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Q4 b) with a neat sketch explain about skip distance.

A2) skip distance:

i) Radio wave radiate horizontally from transmitter near the surface of earth will for short distance.

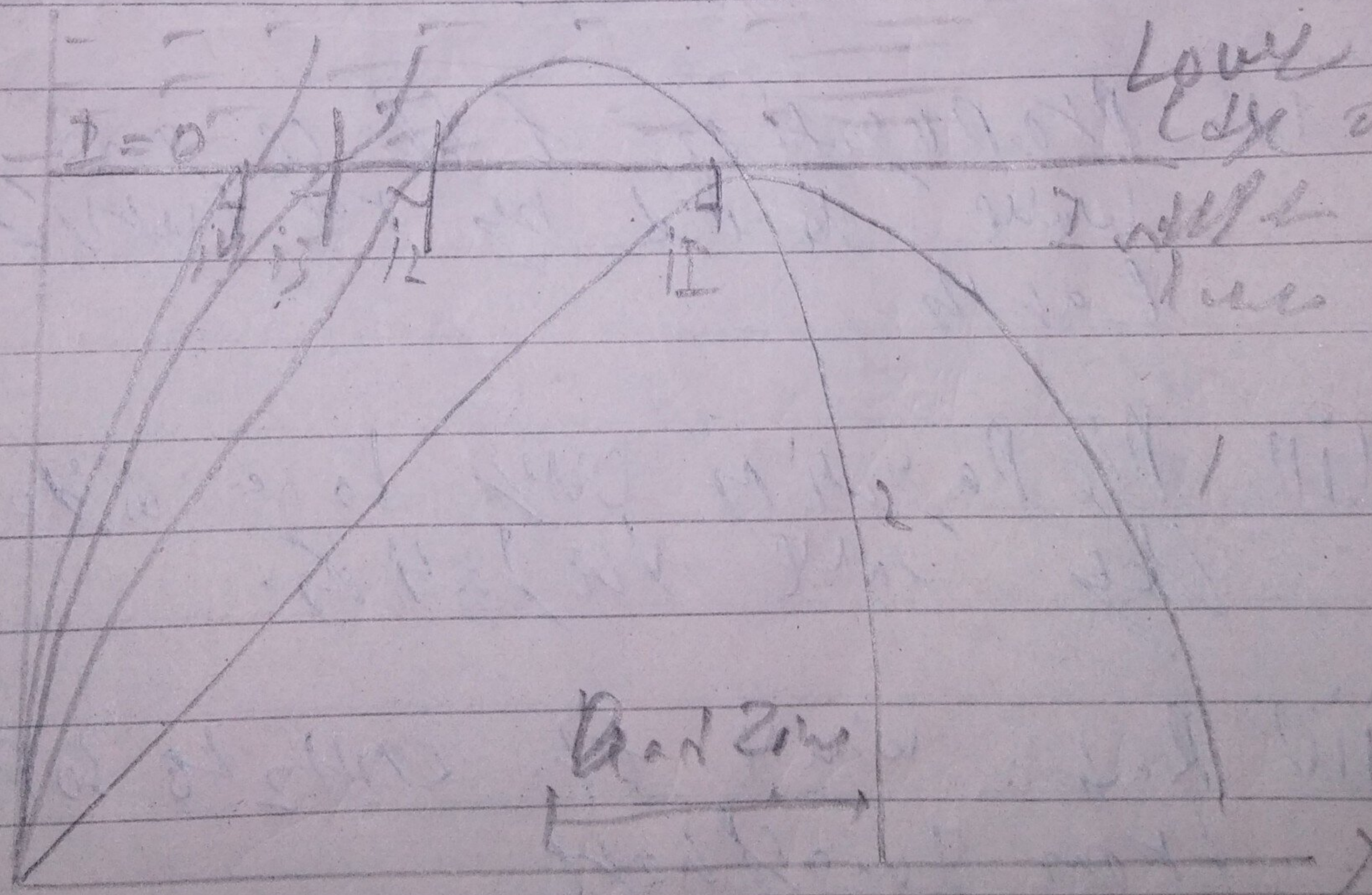
ii) At high angle these wave may not bend from ionosphere layer.

iii) These wave radiate ~~at~~ on shallow angle.

Angle with vertical is  $\theta$  and  $\theta < 90^\circ$

$$\mu =$$

4



Transmitter A B C

skip distance