



UNITY TRAINING
ACADEMY FOR DDCET

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Practice **Set 1**

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.

- What is a chemical equation?
 - A mathematical representation of a chemical reaction
 - A list of chemical elements
 - A diagram of atoms
 - A type of chemical bond
- What does the symbol (\rightarrow) represent in a chemical equation?
 - Reversible reaction
 - Reactants
 - Products
 - Yield or forms
- The chemical equation for the reaction between sodium and chlorine is:
 - $\text{Na} + \text{Cl} \rightarrow \text{NaCl}$
 - $2\text{Na} + \text{Cl}_2 \rightarrow 2\text{NaCl}$
 - $\text{Na}_2 + \text{Cl}_2 \rightarrow 2\text{NaCl}$
 - $\text{Na} + \text{Cl}_2 \rightarrow \text{NaCl}_2$
- Chemical equations should be:
 - Unbalanced
 - Word equations only
 - Balanced
 - Long
- When writing a chemical equation, symbols like (g), (l), (s) represent:
 - Temperature
 - Pressure
 - Physical states
 - Types of bonds
- The reaction $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$ is an example of:
 - Combination
 - Decomposition
 - Displacement
 - Double displacement
- What is the missing product in: $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \underline{\hspace{1cm}}$?
 - NaNO_3
 - NaNO_2
 - AgNa
 - ClNO_3
- The reaction $\text{Fe} + \text{CuSO}_4 \rightarrow \text{FeSO}_4 + \text{Cu}$ is a:
 - Combination reaction
 - Decomposition reaction
 - Displacement reaction
 - Double displacement reaction
- Which of the following is a double displacement reaction?
 - $2\text{H}_2 + \text{O}_2 \rightarrow 2\text{H}_2\text{O}$
 - $2\text{KClO}_3 \rightarrow 2\text{KCl} + 3\text{O}_2$
 - $\text{AgNO}_3 + \text{NaCl} \rightarrow \text{AgCl} + \text{NaNO}_3$
 - $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$
- When sulfur burns in oxygen, the product is:
 - SO_2
 - SO_3
 - H_2SO_4
 - S_2O





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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

