



DUBAI GRAND INTERNATIONAL SCHOOL

SUCCESS IN BOTH WORLDS

SUMMER ASSIGNMENT GRADE VII

Important instructions:

1. All the students will download the summer assignment and will get the print out of the same.
2. The date of submission for the summer assignment (worksheets) will be 11th July 2023 (Tuesday).



English

Class: 7th

Section: _____

Name: _____

Roll No.: _____

Prepare presentation on the following topics:

- a. What is a depression?
- b. What is over-eating?
- c. How over-eating is a symptom of depression?
- d. How can you help a patient recover from depression?
- e. How depression is refraining a person from enjoying the social life?

Note: A student is enjoined to prepare at least five sentences on each topic.

You will be enlightened to work in groups and every student is admonished to make use of certainty and uncertainty phrases.

1. Do you think it is difficult to be a celebrated artist? Give a reason for your answer.

2. What is a questionnaire? Rules for preparing a questionnaire.

Imagine you want to start a writer's club for your school and prepare a role-play of interviewer who is going to hand-pick the students for different brackets of writing among them?



Note: Every topic has been predominantly talked through and made understood to everyone evidently and evenly.

Using *have* / *has*



I have
You have
He / she / it has
We have
You have
They have



Fill in the blanks using have or has.

1. I _____ two pencils.
2. They _____ a test today.
3. Mum _____ a new dress.
4. We _____ no music lesson today.
5. I don't _____ any brothers or sisters.
6. He doesn't _____ any homework.
7. Peter _____ a big sister called Tammy.
8. The monkey _____ a yellow banana.
9. We don't _____ school on Friday.

Fill in the blanks with "have" or "has".

- | | |
|---|---|
| 1. I <input type="text"/> a camera. | 7. Sam <input type="text"/> a kite. |
| 2. She <input type="text"/> a bag. | 8. The girls <input type="text"/> three pens. |
| 3. They <input type="text"/> a new house. | 9. They <input type="text"/> four apples. |
| 4. It <input type="text"/> two legs. | 10. Manee <input type="text"/> a dog. |
| 5. He <input type="text"/> a pencil. | 11. We <input type="text"/> ten eggs. |
| 6. You <input type="text"/> a ruler. | 12. Lek <input type="text"/> a lot of money. |

Look at the chart and complete the sentences.

					
	pets	skateboard	new car	jewelry	laptop
Austin	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Linda	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mom	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dad	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

A: Do they _____ pets?

B: Yes, they _____.

A: Does Dad _____ a car?

B: _____, he _____.

A: _____ Linda _____ jewelry.

B: Yes, _____.

A: Who has a new car?

B: _____ has a new car.

Austin _____ a skateboard but he _____ a laptop.

Mom and Linda _____ jewelry but they _____ car.



COORDINATING CONJUNCTION

Complete the sentences with the correct conjunction:

and or for nor so but yet

1. I know the answer, _____ I can't tell you
2. Should we go by train, _____ take the bus?
3. I am allergic to cats, _____ I have two of them.
4. She did not study, _____ she failed the test.
5. I will be late for the party, _____ I will be having dinner with my parents first.
6. Can you stay here _____ wait for him?
7. She does not like apples, _____ does she like oranges.
8. He has a small house, _____ it feels very spacious.
9. You can pay with cash, _____ you can use your credit card.
10. He was driving too fast, _____ he missed the turn.
11. We bathed the dog, _____ we could not get clean.
12. He was supposed to study, _____ he played games instead

دہی گرینڈ انٹرنیشنل اسکول سرینگر
درجہ : ساتویں ورک شیٹ : 1

رول نمبر _____ نام _____ سکشن _____

(۱) : درج ذیل الفاظ کے پہلے حرف پر اعراب (زیر، زبر، پیش) لگا کر صحیح تلفظ
(pronunciation) کو واضح کیجئے

صح مفس ارتقاء مدعا

(۲) دئے گئے الفاظ کو اپنے جملوں میں استعمال کیجئے۔

1: شفقت _____

2: صحبت _____

3: تعظیم _____

4: مطلب _____

5: خصلت _____

(۳) مندرجہ ذیل الفاظ کا املا دُرست کیجئے

- 1: سُلوق
- 2: مشحور
- 3: اِزت
- 4: اُسطاد
- 5: طرِیب

(۴) درج ذیل الفاظ کے معنی تحریر کیجئے

- 1: قبائیں
- 2: چندن
- 3: اُجالا
- 4: شفقت
- 5: تعظیم

(۵) درج ذیل الفاظ کی مختصر تعریف (definition) لکھیے

- 1: اسم مصدر
- 2: فاعل
- 3: اسم مشتق

(۶) خالی جگہوں کو مناسب الفاظ سے پُر کیجئے

- 1: سلام اس پر جس نے۔۔۔۔۔ کی دستگیری کی
- 2: نیک آدمی ہمیشہ دوسروں کے ساتھ۔۔۔۔۔ سلوک کرتا ہے
- 3: سلام اس پر جو ٹوٹے ہوئے۔۔۔۔۔ میں رہتا تھا
- 4: نظم نعت۔۔۔۔۔ نے تحریر کی ہے۔
- 5:۔۔۔۔۔ کو فاعل کہتے ہیں



Mathematics

Class: 7th

Section: _____

Name: _____

Roll No.: _____

Working with Decimals

Addition	Subtraction
$2.5 + 3.9 =$ <input type="text"/>	$8.4 - 2.3 =$ <input type="text"/>
$13.7 + 4.8 =$ <input type="text"/>	$17.6 - 1.7 =$ <input type="text"/>
$7.62 + 8.57 =$ <input type="text"/>	$24.5 - 5.43 =$ <input type="text"/>
$534.786 + 14.402 =$ <input type="text"/>	$78.26 - 17.37 =$ <input type="text"/>
Multiplication	Division
$3.5 \times 7 =$ <input type="text"/>	$12.5 \div 5 =$ <input type="text"/>
$14.7 \times 8 =$ <input type="text"/>	$44.1 \div 3 =$ <input type="text"/>
$7.53 \times 9 =$ <input type="text"/>	$148.8 \div 6 =$ <input type="text"/>
$24.138 \times 3 =$ <input type="text"/>	$410.9 \div 7 =$ <input type="text"/>



Multiplying and dividing decimals by powers of 10.

1) $2.3 \div 100 =$ 2) $15.6 \times 100 =$ 3) $169.2 \times 100 =$

4) $22.4 \div 1000 =$ 5) $12.3 \times 1000 =$ 6) $55.69 \div 10 =$

7) $123.9 \times 1000 =$ 8) $14.89 \times 10 =$ 9) $45.6 \div 10 =$

10) $0.0056 \times 1000 =$ 11) $2.6 \div 1000 =$ 12) $28.9 \times 100 =$

13) $96.5 \div 100 =$ 14) $0.0025 \times 10 =$ 15) $89.2 \div 10 =$



Solve and explain.

1. If Aamir earns Rs 16.72 for cutting grass every week and Rs 35.17 for painting every week, how much he earns in 6 weeks?

2. Aamina bought 2 sweatshirts from the mall and each cost Rs 22.25. She also bought 2 dresses for Rs 30.50 each. What was the total amount of her purchase?

3. If Zaara bought 3 new outfits and each cost Rs 45.96, how much would her total bill be?



Physics

Class: 7th

Section: _____

Name: _____

Roll No.: _____

Worksheet: Motion and Types of Motion Exploration

Instructions:

- 1. Activity: Observing Motion Materials needed: Marbles, ruler, masking tape, stopwatch (Roll no.: 1-15)**

Perform the following activities to observe motion:

- Place a ruler on a flat surface and secure it with masking tape.
- Release a marble from one end of the ruler and observe how long it takes to reach the other end using a stopwatch.
- Repeat the activity with marbles of different sizes or materials and compare their motion.
- Calculate speed

- 2. Activity: Pendulum Motion Materials needed: String, weight (e.g., a small object), stopwatch (Roll no.: 16-30)**

Explore pendulum motion with the following steps:

- Tie one end of a string to a fixed support, such as a doorknob or a hook.
- Attach a weight to the other end of the string.
- Swing the pendulum and observe its motion.
- Measure the time it takes for the pendulum to complete one full swing using a stopwatch.



-
-
- e. Repeat the activity with different lengths of strings (any 3 lengths) and record your observations.

3. Activity: Linear and Rotational Motion Comparison Materials needed: Toy car, toy top or spinner, ruler, stopwatch (Roll no.: 31-48)

Compare linear and rotational motion using the following steps:

- a. Place the toy car on a flat surface and measure the time it takes to move from one point to another using a stopwatch.

- b. Spin the toy top or spinner and measure the time it takes to complete one full rotation using a stopwatch.

- c. Compare the motion of the toy car and the toy top. Describe the differences in their motion. (3 differences)



Chemistry

Class: 7th

Section: _____

Name: _____

Roll No.: _____

Worksheet: Matter Exploration

Instructions:

- 1. Activity: States of Matter Materials needed: Ice cubes, water, candle, matchstick, glass, plastic bag (Roll no.: 01-15)**

Explore the states of matter by performing the following activities:

- a. Observe the ice cubes. What state of matter are they in? Write your answer.

- b. Heat the ice cubes and observe the changes that occur. Describe your observations.

- c. Light the candle using a matchstick. Observe the candle flame. What state of matter is the flame?

- d. Place a glass of water in the freezer and wait until it freezes. Observe and describe the changes.

- e. Place a plastic bag over your mouth and blow air into it. What state of matter is the air inside the bag?



2. Activity: Physical and Chemical Changes Materials needed: Vinegar, baking soda, transparent glass or cup, dropper, lemon juice (Roll no.: 16-30)

Perform the following activities to identify physical and chemical changes:

- a. Mix vinegar and baking soda in a glass or cup. Observe and describe what happens.

- b. Use a dropper to add a few drops of lemon juice to a separate glass containing baking soda. Observe and describe any changes.

- c. Write down two examples of physical changes you have observed in your daily life.

- d. Write down two examples of chemical changes you have observed in your daily life.

3. Activity: Density Exploration Materials needed: Water, oil, different objects (e.g., coin, paperclip, eraser, cork) (Roll no.: 31-48)

Explore density using the following steps:

- a. Fill a glass with water and observe its density.
b. Place different objects into the glass and observe whether they sink or float. Write your observations.

**SUMMER ASSIGNMENT
GRADE VII**



c. Repeat the above steps using oil instead of water. Compare the results with the water experiment.

A **PHYSICAL CHANGE** occurs when the physical properties become altered.
Cut paper in half, crunch a Frito, paint a boat, ice → water → steam.

A **CHEMICAL CHANGE** occurs when a substance becomes an entirely new and different substance.
Burn a match, digest some pizza, rust a bean can.

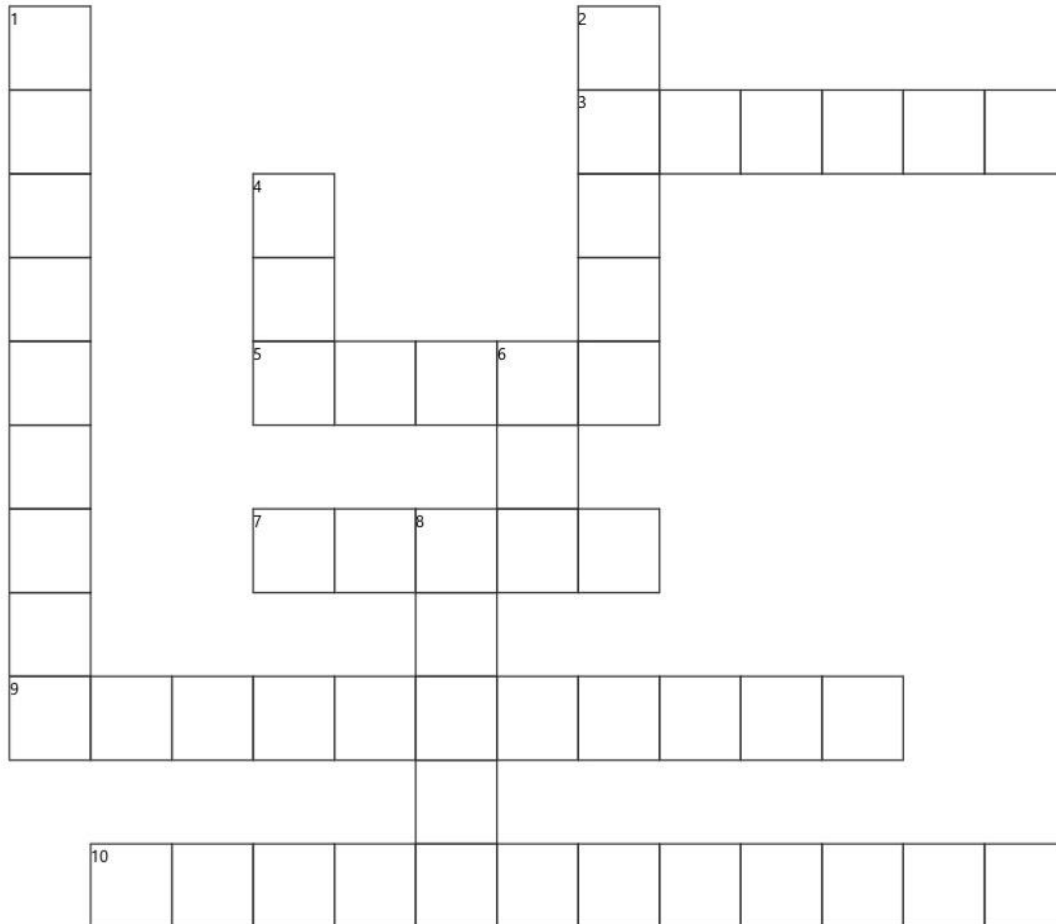
Directions: Decide if the changes are physical or chemical. Write the word chemical or physical in the boxes, next to the changes which have occurred. Spelling counts.

CHANGES OCCURRING	TYPE OF CHANGE
Snow melting	<input type="text"/>
No new substance is produced	<input type="text"/>
Mud dries and changes to dust	<input type="text"/>
A match stick turns to ash while burning	<input type="text"/>
Produces a new substance with different properties	<input type="text"/>
Teeth crushing food	<input type="text"/>
Breaking a glass window with a baseball	<input type="text"/>
Making salt by mixing sodium and chlorine together	<input type="text"/>
Water changes to steam	<input type="text"/>
Stomach acids dissolving pizza	<input type="text"/>
Hydrogen and oxygen gas combining to become water	<input type="text"/>
Grape juice changing to wine (fermenting)	<input type="text"/>
An iron pipe rusting	<input type="text"/>
Dew forming on a leaf	<input type="text"/>
Bending a nail with a hammer	<input type="text"/>



States of Matter Crossword

Using the Across and Down clues, write the correct words in the numbered grid below.



ACROSS

3. Takes on the shape of the container it is in.
5. A book is an example of this type of matter.
7. This matter can be solid, liquid or a gas.
9. Boiling water creates this.
10. These are the droplets that form on a very cold glass of water with ice.

DOWN

1. This type of matter is often invisible.
2. This is an example of a gas.
4. Takes on the shape and volume of the container it is in.
6. This is an example of the solid state of water.
8. How many states of matter are there?



Biology

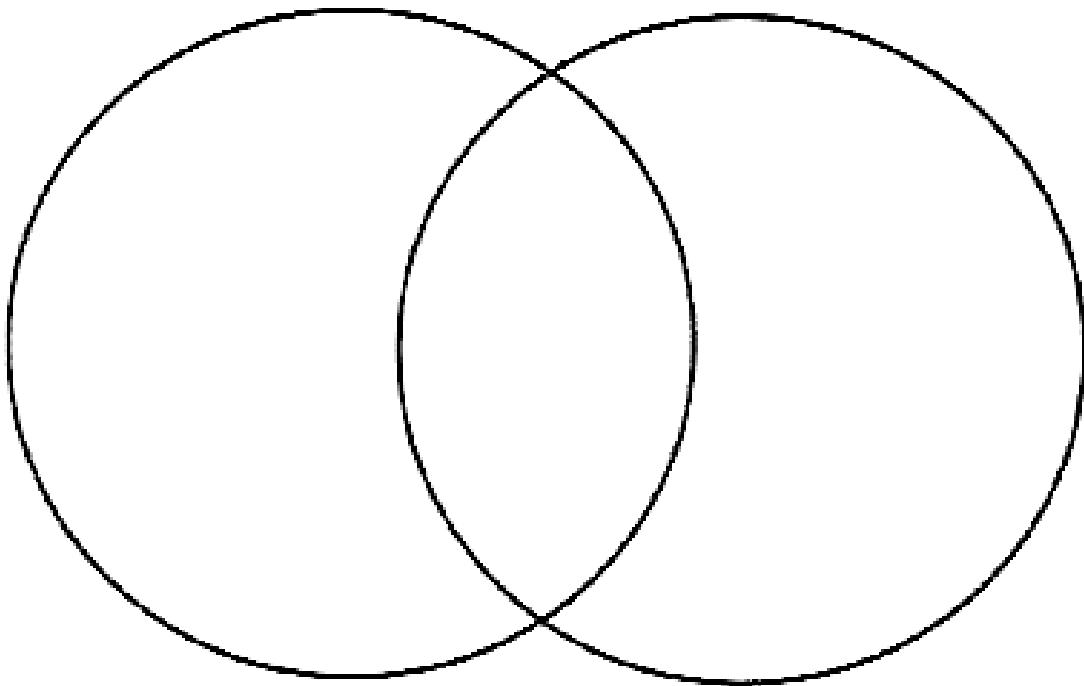
Class: 7th

Section: _____

Name: _____

Roll No.: _____

Q1. In the Venn diagram given below, note down similarities (in common space provided) and differences (in specific circles) between Prokaryotes and eukaryotes.



Q2. Mention scientific name of the following.

Common Names	Scientific Names
Humans	
Cat	
Maize	
Lion	
Tomato	



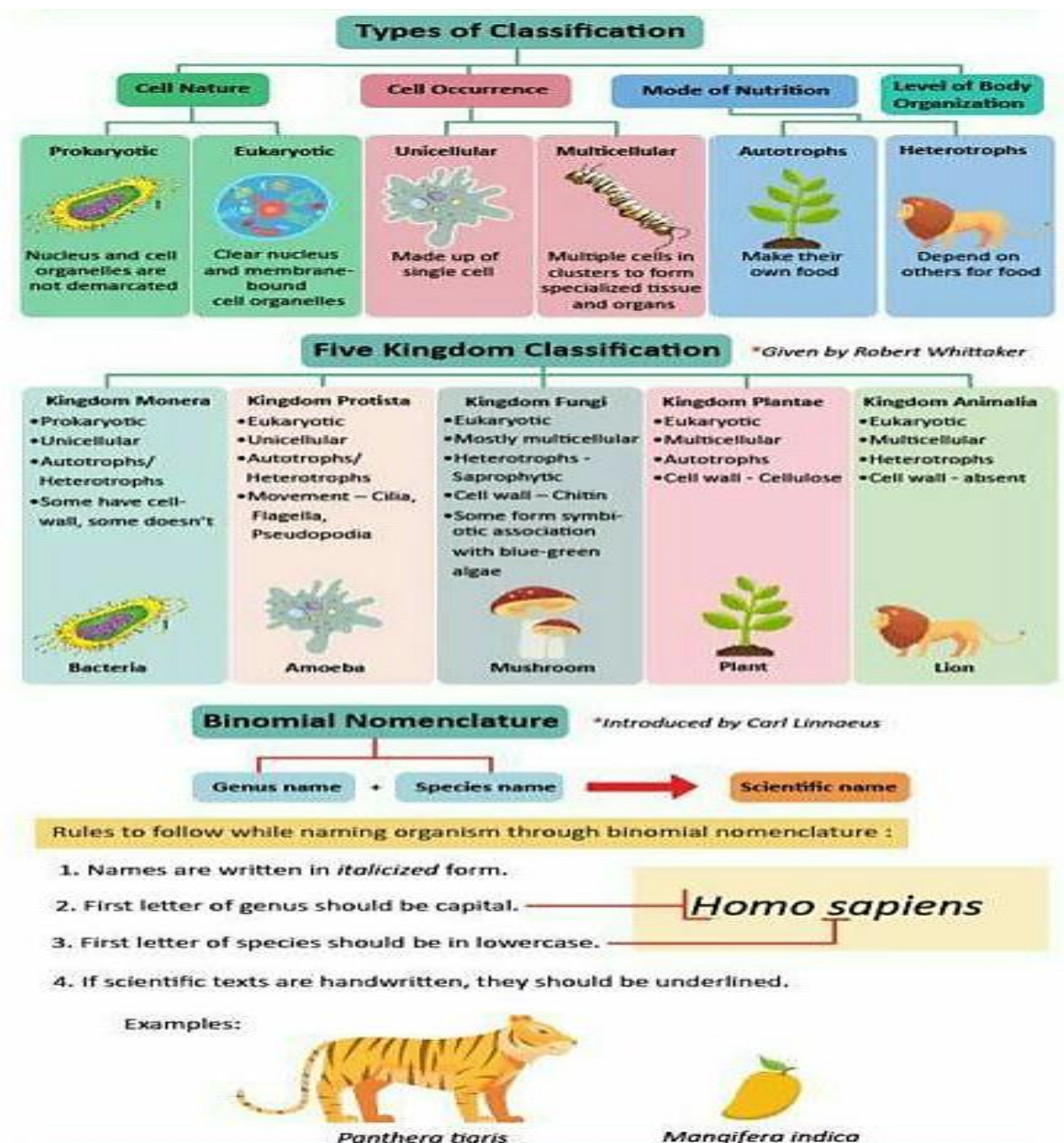
Q3. Write plan of classification in logical sequence.

A series of eight empty rectangular boxes arranged vertically, connected by downward-pointing arrows, intended for writing a classification plan in logical sequence.

Q4. Complete the following sentences.

1. Binomial nomenclature was given by _____.
2. Five kingdom system of classification was given by _____.
3. Scientific name consists of generic name and _____ name.
4. Cell wall of bacteria is made up of _____.
5. Humans belong to class _____.

Q5. Comprehend and memorize the important points.





History

Class: 7th

Section: _____

Name: _____

Roll No.: _____

A. Fill in the blanks.

1. Muhammad (SAW) escaped to Medina in _____.
2. Prophet Muhammad (SAW) was born in _____ around _____.
3. _____ wrote the the Rubaiyat.
4. The Arabs borrowed the decimal system from _____.

B. State true and false:

1. The Islamic era begin in AD 622. _____
2. The Arabs invented the numerals 1 to 9 and 0. _____
3. Muhammad's (SAW) teachings became popular in Mecca. _____
4. Every Muslim must correctly recite aloud the shahadah. _____

C. Match the following:

- | | |
|--------------------------------|----------------|
| 1. The Canon of Medicine | Arabian Nights |
| 2. The fables of Pilpay | Omar Khayyam |
| 3. The Rubaiyat | Panchtantra |
| 4. The Thousand and One Nights | Ibn Sena |





D. Choose the correct option:

1. Humayun's tomb was made between _____.
 - a. 1562 and 1571
 - b. 1563 and 1587
 - c. 1458 and 1578
 - d. None of the above



2. Rajarajdeva built the _____ temple.
- a. Rajarajeshwara
 - b. Kali
 - c. Shiv Linga
 - d. None of the above

E. Fill in the boxes.

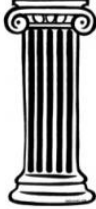
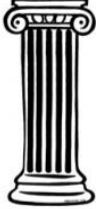



 <p>Prophet Fact File</p>	<p>I S L A M</p>	 <p>Prophet:</p>
<p>Born (Year/Place):</p> <div style="border: 1px solid black; height: 60px; width: 100%;"></div>	<p>Some events in his life:</p> <div style="border: 1px solid black; height: 150px; width: 100%;"></div>	<p>Sent to whom:</p> <div style="border: 1px solid black; height: 60px; width: 100%;"></div>
		<p>Book revealed?</p> <div style="border: 1px solid black; height: 40px; width: 100%;"></div>
<p>Family:</p> <div style="border: 1px solid black; padding: 5px;"><p>Spouse(s):</p> <p>Parents:</p> <p>Siblings:</p> <p>Children:</p></div>		<p>Lessons we can learn from his life/story:</p> <div style="border: 1px solid black; height: 100px; width: 100%;"></div>
		



F. Write the correct meaning against the given 5 pillars of Islam.

Note: Helping boxes are given below

The Five Pillars of Islam

<p>1st Pillar</p>  <p><u>Shahadah</u> Belief and Faith</p>	<p>2nd Pillar</p>  <p><u>Salah</u> Praying</p>	<p>3rd Pillar</p>  <p><u>Zakah</u> Giving charity</p>	<p>4th Pillar</p>  <p><u>Sawm</u> Fasting</p>	<p>5th Pillar</p>  <p><u>Hajj</u> Visit Mecca</p>

The Five Pillars of Islam

<p>This means eating nothing between sunrise and sunset to please Allah and prevent greed</p>	<p>You must do this daily during sunrise, noontime, afternoon, sunset, and evenings.</p>	<p>This is the first duty of a Muslim, and a person becomes a Muslim by saying and believing this</p>	
<p>This pillar describes the process of giving money to those less fortunate</p>	<p>The end of this is celebrated by Eid, a day of joy and thanksgiving to Allah</p>	<p>Muslims believe and say, "There is no god but Allah, Muhammad is the messenger of Allah."</p>	<p>This stops Muslims being selfish and creates love between rich and poor people</p>
<p>Every Muslim is expected to do this once in his life. It is known as the Hajj</p>	<p>Muslims will take this trip every year to the holy city of Mecca</p>	<p>This happens five times a day when, after washing, you kneel towards Mecca.</p>	



Geography

Class: 7th

Section: _____

Name: _____

Roll No.: _____

Q1. Match each layer with its description.

Column 1	Column 2
Ecosphere.	Closer to earth, where almost all weather is created
Ionosphere	mesosphere plus thermosphere reflects radio waves
Mesosphere	farthest from earth, hosts the most satellites
Stratosphere.	Too high for aircraft, but too low for satellites
Thermosphere.	Hosts a few clouds and the ozone layer
Troposphere.	Hosts the space shuttle and some satellites

Q2. What is it?

- a. The layer where jet planes fly
- b. The ultimate gas necessary for all living beings.....
- c. The gas that is filled in balloons
- d. The gas that keeps the process of burning under control.....

Q3. Order the words to discover the layers of the Atmosphere.

H R S P E O P O E R T

E P O E S H R M E S.

P I S N R E O H E O

S E P R A T O H R T E S

S H R E M E O P E R T

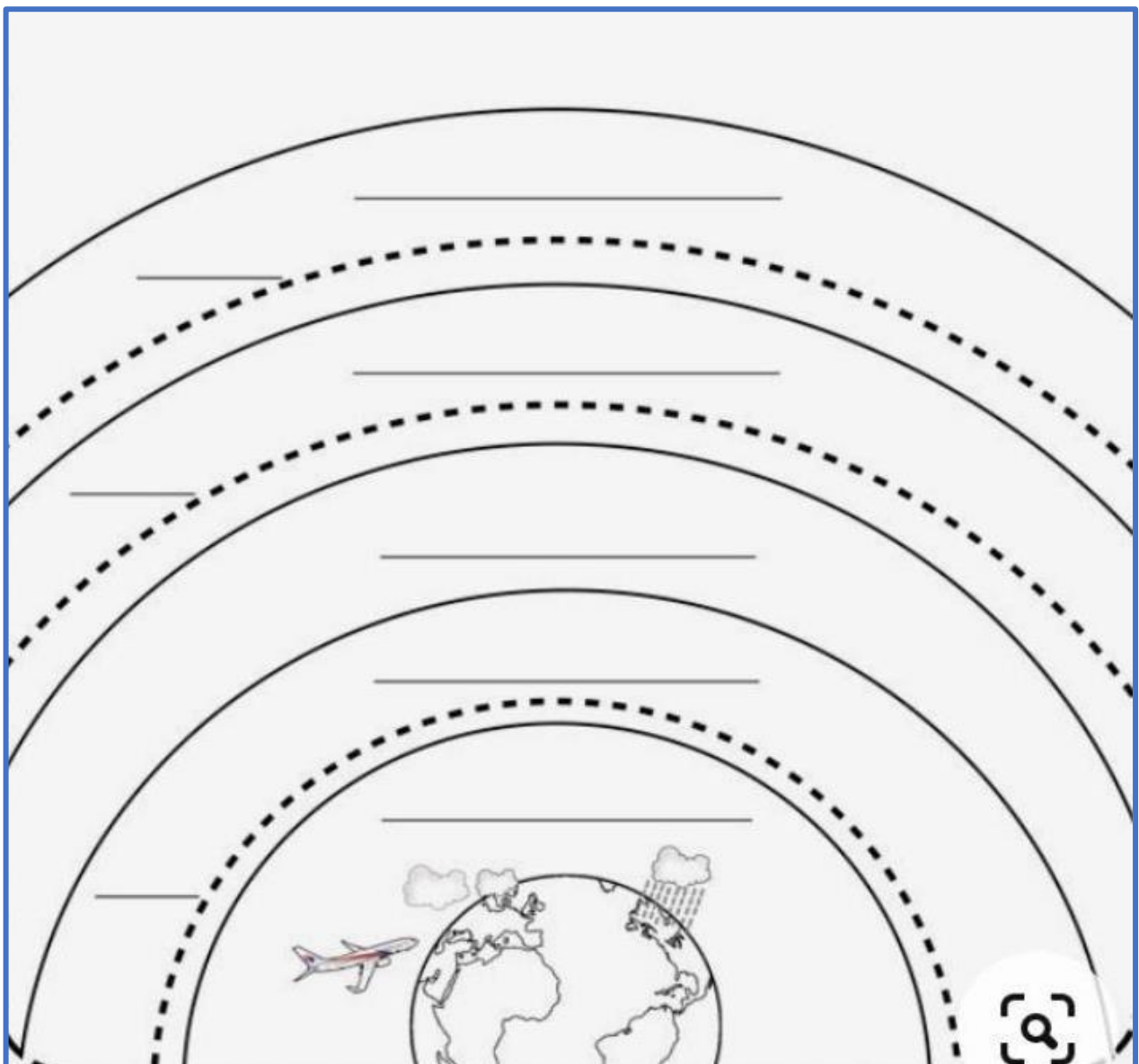


Q4. State true or false.

1. Planes fly in the atmosphere. _____
2. The atmosphere protects us. _____
3. The troposphere is the farthest from the earth. _____
4. The weather happens in stratosphere. _____

Q5. Layer Identification.

Identify the layers of the atmosphere along with their altitudes and specify their important parts.





Q6. Atmosphere layer wordsearch.

Find the terms on the wordsearch and complete the definitions.



_____ a mixture of gases that surrounds the Earth and has five different layers.

_____ the inner layer of gas where the weather phenomena occur.

_____ layer of gas where the ozone layer is and planes flight.

_____ the coldest layer of gas where meteors change into shooting stars.

_____ the hottest layer of gas in which the space station is.

_____ Northern and Southern lights occur in.

_____ the outer layer of gas where weather satellites orbit the Earth.

مضمون: کاثر

جماعت: ستم

ناو: ----- رول نمبر: ----- سیکشن: -----

☆ سوال نمبر (۱)۔ یونہ کنہ دینہ آمتبن لفظن ہندا ملا کر ودرست مناسب آواز نشانیہ استعمال کرتھ:-
عان مانی آسنر چھے سبھاہ ز روری امہ ستر چھ پانہ وانی اطلاق روزان تہ سمط تہ۔ اسہ پز زمین ہنزن کھتن
پٹھ امل کرنی تہ پانہ وانی عان مانی تاوئی۔

(۲)۔ سمٹھ کیا گوو: -----

انی مانی کتھ چھ ونان: -----

اتفاق کیا گوو: -----

(۳)۔ زرناتبن مقابلہ لیکھو مادہ ناوئی:-

(۱)۔ دائد: ----- (۲)۔ کٹھ: ----- (۳)۔ پٹھان: -----

(۴)۔ شال: ----- (۵)۔ مام: ----- (۶)۔ کاندر: -----

(۷)۔ گجر: ----- (۸)۔ لڑکیہ: ----- (۹)۔ پوٹز: -----

(۱۰)۔ بوے: -----

(۴)۔ دوہہ دیش لیکھو اکھا اکھ صفہ صاف صاف Calligraphy قلمہ ستر۔

(۵)۔ سارنہ سبقن ہنر مشق کرو دوہے۔



Arabic

Class: 7th

Section: _____

Name: _____

Roll No.: _____

ايها الطلاب عليكم ان تحفظوا من سورة الاعلى الى سورة الناس



Happy Summer Vacation

