

ST. MARY'S ACADEMY

CLASS 6th

CLASS 6

ENGLISH

ST. MARY'S ACADEMY

CLASS 6th

Name: _____

Section: _____

Subject: English

Worksheet No: 3

Kinds of Noun:

A common noun is a name given to all things or persons of one kind e.g. book, school, teacher etc.

A proper noun is a name given to a particular thing or person; Roger, Saint Mary's, Alia etc.

A collective noun is a name given to a group of similar things or person; a herd of cattle, a bunch of keys etc.

A material noun is a name for something we can see and touch; gold, iron, steel etc.

An abstract noun is the name given to a quality, a state or a concept; love, bravery, fear etc.

Q. 1 Fill in the blanks with the correct noun form.

Wardrobe, silk, crockery, glassware, charity, Taj Mahal, books, Himalayas, weakness, bouquet, Imtiaz Ali Taj, Mr. Bari.

1. This expensive sari is made of the finest _____
2. Cups, saucers and plates are classified as _____
3. She gives a lot of money to _____
4. Reading _____ is my favorite pastime.
5. The _____ is renowned all over the world for its beauty
6. She has a large number of dresses from all over the world in her _____
7. Ovais presented his mother with a beautiful _____ of roses.
8. _____ was a famous Pakistani dramatist.
9. The diamond table looked very attractive with silver cutlery and shimmering _____
10. The old man suffered from _____ he has not eaten for two days.
11. The _____ in the north of India are the largest mountains range in the world
12. _____ is Neha Bari's grandfather.

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Worksheet No: 3-

Question 2:

Match the collective nouns given in the column A with the concrete nouns in the column B.

Column A	Column B
A sheaf of	Oxen
A squadron of	Ministers
A bundle of	Women laborers
A suit of	Fish
A clump of	Locusts
A plague of	Corn
A shawl of	Aero planes
A cooperative of	Fireworks
A cabinet of	Furniture
A drove of	Trees

Read the lesson, "Morning in the desert" page 7 of English an international approach.

Q.1 Find out the meanings of the following words from dictionary

- To awaken
- To jingle
- Cheerfully
- Impatient
- Monsoon
- Scum
- Impurities
- Tunic
- Horizon
- Precious

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Worksheet No: 4-

Q.2 Answer the following questions

1. What does shabanu take with her to the water hole?
2. How does shabanu manage to carry two pots to the water hole?
3. What change will the monsoon bring to the family's way of life?
4. How does shabanu make sure that the water she collects in her pots is clear? Why do you think the water level is so low?

Assessment 1:

Question 1:

From abstract nouns from the following words using the suffixes give.

(Ness, Th, ence, dom, ity, ship)

(8)

Sweet	_____
True	_____
Free	_____
Broad	_____
Obey	_____
Happy	_____
Grow	_____
Real	_____
Friends	_____
Defend	_____
Young	_____
Kind	_____
Member	_____
Strong	_____
Noble	_____

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Worksheet No: 4-

Question 2:

Use the words, to complete the following sentence.

(That, Those, Whose, Who, Which, This, Whom)

1. The first boy _____ the question correctly will get the prize.
2. The table _____ was placed her earlier has been removed.
3. _____ is a neem tree. _____ over there are peepal.
4. To _____ days does this pen belong
5. _____ is the finest paintings he has ever made.
6. _____ which is good is beautiful
7. _____ would like to see her son Getting spoiled by the wrong
8. The nurse _____ was giving you medicine just now is Harry's sister.

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Subject: English

Worksheet No: 4-

Assessment 2:

Question 1:

Match the concrete nouns in the column A with the abstract nouns in the column B.

Column A	Column B
Sugar	Sweetness
Warrior	Hardness
Back	Elasticity
Book	Laughter
Stone	Obstinacy
Mule	Crispness
Rubber	Study
Children	Bravery
Wafers	Stiffness

Question 2:

Change the common nouns to abstract noun.

Judge _____

Patriot _____

Slave _____

Arrive _____

Partner _____

King _____

Thief _____

Hero _____

Boy _____

Mother _____

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Subject: *English*

Worksheet No: 4-

Question 3:

Answer the following questions:

(5)

1. How does shabanu describe the morning key?
2. What do you suppose a goatskin is? What is it used for?
3. Find a word that means getting smaller.
4. What word is used to emphasize how hot the sun is?

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SCIENCE

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Section: _____

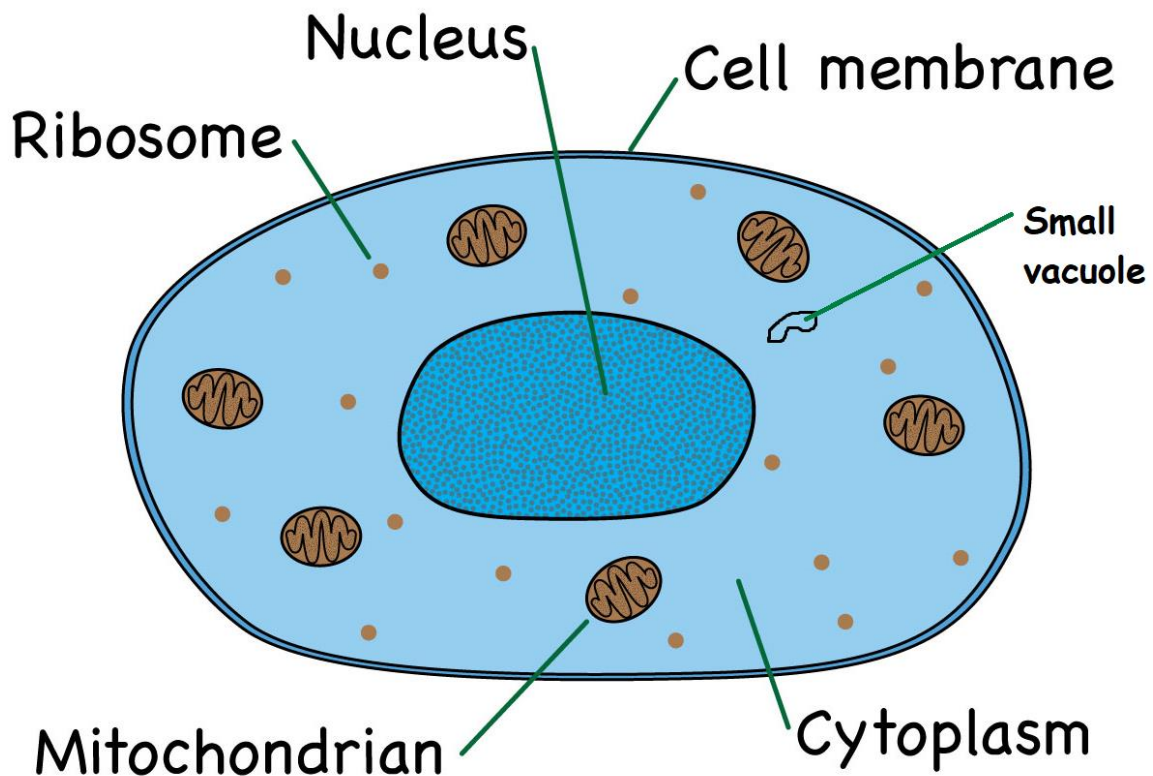
Subject: Science

Worksheet No: 5

Topic: Cells

Structure of Animal Cells:

Simple animal cells have the basic structure shown in the diagram.



An Animal Cell

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Name: _____

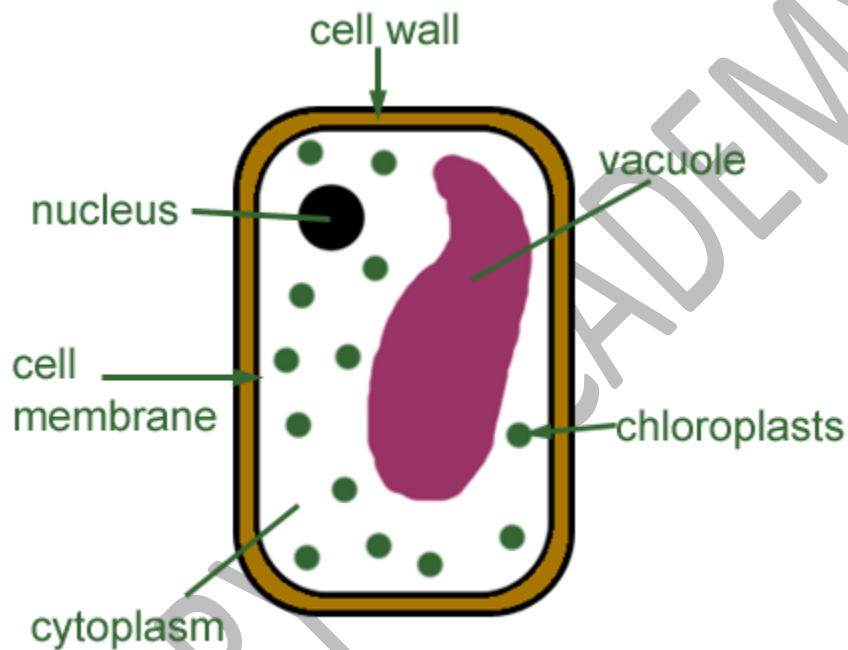
Section: _____

Subject: Science

Worksheet No: 5

Structure of Plant Cells:

Plant cells have the structure shown in the diagram below:



© science aid.co.uk/biology

Animal cells differ from plant cells because:

- They have only a thin cell membrane. They do not have a cell wall.
- They do not have chloroplast or a large and permanent vacuole. However, they may have small vacuoles which only last for a short time.

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Name: _____

Section: _____

Subject: Science

Worksheet No: 5

Question 1:

Which structures do you see in the diagram of the animal cell and also in that of the plant cell?

a. _____

b. _____

c. _____

There are some structures which are found only in plant cells. Which are they?

d. _____

e. _____

f. _____

3. Complete the table below.

	name of the structure	what it looks like	what it does
all cells		dense, round structure	It is the control centre of the cell.
		fluid substance	Everything floats in this.
		thin layer around the skin	It controls what enters and leaves the cell.
plant cells		thicker layer around the cell	It helps the plant cell keep its shape.
		green sphere, most plant cells have many of them	This is where the plant uses light energy to make its food.
		very large structure in the middle, filled with cell sap	Together with the cell wall, the vacuole helps the plant cell to keep its shape.

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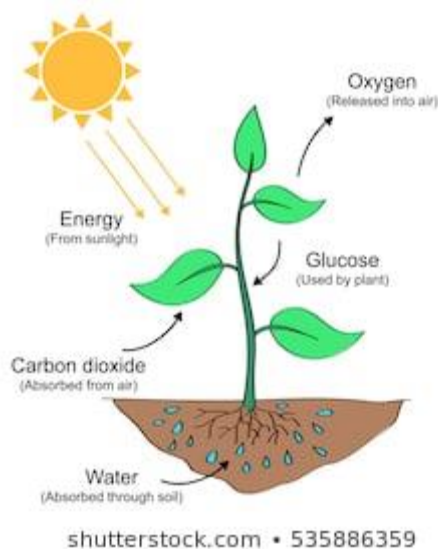
Section: _____

Subject: Science

Worksheet No: 6

Topic: Photosynthesis

The diagram below shows the process of photosynthesis:



Photosynthesis:

It is a chemical process in which plants take in carbon dioxide from the air and water from the soil. They produce glucose and oxygen in the presence of sunlight.

Question 1:

Name the process by which plants make their food.

Question 2:

Glucose is made from carbon, hydrogen, and oxygen. Explain where plants get the carbon from to make glucose.

Question 3:

Two similar green plants were placed under bell jars, as shown in the picture on the right. One was placed in the dark and the other in the light. After a few hours, the air in the jars was tested for oxygen and carbon dioxide. The results are shown in the picture:

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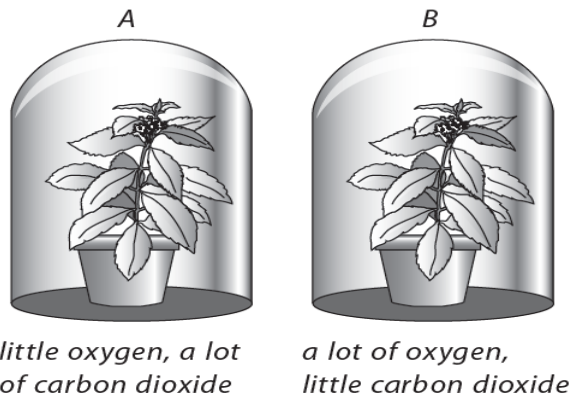
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- i) Which bell jar was placed in the light?

- ii) Explain your answer.

Question 4:

Pervez set up an experiment to investigate photosynthesis and respiration. He set up four test tubes, all the same size. The four test tubes are shown in the picture on the right. The test tubes were sealed to make them completely airtight and placed next to each other on a sunny window sill.

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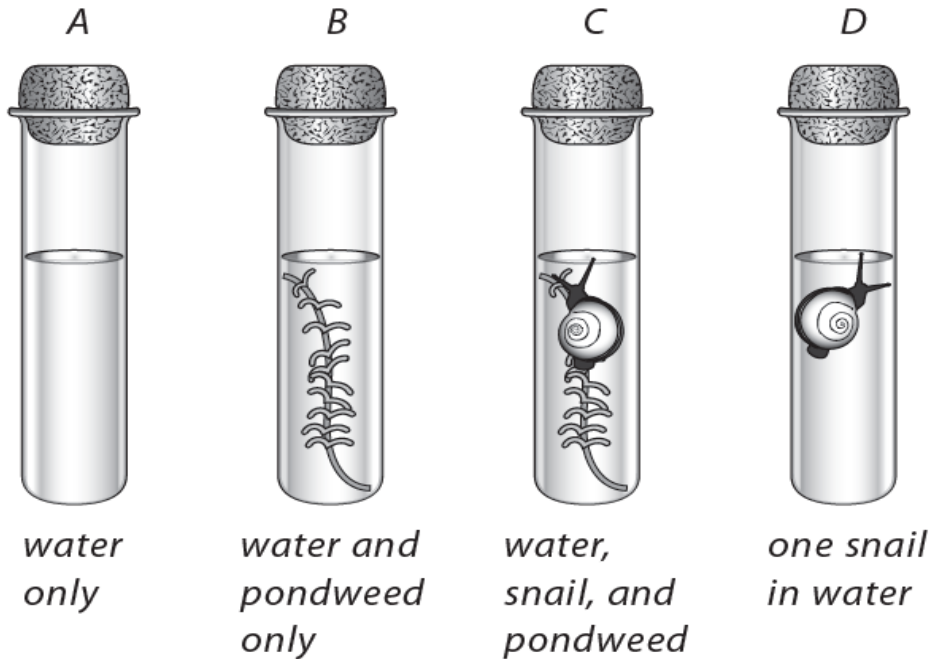
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a) In which test tubes will oxygen be produced?

b) In which test tube will there be the greatest amount of oxygen left over?

c) In which test tube will the snail be able to live the longest?

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Assessment

Question 1:

Fill in the blanks.

1. Red blood cells carry _____ around the body in the blood.
2. _____ cells carry messages around the body.
3. Cell wall is present only in the _____ cells.
4. The _____ system breaks down food materials into a form that can be absorbed into the blood.
5. Organisms which consist of only one cell are called _____ cells.

Question 2:

Circle the correct answer.

1. What is the main difference between plant and animal cells?

(A) Plant cells have a nucleus, animal cells do not.

(B) Animal cells move about. (C)

Plant cells have a cell wall which is easily seen.

(D) Animal cells are always bigger

2. Which one of the following substances in a cell traps sunlight?

(A) Cytoplasm

(B) cell sap

(C) Cellulose

(D) chlorophyll

3. The job of the cell membrane is to:

(A) Give a plant cell its shape

(B) control what happens inside the Cell

(C) Control what substances go into and out of the cell

(D) stop water entering the cell

4. The job of the cell wall in a plant is to:

(A) Control what substances go into and out of the cell

(B) give a plant cell its shape

(C) Allow photosynthesis to happen

(D) store food for the plant

5. What sort of structure is the heart?

(A) A tissue

(B) an organ

(C) an organ system

(D) a group of cells

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Question 3:

Match the columns.

A

Leaves

Cell wall

Red blood cells

Unicellular

Heart

B

Single celled

Organ

Plant cell

Carry oxygen

Photosynthesis

Question 4:

Draw a labelled diagram of an Animal cell.

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Question 5:

Keeping in view the current situation (Covid 19), make your own slogan to protect yourselves and your dear ones.

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MATHS

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Name: _____

Section: _____

Subject: *MATHS*

ASSESSMENT No: 1

1. Write all prime numbers from 20 to 80.
2. Are the numbers given below divisible by 3, 7 and 9.
Give reasons.

a. 731

b. 248

c. 575

d. 234

3. Write first 6 multiples of:

a. 3

b. 13

c. 15

4. Write all factors of:

a. 4

b. 24

c. 45

d. 63

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Section: _____

Subject: *MATHS*

WORKSHEET No: 5

Prime numbers: A number that can only be divided by the number 1 and itself for example 2,3,5.

Prime factorization: The process of expressing a composite number as a product of its prime factors is called prime factorization.

b)

Example:

2	36
2	18
3	9
3	3
	1

2	48
2	24
2	12
2	6
3	3
	1

$$36 = 2 \times 2 \times 3 \times 3$$

$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

Index notation: In general $a \times a \times a \times a \dots \times a$ is written as a^n and is read as a to the power of n .

Example:

2	36
2	18
3	9
3	3
	1

2	48
2	24
2	12
2	6
3	3
	1

$$36 = 2 \times 2 \times 3 \times 3$$

$$48 = 2 \times 2 \times 2 \times 2 \times 3$$

$$36 = 2^2 \times 3^2$$

$$48 = 2^4 \times 3$$

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Name: _____

Section: _____

Subject: *MATHS*

ASSESSMENT No: 1

1. Find prime factorization of each of the following numbers and write your answers in index notation form.

a. 72

b. 60

c. 126

d. 539

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Section: _____

Subject: *MATHS*

WORKSHEET No: 6

HCF: HCF stands for Highest Common Factor. There are two methods:

- Listing method
- By prime factorization

Division method: For example, find HCF of 24 and 15 by division method.

2	24, 15
2	12, 15
2	6, 15
3	3, 15
5	1, 5
	1, 1

$$\text{HCF} = 2 \times 2 \times 2 \times 3 \times 5 = 120$$

1. Find the highest common factor of 56 and 84 by dividing method.

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WORKSHEET No: 6

2. Find the largest common factor 28 and 70.

3. Find the HCF of 150 and 225 by division method.

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Subject: *MATHS*

WORKSHEET No: 7

HCF by prime factorization:

For example, find HCF of 64 and 80 by prime factorization.

2	64
2	32
2	16
2	8
2	4
2	2
	1

2	80
2	40
2	20
2	10
5	5
	1

$$64 = 2 \times 2 \times 2 \times 2 \times 2 \times 2$$

$$80 = 2 \times 2 \times 2 \times 2 \times 5$$

$$\text{HCF} = 2 \times 2 \times 2 \times 2 = 16$$

1. Find HCF of 72, 90.

2. Find the HCF of 24, 15.

3. Find HCF of 50 and 75

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URDU

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Name: _____

Section: _____

Subject: URDU

عنوان (محنت)

س۔ درج ذیل عبارت کا بغور مطالعہ کریں اور دیے گئے سوالات کے جوابات دیجئے
دنیا میں ہر کام کے لیے حرکت طاقت اور قوت کی ضرورت ہے۔ کام کی
انجام دہی محنت کہلاتی ہے۔ دنیا کی تمام تر خوبصورتی، پائیداری، محنت اور مشقت
ہی کی بدولت ہے۔ محنت اس کائنات کا ایسا اصول ہے جس پر عمل کی بنیاد
پر انسان کو زندگی کے ہر شعبے میں ثمرات میسر آتے ہیں۔ خود خالق کائنات
نے بھی بڑے واضح الفاظ میں فرما دیا ہے کہ انسان کو وہی کچھ ملے گا جس
کے لیے وہ محنت کرے گا۔ گویا مذہبی اعتبار سے بھی ایک کاہل، بے عمل اور بے عمل
انسان معاشرے کے لیے قابل قبول نہیں۔

کام کی انجام دہی کیا کہلاتی ہے؟

دنیا میں ہر کام کے لیے کس چیز کی ضرورت ہوتی؟

انسان کو کامیابی کے لیے کس چیز کی ضرورت ہوتی ہے؟

مذہبی اعتبار سے کس قسم کا انسان معاشرے کے لیے قابل قبول نہیں؟

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س۔ درج ذیل الفاظ کو جملوں میں استعمال کیجیے۔
کابل۔ مشقت۔ ذلت۔ شہرت۔

س۔ درج ذیل الفاظ کی جمع لکھیں۔
عیب۔ مثال۔ ثمر۔ دکان۔ فرد۔
س۔ درج ذیل الفاظ کے متضاد لکھیے۔
حرکت۔ طاقت۔ خالق۔ شہرت

س۔ ایک پیرا گراف لکھ کر محنت کی اہمیت سے متعارف کروائیے۔

ST.M.

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س۔ حروف فجائیہ سے کیا مراد ہے؟
ج۔ وہ خاص الفاظ جو جوش یا جذبات کی وجہ سے بے ساختہ زبان سے ادا ہوتے
ہیں؛ انہیں حروف فجائیہ کہا جاتا ہے۔ مختلف جذبات اور تاثرات کے لیے
مختلف الفاظ استعمال کیے جاتے ہیں۔ مثال کے طور پر
(خوشی کے لیے اہا سبحان اللہ۔ ماشا اللہ۔)
(افسوس کے لیے ہائے ہائے۔ اف۔)
(حیرت کے لیے اللہ اللہ۔ سبحان اللہ۔)
(تحسین و تعریف کے لیے شاہاش۔ واہ واہ۔)

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س۔ درج ذیل اشعار خوش خط لکھیے۔

مشقت کی ذلت جنھوں نے اٹھای
جہاں میں ملی ان کو آخر بڑائی۔

س۔ پرنسپل صاحب کے نام بیماری کی درخواست لکھ کر رخصت حاصل کریں۔

س۔ ہم آواز الفاظ کو ہم قافیہ بھی کہا جاتا ہے۔ مندرجہ ذیل اشعار سے ہم قافیہ
الفاظ الگ کیجیے۔

اس پرچم کے سائے تلے ہم ایک ہیں
سناجھی اپنی خوشیاں اور غم ایک ہیں ہم ایک ہیں،
اس پرچم کے سائے تلے ہم ایک ہیں
ج۔

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ورک شیٹ نمبر ۲۔

نظم (ہم ایک ہیں)

ایک چمن کے پھول ہیں سارے ایک گگن کے تارے
ایک سمندر میں گرتے ہیں سب دریاؤں کے دھارے
جدا جدا ہیں لہریں سرگم ایک ہیں ہم ایک ہیں
اس پرچم کے سائے تلے ہم ایک ہیں ہم ایک ہیں

س۔ ہم کس کے سائے تلے ایک ہیں؟

س۔ دریاؤں کے دھارے کہاں گرتے ہیں؟

س۔ جدا جدا کیا چیز ہے؟

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س۔ درج ذیل الفاظ کے مترادف لکھیں۔

آرزو۔ سہارا۔ چمن۔ بن۔ بہادر۔

س۔ اپنے وطن کے دلکش مقامات کے نام لکھیے۔

س۔ درج ذیل الفاظ کے واحد کے جمع اور جمع کے واحد لکھیے۔

کھیتیاں۔ ندیاں۔ وادیاں۔ تارا۔ اشارا۔ ملت۔

(قومی نظم) تعریف۔

ایسی نظم جس میں ملک و قوم کے ساتھ محبت کا اظہار ہو۔ اسے قومی نظم کہتے ہیں۔۔

پاکستان کے لوگوں کی مرغوب غذا کون سی ہے؟

پاکستان کے لوگ دال چاول اور روٹی شوق سے کھاتے ہیں۔

پاکستان کا قومی کھیل کون سا ہے؟

پاکستان کا قومی کھیل ہاکی ہے۔

پاکستان کا قومی پھول کون سا ہے؟

پاکستان کا قومی پھول چنبیلی ہے۔

درج بالا عبارت کے سوال و جواب دو دو دفعہ تحریر کیجیے۔

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جا نزه شیٹ

س۔ درج ذیل خالی جگہیں مناسب الفاظ کی مدد سے پر کریں۔

۱۔ ایک چمن کے --- ہیں سارے ایک --- کے تارے

۲۔ ایک سمندر میں گرتے ہیں سب دریاؤں کے ---

۳۔ جدا جدا ہیں لہریں --- ایک ہے ہم ایک ہیں

اس پرچم کے سائے تلے ہم --- ہیں ہم ایک --

س۔ مندرجہ بالا اشعار کون سی نظم سے لیے گئے ہیں۔ نظم کا نام لکھیے۔

ج۔

س۔ ایک پیراگراف لکھ کر اپنے وطن پاکستان سے متعارف کروائیں۔

س۔ قومی نظم کسے کہتے ہیں؟

س۔ قومی پرچم کی تصویر لگائیں؟

س۔ قومی پرچم کے بارے میں اپنے خیالات کا اظہار کریں؟