Q10. Aniline in a set of reactions yielded a product D.

$$NH_2 \xrightarrow{NaNO_2^+} A \xrightarrow{CuCN} B \xrightarrow{H_2} C \xrightarrow{HNO_2} D.$$

The structure of D would be

- (a) C₆H₅CH₂OH
- (b) $C_6H_5CH_2NH_2$
- (c) C₆H₅NHOH
- (d) C₆H₅NHCH₂CH₃.

Answer: (a) C₆H₅CH₂OH

REVISE NAMED REACTIONS FROM NCERT TEXTBOOK AND NOTES.

SEE NOTES FOR EXPLANTION.