

[Dear Students, preserve all your written work safely in a file for your teachers to check once the school reopens. Take care and be safe. In Sha Allah will see you soon. Best wishes from all the teachers of Class VI]

CLASS VI (MATHEMATICS); SECOND SEMESTER; REVISION WORKSHEET- 4

1. An elastic band is 72 cm long, is stretched to 90 cm. Find the percentage increase in its length.
2. After an increase of 5%, Sharif's monthly salary becomes \$2205. Find her original monthly salary.
3. During a sale, there is a discount of 7% on a television set. If the discount is \$49, find (i) the marked price, (ii) the sale price, of the television set.
4. A train travels 16.8 km in 25 minutes. Find the speed of the train in (i) km/h ; (ii) m/s
5. A man pays a total of \$4800 in flat rental for 3 months. Find his yearly rental amount.

6. Solve each of the following equations:

(a) $3x - 2 = -x + 14$

(b) $2(3y + 5) - 7(y - 4) = 13$

(c) $\frac{5}{2}y - 5 = \frac{2}{3}y - 3 - \frac{1}{2}$

(d) If $\frac{3x-5y}{7x-4y} = \frac{3}{4}$, find the value of $\frac{x}{y}$

(e) If $\frac{m(ny - x^2)}{z} + n = 5n$, find the value of y when $m = 6$, $n = 4$, $x = 2$ and $z = 8$.

(f) The sum of the ages of Ahnaf and his cousin is 38. Seven years ago, Ahnaf was thrice as old as his cousin. Find Ahnaf's present age.

7. a) (i) Find the sum of interior angles of a regular heptagon. (ii) Hence, find the size of each interior angle of regular heptagon.

8. Find the number of sides of a regular polygon if each exterior angle of the polygon is 12° .

9. Construct an angle of 60° .

10. Construct a perpendicular from a given point to a given line.

Class VI: English Literature

1. Write one synonym for the words given below:

1.comical		4.peculiar	
2.hurl		5.mutiny	
3.petrified		6.sweltering	

2. Make sensible and interesting sentences with the words given below:

1.undiscovered: _____

2.enchant: _____

3.curious: _____

3. Identify who said the following statements to whom and about what. (Do in your copy)

a. "Our plan cannot succeed if we do not have the noble Brutus on our side."

b. "As he was valiant, I honour him but as he was ambitious I killed him."

4. Answer the following questions briefly:

1. Where does the brook come from?

Ans: _____

2. Where did Mary's parents send her?

Ans: _____

3. Give an example of asyndeton.

Ans: _____

Standard VI English Language

Revision Worksheet

1. Write an application to the Principal of your school to allow you to change your section.

2. Write an essay on “Should the usage of mobile be banned for the school students?”

3. Write at least one synonym and One antonym from the following words:

1. Panting
2. Accentuate
3. Leverage
4. Apparently
5. Snag
6. Dangle
7. Congregate
8. Exalt
9. Bask
10. Gallantly

4. Make sensible sentences with the following words:

1. Miserable
2. Twisted
3. Awful
4. Whine
5. Eerily
6. Restless
7. Pouring
8. Pacing
9. Unusual
10. Grab

Bengali I: Revision Work

ক) শব্দার্থ লিখ:

১. সম্বল।
২. পুনরায়।
৩. নিষ্কৃতি।
৪. জাত-বেজাত।
৫. হুবহু।

খ) বাক্য রচনা কর:

১. হরহামেশা।
২. চাঁদয়া।
৩. সর্বঙ্গ।
৪. তড়ঘড়ি।
৫. ক্যরাভান

১. ব্যাখ্যা লিখ:

ক) "ফেরেশতা হইলেন আল্লাহর দূত। আল্লাহর হুকুমে তাঁহারা সকল কাজ করিয়া থাকেন।"

২. সংক্ষিপ্ত উত্তর দাও:

ক) 'সততার পুরস্কার গল্পে কতজন ইহুদি বংশের লোক ছিলেন এবং তাদের কি দুঃখ ছিলো?

খ) স্বর্গীয় দূত মানুষের ছদ্মবেশ ধারণ করেছিলেন কেন?

STD VI PHYSICS- REVISION WORKSHEET II
CHAPTER-3 “ENERGY CALCULATIONS”

Fill in the blanks with appropriate words:

1. Gravitational energy is the energy that an object has due to its in a gravitational field.
2. energy is the energy an object has due to motion.
3. A man running up a hill has energy. When he reaches the top, this energy becomes converted to energy.
4. Water stored high up in a dam has energy. When the water is released it falls with energy.
5. When work is done, all of the energy is converted from one form to another, assuming no energy is
6. Energy is lost during work done, in the form of due to friction.
7. is a measurement of how useful a system is.
8. A useful system produces less during conversion of energy.
9. Efficiency is defined as the ratio of useful energy to the total energy
10. is the rate of change of work done.

CHAPTER-7 “ATOMS AND NUCLEI”

A. Fill in the blanks with appropriate words:

1. An atom has a tiny nucleus made up of and, with in orbit.
2. Electrons have almost no compared with protons and neutrons.
3. Electrons and protons have electric, but of opposite types.
4. Normally, an atom has the same number of electrons as protons, resulting in an overall charge of
5. The proton number of an atom is also called the number.
6. The total number of protons plus neutrons in the nucleus is called the number or the number.
7. are different versions of the same element.
8. Isotopes have the same numbers but different numbers.

B. Fill in the gaps with appropriate words:

Date	Event
<ul style="list-style-type: none"> • 1897 	J.J Thomson discovered that could give out tiny charged particles which he called electrons. Since atoms are there must be positive charges to the negatives ones. He suggested the “.....” model of an atom.
<ul style="list-style-type: none"> • 1911 conducted the “gold foil” experiment and concluded that atoms have a..... where all the mass and the charges are concentrated. orbit the nucleus.
<ul style="list-style-type: none"> • 1913 modified Rutherford’s atomic model and suggested that electrons orbit the nucleus in different
<ul style="list-style-type: none"> • 1919 	Rutherford discovered that the charges could be knocked out of the nucleus. The positive charges were named
<ul style="list-style-type: none"> • 1932 found that the nucleus also contained particles which he name neutrons.

Chemistry (Class VI): Revision Worksheet 5

Name: _____ Sec: _____ Roll: _____ Date: _____

Q1. Write whether the statement is 'True' or 'False'. If false, correct the statement and rewrite.

a) Chlorine was used as a poison gas in World War 2. ()

b) Iodine exists as shiny dark black crystals. ()

c) Halogen means gas producer. ()

d) Halogen is an Italian word. ()

Q2. a) Write down two properties of transition metals.

i) _____

ii) _____

b) Give one example of transition metal: _____

Q3. Draw diagrams to show the structural differences between metal and non- metal. (To be done in C/W copy). Label and color the diagrams.

Biology: Revision Worksheet 5

Q1. Fill in the blanks with appropriate word/s:

- a) _____ anchor a plant in a soil.
- b) The fertilized female cone produces _____.
- c) _____ is known as the leaf maker.
- d) Leaves are thin so _____ can reach inner cells easily.
- e) _____ means making things with light.

Q2. Write down two differences between Monocotyledons and Dicotyledons.

Monocotyledons	Dicotyledons
1.	1.
2.	2.

Q3. What is a limiting factor? How many limiting factors do Photosynthesis have? What are they?

Q4. With diagram explain how photosynthesis take place in leaf. Label and color the diagram.

[Q/A should be done separately and attached to it]

Class VI (History): Revision worksheet

Mongolia, Voyages of Discovery

1. Correct the following statements

a. The history of Mongolian life dates back hundreds of years ago.

b. Genghis Khan was born around 1212 BC

c. Spanish and Portuguese could cut trade routes between Europe and Asia.

d. Cotton, perfumes and jewels were exported from China.

e. Europeans found new things about ships and sailing from the Indians.

f. The first voyages of discovery was made by Italy and Greece.

g. In 1519 Vasco da Gama sailed from Portugal with three ships and 234 men.

h. English sailor Francis Drake claimed Mexico for Queen Elizabeth II.

Conquistadores, Effects of Voyages of Discovery I&II

1. Show the Inca and Aztec empires during the Spanish invasion, give keys for the map



2. Complete the table below:

Date	Event
1492	
1519	
	Coffee and tea were first drunk in Europe
1521	
1532	
1571	

B.STUDIES -VI REVISION WORKSHEET

ON NATURAL RESOURCES OF BANGLADESH, PORTS OF BANGLADESH & RIGHTS AND DUTIES OF A CITIZEN

1. Fill in the blanks:-

- a] About 80% of the cultivable land in Bangladesh is used for growing _____ .
- b] The British rulers initiated the _____ trades in the hills of Sylhet and Chittagong Hill Tract.
- c] Rights to earn a living by lawful work are called _____ rights.
- d] Bangladesh is one of the fastest growing economies of _____ .
- e] Bangladesh is crisscrossed by _____ , that is why inland _____ transport important mode of transport for _____ and _____ .

2. Fill up the following chart:

Date	Event
1910	
1954	
1980	
2001	

3. Answer the following questions:-

- a] What are the elections held in Bangladesh?
- b] Write about the Burimari Land Port in Bangladesh.
- c] How a domestic market for tea has been created in Bangladesh?

4. Write the uses of the following trees:-

- i) Jarul and Garjon, ii) Bamboo, iii) Shal (or Sal)

Computer Science Revision worksheet: Mail Merge

Fill in the blanks.

1. In Mail Merge a _____ document has the body of the letter with placeholders for the variable information.
2. In mail merge _____ document holds the variable information.
3. Each field name in the data source should be _____.
4. To set up the main document, under Select document type, click _____.
5. Main document contains the text which is _____ for all the documents.

What is mail merge? Write the basic steps of mail merge in short.

How to set up the main document for mail merge process?