Marks → 100 (IUPAC) 60

2,3,3-Trimethylpentane

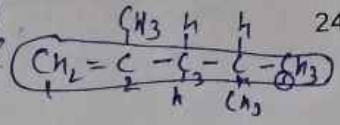
18. **Which of the following represents 3-ethyl-2,2-dimethylpentane?**

A) $CH_3–C(CH_3)_2–CH(C_2H_5)–CH_2–CH_3$
B) $CH_3–CH(CH_3)–CH(C_2H_5)–CH_2–CH_3$
C) $CH_3–C(CH_3)_2–CH_2–CH(C_2H_5)–CH_3$
D) $CH_3–CH_2–C(CH_3)_2–CH(C_2H_5)–CH_3$

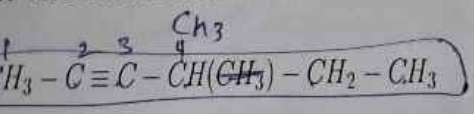
19. **The correct IUPAC name of:**

$CH_2 = C(CH_3) – CH_2 – CH(CH_3) – CH_3$

A) 2,4-Dimethylpent-1-ene
B) 2,4-Dimethylpent-2-ene
C) 2,3-Dimethylpent-1-ene
D) 3,4-Dimethylpent-1-ene

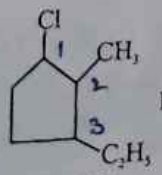


20. **The correct name of:**



A) 4-Methylhex-2-yne
B) 3-Methylhex-4-yne
C) 4-Methylhex-3-yne
D) 3-Methylhex-2-yne

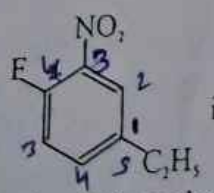
21.



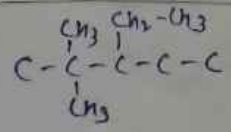
has the IUPAC name ;-

(1) 3 – Chloro – 1 – ethyl – 2–methylcylopentane
(2) 1 – Chloro – 3 – ethyl – 2–methylcylopentane
(3) 4 – Chloro – 1 – ethyl – 5–methylcylopentane
(4) All are correct

22.

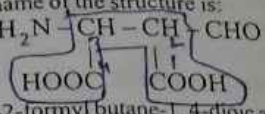
Compound  is

(1) 4-Ethyl-2-nitro-1-fluoro benzene
(2) 4-Ethyl-1-fluoro-2-nitro benzene
(3) 1-nitro-2-fluoror ethyl benzene
(4) 1-Ethyl-3-nitro-4-fluoro benzene



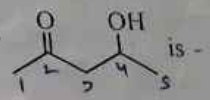
23.

The IUPAC name of the structure is:



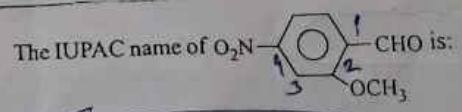
(1) 3-Amino-2-formyl butane-1, 4-dioic acid
(2) 3-Amino-2, 3-dicarboxy propanal
(3) 2-Amino-3-formyl butane-1, 4-dioic acid
(4) 1-Amino-2-formyl succinic acid

24.

The IUPAC name of  is -

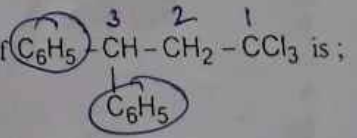
(1) 4-oxo-2-pentanol
(2) 4-hydroxy-2-pentanone
(3) pentane-4-ol-2-one
(4) pentane-2-one-4-ol

25.

The IUPAC name of  is:

(1) 2-Methoxy-4-nitro benzaldehyde
(2) 4-Nitro anisaldehyde
(3) 3-Methoxy-4-formyl nitro benzene
(4) 2-Formyl-4-nitro anisole

26.

The IUPAC name of  is ;

(1) 1,1,1-trichloro-3,3-diphenyl propane
(2) 1,1-diphenyl-3,3,3-trichloro propane
(3) both (1) and (2)
(4) none of these

27. **The correct IUPAC name of this**

