



**UNITY TRAINING**  
ACADEMY FOR DDCET

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Practice **Set 1** Solution

## Chemistry, English & **COMPUTER PRACTICE**

### Topics :

Chemical Equations: Writing a Chemical Equation, Balanced Chemical Equations, Types of Chemical Reactions: Combination Reaction, Decomposition Reaction, Displacement Reaction, Double Displacement Reaction, Correction of Incorrect Words and Sentences, Basics of Computer System, Introduction to Internet HTML, Using MS - Word/MS-Excel/MS-Power Point

**DDCET final exam weightage of this topic : 13 Questions ( 26 Marks )**

**Total Practice sets  
of this topic :**

**15 ( sets ) x 30 ( questions ) = 450 Questions**

**Total Practice tests  
of this topic :**

**5 ( exams ) x 20 ( questions ) = 100 Questions**

**Offline / Online  
during lecture :**

**4 ( lectures ) X 50 ( Questions ) = 200 Question**

**Total 750 Questions to  
practice this topic**



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## Section 1 :

Physical properties of Metals and Non-metals, Chemical Properties of Metals, How do Metals and Non-metals React? : Properties of Ionic compounds, Corrosion of Metals.

1. What is a chemical equation?

- A) A mathematical representation of a chemical reaction ✓
- B) A list of chemical elements
- C) A diagram of atoms
- D) A type of chemical bond

2. What does the symbol ( $\rightarrow$ ) represent in a chemical equation?

- A) Reversible reaction
- B) Reactants
- C) Products
- D) Yield or forms ✓

3. The chemical equation for the reaction between sodium and chlorine is:

- A)  $\text{Na} + \text{Cl} \rightarrow \text{NaCl}$
- B)  $2\text{Na} + \text{Cl}_2 \rightarrow 2\text{NaCl}$  ✓
- C)  $\text{Na}_2 + \text{Cl}_2 \rightarrow 2\text{NaCl}$
- D)  $\text{Na} + \text{Cl}_2 \rightarrow \text{NaCl}_2$

4. Chemical equations should be:

- A) Unbalanced
- B) Word equations only
- C) Balanced ✓
- D) Long

5. When writing a chemical equation, symbols like (g), (l), (s) represent:

- A) Temperature
- B) Pressure
- C) Physical states ✓
- D) Types of bonds

6. The reaction  $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$  is an example of:

- A) Combination
- B) Decomposition ✓
- C) Displacement
- D) Double displacement

7. What is the missing product in:  $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \underline{\hspace{1cm}}$ ?

- A)  $\text{NaNO}_3$  ✓
- B)  $\text{NaNO}_2$
- C)  $\text{AgNa}$
- D)  $\text{ClNO}_3$

8. The reaction  $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$  is a:

- A) Combination reaction
- B) Decomposition reaction
- C) Displacement reaction ✓
- D) Double displacement reaction

9. Which of the following is a double displacement reaction?

- A)  $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$
- B)  $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$
- C)  $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$  ✓
- D)  $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$

10. When sulfur burns in oxygen, the product is:

- A)  $\text{SO}_2$  ✓
- B)  $\text{SO}_3$
- C)  $\text{H}_2\text{SO}_4$
- D)  $\text{S}_2\text{O}$





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11. Choose the correct spelling.

- A) Ocasion
- B) Occasion ✓
- C) Ocasian
- D) Ocassion

12. Choose the correct spelling.

- A) Obtainning
- B) Obtaining ✓
- C) Obtaing
- D) Obtayning

13. Choose the correct spelling.

- A) Proceedure
- B) Procedure ✓
- C) Procedur
- D) Prucedure

14. Choose the correct sentence.

- A) He tennis is his favorite sport.
- B) He tennis are his favorite sport.
- C) Tennis is his favorite sport. ✓
- D) He plays tennis is his favorite sport.

15. Choose the correct sentence.

- A) He is a expert in tennis.
- B) He is an expert in tennis. ✓
- C) He is an experte in tennis.
- D) He is expert in tennis.

16. Choose the correct sentence.

- A) Healthy foods make me feel better. ✓
- B) Healthy food makes me feel better.
- C) Healthy food make me feel better.
- D) Healthy food make I feel better.

17. Choose the correct spelling.

- A) Zebra
- B) Zabra
- C) Ziber
- D) Zeebra

18. Choose the correct sentence.

- A) He doesn't has an car.
- B) He doesn't have a car. ✓
- C) He not have a car.
- D) He doen't had a car.

19. Choose the correct sentence.

- A) We are planning a trip to the mountains next month. ✓
- B) We planning a trip to the mountains next month.
- C) We are plan a trip to the mountains next month.
- D) We planning trips to the mountains next month.

20. Choose the correct spelling.

- A) Decription
- B) Description ✓
- C) Decripition
- D) Discription

21. What does LAN stand for?

- A) Large Area Network
- B) Local Area Network ✓
- C) Long Area Network
- D) Linked Area Network





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22. What does GUI stand for?

- A) General User Interface
- B) Graphic Utility Interface
- C) Graphical User Interface ✓
- D) Guided User Input

23) Which key is used to permanently delete files in Windows?

- A) Backspace
- B) Delete
- C) Shift + Delete ✓
- D) Alt + Delete

24) What is the purpose of the CMOS battery in a computer?

- A) Provide power to the CPU
- B) Power the BIOS ✓
- C) Store user data
- D) Maintain network connection

25) What does the <details> tag in HTML provide?

- A) A summary of the page
- B) Collapsible content ✓
- C) Interactive forms
- D) Embedded media

26) What is the purpose of the colspan attribute in a table?

- A) Merges columns ✓
- B) Merges rows
- C) Adds a caption
- D) Changes column width

27. In MS Excel, which function is used to calculate the average of a range?

- A) SUM
- B) COUNT
- C) AVERAGE ✓
- D) PRODUCT

28. What is the default font size in MS Word?

- A) 11 pt ✓
- B) 12 pt
- C) 14 pt
- D) 16 pt

29. How do you insert a header in MS PowerPoint?

- A) Insert > Header ✓
- B) View > Header
- C) Design > Header
- D) Insert > Text Box

30. How do you add a page break in MS Word?

- A) Insert > Page Break ✓
- B) Layout > Page Break
- C) Home > Page Break
- D) View > Page Break

