

Department of technology

full name.....Yenne G.P......

Grade: fourth year student

Module: English

Questions

Part one: (10pts)

1/ name the three characteristics of each state of matter? (3pts)

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2/translate the following terms into Arabic (4pts)

1/ rustiness.....

2/gas injections.....

3/dew point.....

4/dilution law.....

3/match the following words with their right definition (3pts)

words	definition
1/rate law	a/is when a gas moves through an opening into a low-pressure container.
2/accuracy	b/ is a mathematical expression relating the speed of a chemical reaction as a function of concentration.
3/effusion	c/ is a measure of how close a measured value is to its true value.

Part two: (10pts)

1/ cross the odd word out if there is to the following words (4pts)

1/substance: material, matter, item.

2/reaction: feedback, response, answer.

3/bond: ligament, chain, split.

4/solid: rigid, stiff, firm

2/fill in the gaps using the right word (6pts)

Atom- bonds- circles- substance- nucleus- electrons- solution

Molecules consist of one or more atoms bound together by covalent Atoms may be depicted by circle shapes, each of which has a nucleus at the center, surrounded by one or more concentric representing the 'shells' or 'levels' in which the surrounding the of the are located and markings indicating the electron at each level. A molecule is the smallest thing a can be divided into while remaining the same substance. It is made up of two or more atoms that are bound together by chemical bonding.

Correction of the exam (chemical engineering)

Part one:(10pts)

1/ the three characteristic of the three state of matter are: (3pts)

Solid: rigid, fixed shape, fixed volume.

Liquid: not rigid, no fixed shape, fixed volume.

Gas: not rigid, no fixed shape, no fixed volume.

2/translation of terms (4pts)

1/rustiness→الصدأ

2/gas injection→حقن الغاز

3/dew point→نقطة الندى

4/dilution law→قانون التخفيف

3/ words matching (3pts)

1/effusion is when a gas moves through an opening into a low-pressure container

2/rate law→ is a mathematical expression relating the speed of a chemical reaction as a function of concentration.

3/accuracy→ is a measure of how close a measured value is to its true value.

Part two: (10pts)

1/ fill in the gaps (6pts)

1/bonds

2/circles

3/electrons

4/nucleus

5/atom

6/ substance

2/crossing the odd word to the following words (4pts)

1/substance= matter, item, material
answer

2/reaction= response, feedback,

3/bond= ligament, chain

4/solid= stiff, firm, rigid