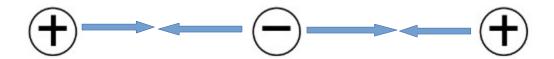
Name: Lito J. Libradilla	Yr. & Sec.: Grade 12 – STEM Asclepius
Subject Code: STEM07	Subject Title: General Physics 2
Module No: 01	Topic: Electric Charges

## IV. WE'RE ON OUR WAY

Quiz no. 1.1 – Problems.

Direction: Solve the following problems as directed. You may show your solution on a separate sheet of paper. (5 Points)

1. How would you draw the electric field lines given the test charges below:



## V. HOW FAR HAVE WE GONE?

Quiz no 1.2 – Multiple Choice.

Directions: Choose the letter of your answer.

- C\_1. Two unlike charges\_\_\_\_\_
- a. attract each other
- b. repel each other
- c. neutralize each other
- d. have no effect on each other
- <u>D</u>2. Which of the following is not a process of charging?
- a. Induction
- b. Friction
- c. Conduction
- d. Convection
- <u>A</u> 3. Material A is positively charged. When brought near to material B, they attract. Which of the following is true?
- a. Material B is negatively charged
- b. Material B is positively charged
- c. Material B is uncharged
- d. Both are uncharged
- <u>B</u> 4. Material B has become positively charged after rubbing it with Material A. Which of the following statements is correct?
- a. Material B loses protons
- b. Material B gains electrons
- c. Material A loses proton
- d. Material A gains electron

C\_5. What will happen when two unlike charges are brought together? They will \_\_\_\_\_

- a. repel each other
- b. neutralize each other
- c. attract each other
- d. no effect each other

## WALKING AN EXTRA MILE

Draw the three subatomic particles in an atom set up. The atom diagram must involve the signs and label its particles.