

21. Alkenes are produced from dehalogenation of

- A. dihalo alkane
- B. trihalo alkane
- C. vicinal dihalo alkane
- D. vicinal trihalo alkane

**Answer:** Option c

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22. Reactivity due to pi-electrons is present in

- A. alkane
- B. alkene
- C. alkyne
- D. both b & c

**Answer:** Option D

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23. In unsaturated hydro carbons  $\pi$ -electrons favour

- A. less reactivity
- B. addition reactions
- C. substitution reactions
- D. none

**Answer:** Option B

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24. Raney nickel is prepared from \_\_\_\_\_ by treating with caustic soda

- A. Ni-Cu alloy
- B. Ni-Fe alloy
- C. Ni-Al alloy
- D. Ni-Mg alloy

**Answer:** Option c

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25. Which one is Chloroform

- A.  $\text{CH}_2\text{Cl}_2$
- B.  $\text{CH}_3\text{Cl}$
- C.  $\text{CHCl}_3$
- D.  $\text{CCl}_4$

**Answer:** Option c

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26. Vinylacetylene combines with HCl to form

A. polyacetylene

B. benzene

C. chloroprene

D. divinyl acetylene

**Answer:** Option c

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27. ?? -dichloroethyl sulphide is commonly known as

A. laughing gas

B. bio-gas

C. mustard gas

D. phosgene gas

**Answer:** Option c

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28. Which is used for artificial ripening of fruit?

A. ethane

B. ethene

C. ethyne

D. methane

**Answer:** Option B

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29. Preparation of vegetable ghee involves

A. halogenation

B. hydroxylation

C. hydrogenation

D. hydration

**Answer:** Option c

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30. Which is methyl cyanide

A.  $\text{CH}_3\text{NH}_2$

B.  $\text{CH}_3\text{NO}_2$

C.  $\text{CH}_3\text{CN}$

D.  $\text{CH}_2 = \text{CH} - \text{CN}$

**Answer:** Option c