

Chemistry Revision Worksheet for monthly assessment

Class: 10

MCQ worksheet

Date- 20.08.2020

Chapter-11(Mineral Resources: Fossils)

- $\text{CH}_3\text{-CHO} + [\text{O}] \longrightarrow \text{A}$; A is not regular symbol.

 - pH of A is more than 7
 - A prevent the growth of bacteria
 - A undergo partial dissociated in water

Which one is correct?

a) i & ii	c) i & iii
b) ii & iii	d) i, ii & iii
- $\text{CH}_3\text{-CH=CH}_2 + \text{HBr} \xrightarrow{\text{H}_2\text{O}_2} \text{A}$

'A' compound is –

a) $\text{CH}_3\text{-CH}_2\text{-CHO}$	c) $\text{CH}_3\text{-CHBr-CH}_3$
b) $\text{CH}_3\text{-CH}_2\text{-COOH}$	d) $\text{CH}_3\text{-CH}_2\text{-CH}_2\text{Br}$
- In which step does anesthetic produce in reaction of chlorine with methane in deem sunlight?

a) Step 1	c) Step 2
b) Step 3	d) Step 4
- Ethyne upon hydrolysis in presence of sulfuric acid and mercuric sulphate gives—

a) Ethylene	c) Ethanoic acid
b) Ethanal	d) Ethanol
- Which one is an unsaturated hydrocarbon?

a) C_2H_6	c) C_3H_8
b) C_3H_6	d) CH_4
- Which can change the violet color of alkaline KMnO_4 solution?

i) C_5H_{12}	ii) C_4H_8	iii) C_3H_4
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Which one is correct?

a) i & ii	c) i & iii
b) ii & iii	d) i, ii & iii
- Which type of chemical substance if generally perfumed like chemical?

a) Alcohol	c) Aldehyde
b) Ester	d) Organic acid
- Monomer of PVC is –

i) Polypropene	iii) mono chloro ethene
ii) Vinyl chloride	

Which one is correct?

a) i & ii	c) i & iii
b) ii & iii	d) i, ii & iii

Answer the following two questions no.9 & no.10 on the basis of the stem:

For increasing the price of molasses, Karu and Karu Co. decided that producing compound 'Z' will be produced from potato to meet the demand.

9. Which one of the followings is possible to produce from 'Z' by dehydration?

- a) Alkene
- b) Aldehyde
- c) Alkyne
- d) Fatty acid

10. The substance that is produced from the 1st step of oxidation of 'Z' is used for—

- i) The preparation of fatty acid
- ii) Producing sedative medicine
- iii) Fruit preservation

Which one is correct?

- a) i & ii
- b) ii & iii
- c) i & iii
- d) i, ii & iii

11. What is the melting point of the isomer of ethanol?

- a) -88.6°C
- b) -42°C
- c) -24°C
- d) -1°C

12. What is the percentage of diesel oil in petroleum?

- a) 13%
- b) 20%
- c) 35%
- d) 50%

13. How many double bonds are present in the benzene molecule?

- a) 1
- b) 2
- c) 3
- d) 4

14. What is the length of the carbon chain of organic component of kerosene?

- a) $\text{C}_5\text{-C}_6$
- b) $\text{C}_5\text{-C}_8$
- c) $\text{C}_6\text{-C}_{11}$
- d) $\text{C}_{11}\text{-C}_{16}$

15. What kind of compound is naphthalene?

- a) Amine
- b) Hydrocarbon
- c) Aldehyde
- d) Carboxylic acid

16. Glycerol compound-

- a) Aromatic
- b) Alcohol
- c) Aldehyde
- d) Ketone

17. Which solution is used to identify unsaturated hydrocarbon?

- a) Sodium thiosulphate
- b) Potassium dichromate
- c) Mercuric sulphate
- d) Potassium permanganate

18. What is the functional group of the main component of formalin?

- a) $-\text{CHO}$
- b) $-\text{COOH}$
- c) $-\text{OH}$
- d) $=\text{CO}$

19. What amount of methane is present in formalin according to volume?

- a) 40%
- b) 37%
- c) 35%
- d) 30%

20. Which hydrocarbon is the 2nd member of alkene?

- a) C_3H_8
- b) C_3H_6
- c) C_3H_4
- d) C_2H_6

21. What percentage of aqueous solution of ethanol is called rectified spirit?

- a) 96%
- b) 69%
- c) 90%
- d) 76%

22. What is the general formula of alkyne?

11. Electronegativity of which one is maximum?
a) O
b) S
c) N
d) F
12. Which reactivity series is correct?
a) $\text{Na} > \text{Mg} > \text{Al}$
b) $\text{Al} > \text{Mg} > \text{Na}$
c) $\text{K} < \text{Na} < \text{Li}$
d) $\text{Mg} > \text{Ca} > \text{Sr}$
13. Which of the following is metalloid?
a) S
b) Si
c) O
d) Mg
14. Hydrogen is located in group-1, because—
i) It forms halide like metal
ii) It is electropositive
iii) It forms hydride with metal
Which one is correct?
a) i & ii
b) ii & iii
c) i & iii
d) i, ii & iii
15. What is the main basis of modern periodic table?
a) Electronic configuration
b) Atomic number
c) Atomic mass
d) Relative atomic mass