



# The New English Private School (NEPS)

Tel. ■ NEPS 1: 011 320 57 20 NEPS: 2 0113 83 72 10 NEPS 3: 011 384 70 50

NEPS 4: 011 384 70 07 NEPS 5: 011 369 25 35

www.NEPschool.edu.et P.O.Box 18609 Addis Ababa Ethiopia

Name \_\_\_\_\_ Date: \_\_\_\_\_ Subject Physics  
Review worksheet Quarter: 3 Grade:8 Section \_\_\_\_\_ Teacher's Name: Mr Ermias A

## I. EXPLAIN AND DEFINE THE FOLLOWING QUESTION.NEATNESS COUNY.

1. If you consider a current to be positive charge that flows from the positive to the negative terminal of a battery you are using which type of electric flow?

\_\_\_\_\_

2. What is the electromotive force (EMF)?

\_\_\_\_\_

3. What is electric circuit?

\_\_\_\_\_

4. What are the four important element of the electric circuit?

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. Write some effect of electric current?

\_\_\_\_\_

6. Substance can be classified in three category conductivity write them?

\_\_\_\_\_

\_\_\_\_\_

7. What are the factor that affect the resistance of a conductor?

\_\_\_\_\_

\_\_\_\_\_

8. What are the procedure of the measuring of electric current?

\_\_\_\_\_

\_\_\_\_\_

9. What is electrostatics?

\_\_\_\_\_

\_\_\_\_\_

10. Write about.

a. Voltmeter

b. Ohm meter

c. Voltmeter

**II. Work out the following problem step and neatness counts.**

1. How much charge pass through the wire if a steady current of 5A flows in a wire connected to a battery after 1 minute?
2. What is the current of a circuit that has 3V and  $0.5\Omega$  of resistance?
3. What constant current is transferred when a charge of 120C pass through a conductor in 1minute?
4. What is the resistance of a lamp that draws 0.5A current when a connected to 4V dry cell?

**Submission date; - Friday, March 27,2020**

**Parents/Guardians signature**\_\_\_\_\_