MANITOBA CHEMISTRY 40S · UNIT F · 10 QUESTIONS

Oxidation-Reduction Reactions and Electrochemistry — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **A sample of ammonia has amount 5 moles and molar mass 17 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A sample of oxygen has amount 3 moles and molar mass 32 grams per mole. Its mass, in grams, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A sample of nitrogen has mass 84 grams. Its molar mass is 28 grams per mole. The amount, in moles, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **A solution has 3 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A solution has 4 moles of solute in 1 litres. Its concentration, in moles per litre, is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The powerhouse of the cell, where energy is released, is the**

A nucleus

B ribosome

C mitochondrion

D vacuole

Understand It with Pulse | Flag a mistake

7 **The control centre of the cell, holding genetic material, is the**

A mitochondrion

B chloroplast

C membrane

D nucleus

Understand It with Pulse | Flag a mistake

8 **The organelle where photosynthesis happens in plant cells is the**

A chloroplast

B mitochondrion

C nucleus

D vacuole

Understand It with Pulse | Flag a mistake

9 **The basic unit of life is the**

A organ

B cell

C tissue

D organism

Understand It with Pulse | Flag a mistake

10 **The process by which plants make food using sunlight is**

A respiration

B fermentation

C photosynthesis

D digestion

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	85	**5.**	4	**9.**	B
2.	96	**6.**	C	**10.**	C
3.	3	**7.**	D		
4.	3	**8.**	A		

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