Q.37 2, 4-DNP test can be used to identify:

- (A) ether
- B amine
- aldehyde
- nalogens

26th Feb Evening Shift 2021

Ans 37. 2,4 DNP test is used to identify – (CO) – group. It gives addition reaction with carbonyl compounds. So, it can be used to identify aldehyde in the given option. It gives yellow/ orange ppt with carbonyl containing compounds.

$$R-CHO + H_2N - NH \longrightarrow NO_2$$

$$-H_2O \qquad NO_2$$

$$R-CH=N-NH \longrightarrow NO_2$$