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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

D 2. Which of the following is not a process of charging?

- a. Induction
- b. Friction
- c. Conduction
- d. Convection

A 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

B 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.