERMAN

Frage1 : Konjugieren Sie :

haben sein möchten mögen trinken

| | | | | | |
|-----------|-------|-------|-------|-------|-------|
| ich | _____ | _____ | _____ | _____ | _____ |
| du | _____ | _____ | _____ | _____ | _____ |
| er/es/sie | _____ | _____ | _____ | _____ | _____ |
| wir | _____ | _____ | _____ | _____ | _____ |
| ihr | _____ | _____ | _____ | _____ | _____ |
| Sie/sie | _____ | _____ | _____ | _____ | _____ |

Frage2 : Ergänze das Verb "sein" !

Wer _____ du?

Ich _____ Martin.

Das _____ mein Bruder und das _____ meine Schwester.

Wir _____ vier zu Hause.

Wieviele _____ ihr zu Hause.

Wo _____ das denn?

Wie alt _____ Sie?

Frage3 : Markiere die richtige Antwort !-

1. Geschwister

a) Parents b) Siblings c) Cousins

2. Sympathisch

a) funny b) boring c) friendly

3. Achthundertzweiundsechzig

a) 862 b) 826 c) 816

4. Vorname

a) Firstname b) Lastname c) Surname

5. Streng

a) harworking b) strict c) strong

Frage4 :Ergänze die richtigeAntwort! -

1. Herr Kumar _____ aus Augsburg.

a) kommet b) kommt c) kommen

2. Was _____ du?

a) machst b) macht c) machest

3. Tina und Reena _____ in Chennai.

a) wohnen b) wohnt c) wohnt

4. _____ ihr Hindi?

a) lernt b) lernet c) lernen

5. Woher _____ Sie, Frau Schweiz?

a) kommet b) kommt c) kommen

Frage5 : Was passtzusammen ?

| A | B |
|----------------------------------|--------------------------------|
| 1. Werist Markus? | Das istmeineOma. |
| 2. Werist das | Markus istmeinBruder. |
| 3. Wie alt bist du? | Sieheißt Martina. |
| 4.WieheißtdeineSchwester ? | 13. |
| 5.SindSieverheiratet ? | Ja,ichhabeeineSchwester. |
| 6.HabenSieGeschwister ? | Nein,ich bin nichtverheiratet. |
| 7. Sind Sie der Vater von Hans ? | MeineTelefonnummerist 0987423. |
| 8. WieistdeineTelefonnummer? | Nein von Petra. |
| 9.SindSie Hans Schulz ? | Wirwohnen in Berlin. |
| 10.Wowohntihr? | Ja,ich bin Hans Schulz. |

Frage6 :Ergänze die Lücken ! (Einzelkind , ist , wohne , Mein , in, E-Mail)

Tag! _____ Name ist Michael Wagner. Ich _____ in Frankfurt. Frankfurt liegt _____ Deutschland. Meine Adresse _____ 10.Beethoven Straße. Ich bin _____ .Meine _____ Adresse ist ggc@gmail.com.

Frage7 : Schreiben Sie die Zahlen auf Deutsch :

a) 312 _____

b) 756 _____

c) 878 _____

d) 459 _____

e) 1000 _____

Frage8 :Ergänze die konjugierten Verben!

Petra _____ (wohnen) in Mumbai.

Er _____ (lernen) Spanisch.

Sie _____ (heißen) Nimisha.

Ihr _____ (spielen) Cricket.

Klaus _____ (trinken) Cola.

Frage9 :Ergänze die Personal Pronome (ich/du/er/es/sie/wir/ihr/sie/Sie)

Peter und Angela wohnen in Indien. _____ kommen aus Deutschland.

Claudia kommt nicht. _____ ist krank.

Roger ist Student. _____ studiert in Bengaluru.

Meine Großmutter heißt Sita. _____ ist 80 Jahre alt.

Hallo, Thomas und Maria! Wohnt _____ in Jaipur.

Frage10 :Ergänzen Sie W-Frage (wo,wie,woher,was,wieviele)

1. _____ heißen Sie?

2. _____ alt sind Sie?

3. _____ wohnen Sie?

4. _____ liegt Berlin?
5. _____ seid ihr zu Hause?
6. _____ kommst du ?
7. _____ Geschwister hast du ?
8. _____ ist deine Telefonnummer?
9. _____ ist deine Email Adresse?
10. _____ wohnt Arika ?

Frage 11 : Bilde Sätze.

1. Einzelkind / bin / ich / ein. _____

2. Vater / 44 / alt / ist / Jahre / mein.

3. Brigitte / die / von / Tina / ist / Freundin.

4. liegt / in / Ostdeutschland / München.

5. streng / ist / Opa / mein.

Frage 12 : MAKE A NEW YEAR CARD IN GERMAN. (THE LINES SHOULD BE WRITTEN ONLY IN GERMAN)

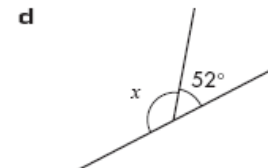
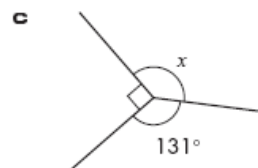
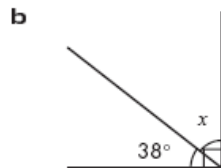
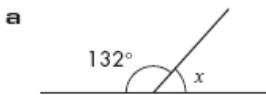
MATHEMATICS

NOTE:

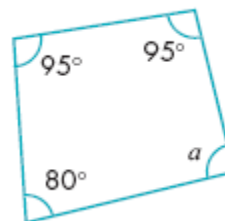
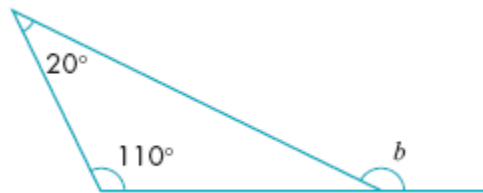
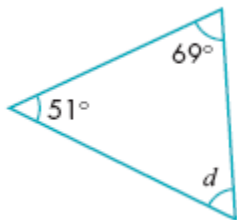
Ensure that the work is done on A4 size sheets and is in neat handwriting.

(Do not use your Maths. fair notebook for this assignment.)

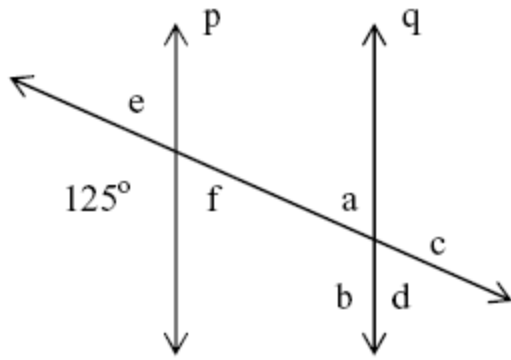
1. Calculate the size of the angle marked x in each of these examples.



2. Find the unknown angles:



3. In the adjoining figure $p \parallel q$. Find the unknown angles.



4. The equation of the straight line is given. x coordinate of three points on the line are also given. Calculate the y coordinate of each point on the line.

(a) $y = 2x - 3$

- i. (0, _) ii. (4, _) iii. (-1, _)

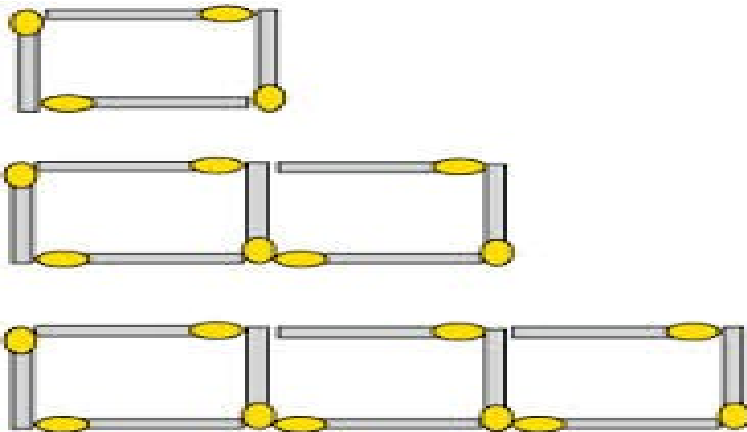
(b) $y = x + 5$

- i. (3, _) ii. (8, _) iii. (-4, _)

5. Draw lines of the following lengths using a ruler.

- (a) 68mm (b) 7.4 cm (c) 3cm (d) 53mm

6. These diagrams show a sequence of match stick patterns. In each pattern the matchsticks are arranged so that a line of squares is formed.



(a) Draw the next two patterns in the sequence.

(b) Count the number of matchsticks in each pattern and enter the results in the table like this.

| Number of Squares | Number of matches |
|--------------------------|--------------------------|
| 1 | 4 |
| 2 | |
| 3 | |
| 4 | |
| 5 | |

(c) Describe the rule linking the number of matches and the number of squares.

(d) Without drawing, predict the number of matches needed for the pattern with ten squares.

(e) Without drawing, predict the number of matches needed for the pattern with 100 squares.

(f) If 121 matches are used for a pattern, how many squares will be in it?

7. Draw a regular hexagon.

(a) Write down how many lines of symmetry it has.

(b) Write down its order of rotational symmetry.

8. A golf club carries out a survey to find out the ages of its members.

Here are the results:

28, 68, 57, 79, 42, 50, 19, 21, 23, 21, 56, 16, 38, 55, 62, 71, 27, 49, 63, 46, 68, 42, 35, 65, 18, 72, 63, 48, 69, 67, 17, 43, 36, 48, 54, 60.

(a) Make a group tally and frequency table using the age groups 1-10, 11-20, and 21-30, etc.

(b) Draw a frequency diagram of the data.

9. Solve the equations:

(i) $a + 6 = 14$

(ii) $2x = 34$

(iii) $m - 12 = 23$

(iv) $4p - 20 = 12$

(v) $5y + 23 = 53$

Choose the right answer in the following questions.

10. The prime factorization of 48 is:

- (i) $2 \times 2 \times 3 \times 6$ (ii) $2 \times 2 \times 2 \times 2 \times 3$ (iii) $4 \times 3 \times 6$ (iv) 8×9

11. HCF of 22, 44, and 88 is:

- (i) 22 (ii) 44 (iii) 88 (iv) 1

12. 2234560 is not divisible by:

- (i) 5 (ii) 2 (iii) 3 (iv) 4

13. HCF of two consecutive numbers is always:

- (i) 1 (ii) 2 (iii) 0 (iv) 4

14. The only even prime number is:

- (i) 1 (ii) 0 (iii) 2 (iv) 3

VISUAL ARTS

The students are to make a picture on A3 paper using colored paper cut in specific shapes on any **one** topic:-

- My day at the beach
- Dan
- Animals/pets
- A night sky
- A swimming competition

FRENCH

Research about France and prepare a report on:

- French cuisine
- Fashion capital - Paris- Why it is called a fashion capital ?
- Famous French Festivals
- Famous French Personalities.

SPANISH

1. Prepare a PPT comparing 2 festivals of Spain and India each.
2. Revise for IPT 2. Module 2 Pg 39, 118 and 119 to be done in notebook

INFORMATION TECHNOLOGY

(a) Write the code for the following questions in QBASIC

1. Write a program in QBASIC to add three numbers where numbers are 15,17,19
2. Write a program in QBASIC to print your name ,class and school name in different lines
3. Write a program to find the area of a square when side is 5
4. Write a program to accept two numeric values from user and find their product
5. Write a program to accept value for radius from user and find the area of the circle ($\text{area}=3.14*r*r$)
6. Write or code QBASIC program that demonstrates the steps or procedures involve to prepare an office tea breakfast with the results shown at the output screen

(b) Create a 2 page Newsletter using MS Publication Software on the topic Cyber Safety

Taking care of the following criteria-

- Effective information
- Proper Text
- Clipart and Graphics

Get the print of the Newsletter/or get it in a pen drive.