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Practice **Set 3**

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

DDCE 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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UNITY TRAINING ACADEMY FOR DDCET

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.

- In which reaction does heat cause breakdown?
 - Thermal decomposition
 - Electrolytic decomposition
 - Photo decomposition
 - Catalytic reaction
- What is required to start most decomposition reactions?
 - Light
 - Heat or electricity
 - Water
 - Air
- In decomposition of lead nitrate, the brown gas evolved is:
 - NO
 - NO₂
 - N₂O
 - NH₃
- Which of the following is a displacement reaction?
 - $\text{Zn} + \text{CuSO}_4 \rightarrow \text{ZnSO}_4 + \text{Cu}$
 - $\text{NaOH} + \text{HCl} \rightarrow \text{NaCl} + \text{H}_2\text{O}$
 - $\text{H}_2 + \text{O}_2 \rightarrow \text{H}_2\text{O}$
 - $\text{CaCO}_3 \rightarrow \text{CaO} + \text{CO}_2$
- $\text{Zn} + \text{H}_2\text{SO}_4 \rightarrow \text{ZnSO}_4 + \text{H}_2$ is an example of:
 - Double displacement
 - Combination
 - Decomposition
 - Displacement
- Reaction: $\text{Cu} + 2\text{AgNO}_3 \rightarrow 2\text{Ag} + \text{Cu}(\text{NO}_3)_2$ is:
 - Combination
 - Decomposition
 - Displacement
 - Double displacement
- What is observed when iron nail is dipped in CuSO₄ solution?
 - Solution turns green
 - Copper is deposited on nail
 - Blue color fades
 - All of the above
- Why does no reaction occur when Ag is added to CuSO₄?
 - Ag is less reactive
 - Cu is more reactive
 - Both a and b
 - Ag and Cu react easily
- Which of the following is not a displacement reaction?
 - $\text{Mg} + \text{HCl} \rightarrow \text{MgCl}_2 + \text{H}_2$
 - $\text{Cu} + \text{AgNO}_3 \rightarrow \text{Cu}(\text{NO}_3)_2 + \text{Ag}$
 - $\text{FeSO}_4 + \text{Cu} \rightarrow \text{No change}$
 - $\text{NaCl} + \text{AgNO}_3 \rightarrow \text{AgCl} + \text{NaNO}_3$
- A student adds Fe to ZnSO₄ solution. What happens?
 - Fe displaces Zn
 - No reaction
 - Zn deposits on Fe
 - 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)
- 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

