



**UNITY TRAINING**  
ACADEMY FOR DDCET

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Practice **Set 3** 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. In which reaction does heat cause breakdown?

- A) Thermal decomposition ✓
- B) Electrolytic decomposition
- C) Photo decomposition
- D) Catalytic reaction

2. What is required to start most decomposition reactions?

- A) Light
- B) Heat or electricity ✓
- C) Water
- D) Air

3. In decomposition of lead nitrate, the brown gas evolved is:

- A) NO
- B) NO<sub>2</sub> ✓
- C) N<sub>2</sub>O
- D) NH<sub>3</sub>

4. Which of the following is a displacement reaction?

- A)  $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$  ✓
- B)  $\text{NaOH} + \text{HCl} \rightarrow \text{NaCl} + \text{H}_2\text{O}$
- C)  $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
- D)  $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$

5.  $\text{Zn} + \text{H}_2\text{SO}_4 \rightarrow \text{ZnSO}_4 + \text{H}_2$  is an example of:

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

6. Reaction:  $\text{Cu} + 2\text{AgNO}_3 \rightarrow 2\text{Ag} + \text{Cu}(\text{NO}_3)_2$  is:

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

7. What is observed when iron nail is dipped in  $\text{CuSO}_4$  solution?

- A) Solution turns green
- B) Copper is deposited on nail
- C) Blue color fades
- D) All of the above ✓

8. Why does no reaction occur when Ag is added to  $\text{CuSO}_4$ ?

- A) Ag is less reactive
- B) Cu is more reactive
- C) Both a and b ✓
- D) Ag and Cu react easily

9. Which of the following is not a displacement reaction?

- A)  $\text{Mg} + \text{HCl} \rightarrow \text{MgCl}_2 + \text{H}_2$
- B)  $\text{Cu} + \text{AgNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{Ag}$
- C)  $\text{FeSO}_4 + \text{Cu} \rightarrow \text{No change}$
- D)  $\text{NaCl} + \text{AgNO}_3 \rightarrow \text{AgCl} + \text{NaNO}_3$  ✓

10. A student adds Fe to  $\text{ZnSO}_4$  solution. What happens?

- A) Fe displaces Zn
- B) No reaction ✓
- C) Zn deposits on Fe
- D) Green solution forms





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11. Choose the correct spelling.

- A) Hightlight
- B) Highlight ✓
- C) Hightlite
- D) Hightlite

12. Choose the correct spelling.

- A) Illusion ✓
- B) Illution
- C) Illousion
- D) Illussion

13. Choose the correct spelling.

- A) Hight
- B) Height ✓
- C) Hite
- D) Heigt

14. Choose the correct sentence.

- A) My career in marketing is going well. ✓
- B) My career in marketing are going well.
- C) My careers on marketing are going well.
- D) My career on marketing going well.

15. Choose the correct sentence.

- A) My job is very demanding. ✓
- B) My jobs is very demanding.
- C) My job are very demanding.
- D) My job were very demanding.

16. Choose the correct spelling.

- A) Frustration
- B) Frustration ✓
- C) Frustrition
- D) Fustrition

17. Choose the correct sentence.

- A) The hospital is located on the hill. ✓
- B) The hospital are located on the hill.
- C) The hospitals are located on the hill.
- D) The hospital was located on the hill.

18. Choose the correct spelling.

- A) Forign
- B) Foreign ✓
- C) Foregin
- D) Foriegn

19. Choose the correct sentence.

- A) He has been promoted many times. ✓
- B) He was promoted many times.
- C) He is promoted many times.
- D) He have been promoted many times.

20. Choose the correct sentence.

- A) I have sent my resume for the job application. ✓
- B) I send my resume for the job application.
- C) I have sent my resume to the job application.
- D) I have sending my resume for the job application.

21. What is the function of a debugger in programming?

- A) To execute code
- B) To find and fix errors in code ✓
- C) To compile code
- D) To optimize code





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22. What does the <code> tag represent in HTML?

- A) To create a code block
- B) To display inline code ✓
- C) To define an external script
- D) To embed a font style

23. What is the function of the <iframe> tag in HTML?

- A) To define a form
- B) To embed another document within the page ✓
- C) To create an image gallery
- D) To define a section

24. What does the <label> tag do in an HTML form?

- A) It groups form elements
- B) It provides a label for an input element ✓
- C) It defines the form action
- D) It submits the form data

25. What is the correct HTML element to display a tooltip?

- A) <tooltip>
- B) <title> ✓
- C) <span>
- D) <mark>

26. India's first super computer is

- A) Saga 220
- B) Eniac
- C) Param 8000 ✓
- D) Param 6000

27. Which one of these is called as the fastest memory?

- A) CD/DVD
- B) Cache Memory ✓
- C) Floppy Disk
- D) External Hard Disk

28. What is the purpose of a subnet mask?

- A) To divide an IP network into smaller sub-networks ✓
- B) To store data
- C) To execute programs
- D) To manage hardware

29. What is the function of a web crawler?

- A) To index web pages for search engines ✓
- B) To browse the internet
- C) To execute applications
- D) To store data

30. allows the users of WWW to exchange information found on webpages on the Internet.

- A) SMTP
- B) TCP/IP ✓
- C) TTP
- D) FTP

