

EHS403

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1. _____ are very unstable and some chemicals that can form them are commonly used in laboratories.

--->> Peroxides

Carbon

Hydrogen gas

None of the above

2. To avoid exposure in the lab, the following are common PPEs except _____

Handgloves

Mask/Shields

Gown/aprons

--->> Hand Sanitizers

3. _____ are safety devices, used to contain chemicals with long-term exposure hazards.

Chemical cupboard

Glass container

--->> Fume hoods

eye shields

4. _____ play an important role in the correctness of an experiment in the laboratory

--->> Reagents

water analysis

A & B

None of the above

5. Which of the following best describe exposure to toxic chemicals during laboratory analysis

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Inhalation

Ingestion

--->> All the above

6. _____ provides the means of monitoring, recording and controlling a process to maintain it at a desired state.

--->> Instrumentation

Calibration

A & B

Lab assessment

7. ___ is used in thermodynamic calculations where a temperature independent unit of concentration is needed

Molarity

Osmolarity

--->> Molality

None of the above

8. Commercial concentrated Tetraoxosulphate (VI) acid, H_2SO_4 is approximately

--->> 18 molars

20 molards

22 molars

24 molars

9. _____ is a solution of known concentration e.g., 0.5 Molar H_2SO_4

Molar solution

--->> Standard solution

A & B

None of the above

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Air analysis

water analysis

Soil analysis

--->> All the above

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