



Al Sharq Bright International School

Model Paper for Final Exam 2017-2018

Name: _____ Subject: Science Class: 7___ Date: _____

Part – 1

A. Multiple choice questions:

1. The smallest particle of a substance is called
a) molecule b) atom c) an element d) a compound
2. Which of these is respiratory organ of insects?
a) nose b) gills c) spiracles d) lungs
3. Which one of the following is not used as an indicator?
a) vinegar b) litmus c) phenolphthalein d) methyl orange
4. The climate of a place depends on
a) latitude b) height above sea level c) distance from the sea d) all of these

B. Fill in the blanks:

1. Copper sulphate is blue and acquires _____ colour when iron filings are dropped into it.
2. _____ are sour in taste.
3. A mirror forms a _____ image.
4. _____ are covered up to their feet with feathers.

C. Write True or False:

1. Vinegar is found in commonly packaged food item such as pickles, sauce, etc. _____
2. A convex mirror forms only real images. _____

3. Plants respire through lungs. _____

4. Places near the sea coast generally have a lower humidity than places far away from the sea. _____

D. Match the following:

- | | |
|--------------|---------|
| 1. Spiracles | Ba |
| 2. Barium | insects |
| 3. Gills | K |
| 4. Potassium | fish |
| | Na |

Part – 2

E. Write one word for the following:

1. The intake of air rich in oxygen- _____

2. Air holes in insects- _____

F. Write the symbols for the following:

1. Aluminum _____ 2. Fluorine _____

G. Define the following terms:

1. Concentrated acid

2. Weather

Part – 3

H. Answer briefly:

1. What is valency?

2. Define angle of inclination.

I. Answer in detail:

1. What are crystals? How can the crystals of sodium chloride be prepared from common salt?
2. With the help of a labelled diagram, describe the respiratory system in humans?

Part – 4

J. Draw parallel rays falling on a convex lens to converge at a point:

Note: This is just a model, not the exam paper.