

Quiz 1

CHE-111 Physical Chemistry



Name

Outcome A

I.D. No.

Outcome N

Date: 03/02/2019 (28/05/1440 H)

Total Marks-5

Time : 15 minutes

Qn. 1 Which one of the following is not fundamental SI unit-

- a. Meter
- b. Pascal
- c. kelvin
- d. Mole

Qn. 2 Which one of the following is not derived unit-

- a. Joule
- b. Newton
- c. Watt
- d. Gram
- e. None of the above

Qn. 3 If the unit of density in SI system is Kilogram per cubic meter, then what will be unit of density in American Engineering (AE) system-

- a. Pound force
- b. Foot Pound force
- c. Feet per second square
- d. Pound per cubic foot

Qn. 4 Thermodynamics is the study of -

- a. Energy change associated with chemical energy
- b. Rate of the reaction
- c. Study of energy and its transformation
- d. All of the above

Qn. 5 In a mixture of non-reacting gases the total pressure in a container is the sum of the partial pressure of individual gases. This law is known as-

- a. Boyle's law
- b. Charle's law
- c. Gay-Lussac's law
- d. Dalton's law

Qn. 6 10 atmospheric pressure is equal to-

- a. 100 bar
- b. 10 mm Hg
- c. 10 pascal
- d. 7600 torr
- e. All of the above

Qn. 7 Convert 0 °K to °C-

- a. 273 °C
- b. -273 °C
- c. 0 °C
- d. 0 °K

Qn.8 Convert 11005 mg to g.

Qn. 9 Convert 6000 μ L to L

Qn. 10

5.00 L of a gas is collected at 22.0°C and 745.0 mmHg. When the temperature is changed to standard, what is the new pressure?