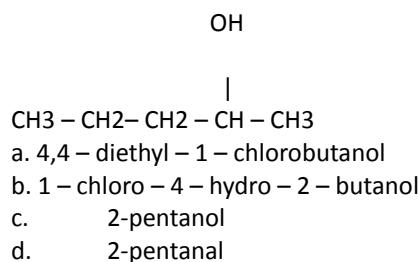


OBJECTIVE QUESTIONS: TYPE A

1. IUPAC name of isopentane is

- a. 3-methyl butane
- b. 2-methyl butane
- c. 2,2-dimethyl propane
- d. 2,3-dimethyl butane

2. Name the organic compound

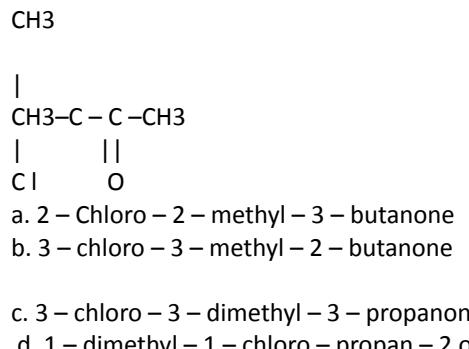


3. IUPAC name of  is

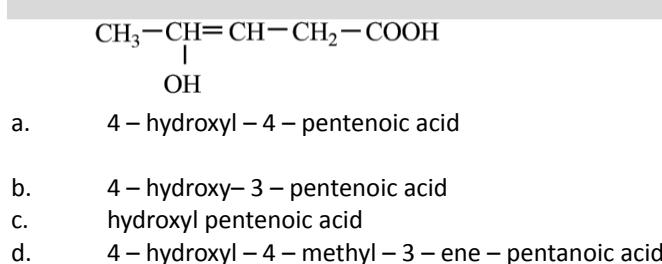
- a. 3-hydroxyl butanal
- b. 2-hydroxyl butanal
- c. 1-oxo, 3-hydroxyl butane
- d. aidol

4. The IUPAC name of $(\text{CH}_3)_3 \text{CH OH} - \text{CH}_3$ is a. 4,4-dimethyl pent-2-en-2-ol
b. 3,3-dimethyl-2-butanol c. 1,2-dimethyl-4-propanol
d. 1,1,1-trimethyl-2-propanol

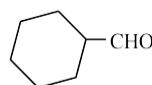
5. The IUPAC name for the following compound is



6. The IUPAC name compound

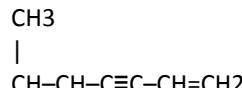


7. What is the systematic name of following compound?



- a. H-Cl
- b. Cl-Cl
- c. C-Cl
- d. Na-Cl

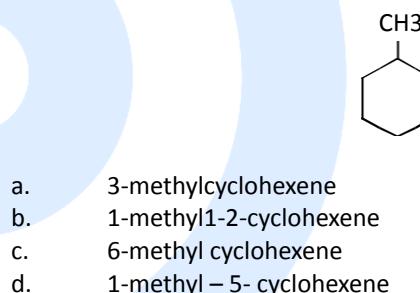
8. What is the IUPAC name for following compound



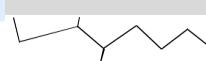
- a. clacim-4-vinyl-2-pentyne
- b. 4-methylhex-2yn-5-ene
- c. 3-methylhex-4yn-1-ene
- d. 5-methylhex-1-en-3-yne

9. The IUPAC name of $(\text{CH}_3)_2 \text{CH} - \text{CH}_2 - \text{CH}_2 \text{Br}$ is a. 1-bromopentane
b. 2-methyl-4-bromobutane c. 1-bromo-3-methylbutane
d. 2-methyl-3-bromopropane

10. The IUPAC name of

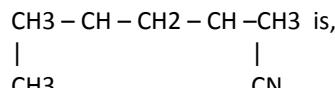


11. Name of given compounds



- a. 4-Ethyl-3-methyl octane
- b. 3-methyl-4-ethyl octane
- c. 2,3-diethylheptane
- d. 5-ethyl-6-methyloctane

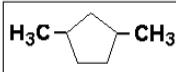
12. The IUPAC name of

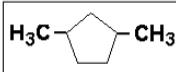


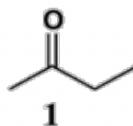
- a. 2-cyano-3-methylhexane
- b. 2-methyl-4-cyanopentane
- c. 2,4-dimethyl pentanenitrile
- d. 2-dimethyl-1-cyanopentane

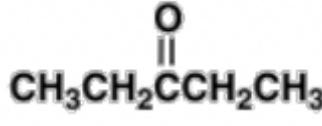
13. The IUPAC name of $\text{Cl}_3\text{C}-\text{CH}_2-\text{CHO}$ is

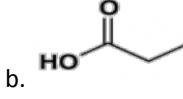
- a. 3,3,3-Trichloropropanal
- b. 1,1,1-Trichloropropanal
- c. 2,2,2-Trichloropropanal
- d. Chloral

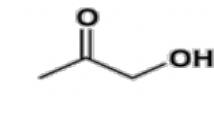
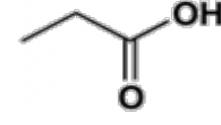
14. The IUPAC name of  is,
- Bicyclo [2.1.0] pentane
 - 1,2-cyclopropyl cyclobutane
 - Cyclopentane [4,3] annulene
 - 1,2-dimethylene cyclobutane
15. The IUPAC name of acraldehyde is
- Prop -2-en-1-al
 - Propenylaldehyde
 - But-2-en-1-al
 - Propenal
16. The IUPAC name of $\text{CH}_3\text{OC}_3\text{H}_7$ is
- Ethoxy methane
 - Methoxy propane
 - Methyl ethyl ether
 - Ethyl methyl ether
17. The IUPAC name of $\text{CH}_3 - \text{CH} = \text{CH} - \text{C} \equiv \text{CH}$ is
- pent -3-en-1-yne
 - pent - 2-en-4-yne
 - pent-3-yn-1-ene
 - Pent-2-yn-1-en
18. The name of $\begin{array}{c} \text{CH} = \text{CH} \\ | \quad | \\ \text{CHONH}_2 \end{array}$ is
- 1-amino prop-2-enal
 - 3-amino prop-2-enal
 - 1-amino - 2-formylethene
 - 3-amino-1-oxy prop-2-ene
19. The correct IUPAC name of $\text{H} - \text{C} - \text{CHO}$ is,
- formyl methanal
 - Funnyl methanoate
 - Ethane-1,2-dial
 - Oxomethanal
20. IUPAC name of methyl carbinol is,
- Methanol
 - Ethanol
 - Propanol
 - Butanol
21. The correct IUPAC name of $\text{C}_6\text{H}_5\text{COCl}$ is
- Benzene carbonyl chloride
 - Benzoyl chloride
 - Chlorophenyl ketone
 - Phenyl chloride
22. The IUPAC name of given compound is
- CH₂-CN
- 

 a. 1,4-dimethylcyclopentane
 b. 1,3-dimethylcyclopentane
 c. 2,3-dimethylcyclopentane
 d. 2,4-dimethylcyclopentane
23. Select the correct IUPAC name for
- 

 a. CH₂COOH
 b. CH₃CH₂COOH
 c. CH₃CH₂CH₂COOH
 d. CH₃CH₂CH₂CH₂COOH
24. Which compound is different from compound 1?
- 

 1
- 

 a. CH₃COCH₂CH₃
 b. CH₃CH₂C(CH₃)₂OH
 c. CH₃CH₂COCH₃
 d.
25. Which compound is not a carboxylic acid?
- 

 a. CH₃CH₂CO₂H
 b. HO-C(=O)-CH₂-CH₃
 c. 
 d. 
26. IUPAC name of $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{CH}_2\text{COOH}$ is
- 4-hydroxypentanoic acid
 - 1-carboxy-3-butanoic acid
 - 1-carboxy-4-butanol
 - 4-carboxy-2-butanol
27. The IUPAC name for OHC-CH₂-COOH
- prop-1-al-3-oic acid
 - prop-3-al-1-oic acid
 - 2-formylethanoic acid
 - 2-carboxyethanal

28. The correct structure of 4-bromo-3-methylbut-1-ene is

- a. Br—CH==C(CH₃)₂ b. CH₂=CHCH(CH₃)CH₂Br
c. CH₂=C(CH₃)CH₂CH₂Br d. CH₃-C(CH₃)=CHCH₂Br

29. The wrong IUPAC name of the CH₃CHOHCH₂CH₃ is

- a. 1-Methylpropanol-1 b. 2-Butanol
c. Butan-2-ol d. Butanol-2
-

ANSWER KEY

1.b	2. c	3. a	4.b	5.b
6.b	7.b	8.d	9.c	10.a
11.a	12.c	13.a	14. a	15. a
16. b	17. a	18. b	19. c	20. b
21.b	22. c	23. b	24. b	25. c
26. a	27. c	28. b	29. a	30. a



