

- 61. The IUPAC name of  $CH_3 C = CHCH_3$  is  $C_2H_5$ 
  - (1) 2-ethylbutene

(2) 2-ethylbut-2-ene

(3) 3-methylpent-2-ene

- (4) 3-ethylpent-2-ene
- 62. The IUPAC name of  $CH_3$  C  $CH_2$  CH  $CH_3$  is  $CH_3$ 
  - (1) 2, 4- dimethyl -2- pentanol
  - (3) 2, 2- dimethylbutanol-2
- 63. The incorrect IUPAC name is

(1)

2-methyl-3-butanone

$$(3)$$
 $CH_3-C \equiv CCH(CH_3)_2$ 
 $(4-methyl-2-pentyne$ 

- (2) 2, 4- dimethylpentanol -4
- (4) Butanol -2

(2)

2, 3 -dimethylpentane

$$\begin{array}{ccc}
CH_3 - CH - CH - CH_3 \\
 & & | & | \\
Cl & Br
\end{array}$$

- 2- bromo 3-chlorobutane
- $CH_3H$ 64. The IUPAC name of the formula,  $CH_3-C=C-COOH$  is
  - (1) 2-methyl-2-butenoic acid
  - (3) 3-methyl-2-butenoic acid
- 65. Indicate the wrongly named compound

$$CH_3 - CH - CH_2 - CH_2 - CHO$$

$$CH_3$$

$$CH_3$$

$$(3-methyl-1-pentanal)$$

(3) 
$$CH_3CH_2CH_2 - CH - COOH$$
  $CH_3$   $CH_3$  (2-methyl-1-pentanoic acid)

- (2) 3-methyl-3-butenoic acid
- (4) 2-methyl-3-butenoic acid
- (2)  $CH_{3} CH C \equiv C COOH$   $CH_{3}$  (4-methyl-2-pentyn-1-oicacid)

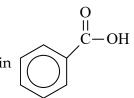
(4) 
$$CH_3 - CH_2 - CH = CH - \overset{\circ}{C} - CH_3$$
  
(3-hexen-5-one)

- 66. The IUPAC name of the compound  $\begin{pmatrix} CH_2 CH COOH \\ OH & NH_2 \end{pmatrix}$  is
  - (1) 2- amino-3- hydroxypropanoic acid
  - (3) 1- amino -2- hydroxypropanoic acid
- (2) 1- hydroxy -2- aminopropan -3- oic acid
- (4) 3- hydroxy -2- aminopropanoic acid
- 67. Name of the compound given below is
  - (1) 3- methyl -4- ethyloctane
  - (3) 5- ethyl 6- methyloctane

- (2) 2, 3- diethylheptane
- (4) 4- ethyl- 3- methyloctane



68. Secondary suffix of - COOH in



(1) -Oic acid

70.

- (2) Carboxylic acid
- (3) Carbonic acid
- (4) Carbonyloic acid

69. The IUPAC name of the compound shown below is:



- (1) 3-bromo-1-chlorocyclohexene
- (3) 2-bromo-6-chlorocyclohex-1-ene
- (3) 1-bromo-3-chlorocyclohexene
- (4) 6-bromo-2-chlorocyclohexene



- (1) 4-Bromo-1-hydroxy 3- methyl Benzene
- (2) 1-Methyl-2-Bromo 5- hydroxy Benzene
- (3) 1- Bromo-2-methyl-4-hydroxy Benzene
- (4) Bromo phenol