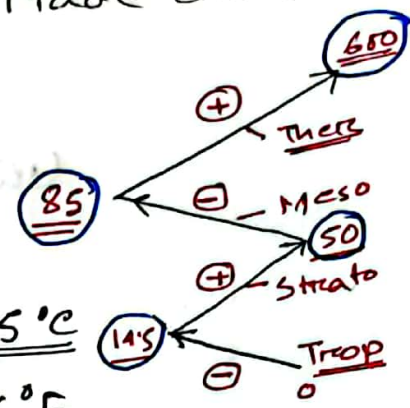
⊛ Elevation of the landmasses (Altitude):

elevation: (উচ্চতা) how far it is from sea level.

land pleto Mountanous. different altitude changes the weather climate.



⟹ Maths:

Given:

① 1 km temparature change 6.5°c

1000 ft temparature change ↘ 3.6°F

increase height

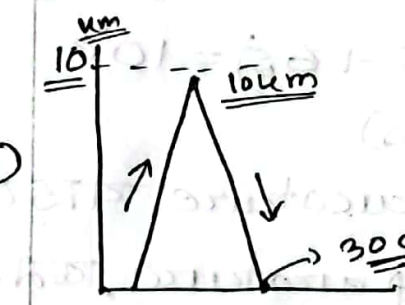
(ii) 8 to 14.5 km decrease temparature (−) হবে। Tropo.

(iii) 14.5 to 50 km increase temp (+) হবে। strato

(iv) 51 to 85 km decreas temp (−) হবে Meso

(v) 86 to 600 km increase tem (+) হবে, Thermo.

(উচ্চতা বাড়ে)

① 

1 km এ Troposphere 6.5°c করে per kill এ কমবে।

তাহলে 10 kill এ কমবে 65°c (10×6.5)

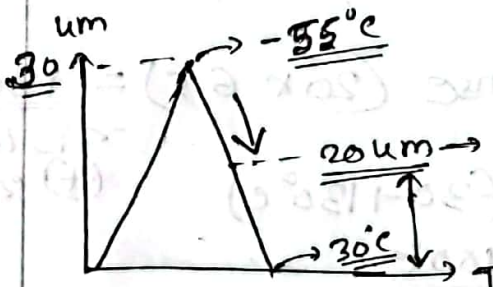
∴ Initial temparature = 30°c

change = (65°c)

∴ final temparature = int − change

= 30 − 65

= −35



নামার সময়।

10 kill এ নামবে। stratosphere 20 km.

∴ change − = (10 × 6.5) = (65).

stratosphere এ height কমলে Temperature কমবে। (−) হবে।

∴ final temparature, = −65 − 55

= −120

✓ ৬.

Cheat Code Maths:

① Troposphere: (0 – 15 km) range

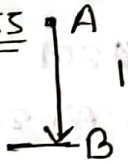
{Height বাড়লে Temparcature কমবে.
Height কমলে Temparcate বাড়বে.}

উদাহরণ,

$= 65°c$

তাপমানে Temperature কমবে ⊖ হবে change

∴ A তে Temp = $(30 - 65°) = -35°c$

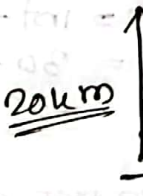


কমলে (বাড়বে) ⊕ হবে.

∴ B তে Temp = $(55 + 65) = 10°c$

⑪ Stratosphere: (15 – 50km)

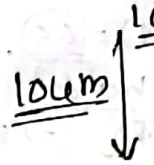
Height বাড়লে Temparcature বাড়বে.
Height কমলে Temp arcature কমবে.



বাড়বে ⊕ হবে.

final temp = $(30 + 130°c)$

$= 100°c$



⊖ হবে.

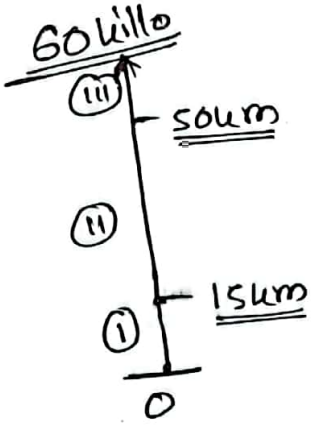
Final tem = $100°c - 65°c$

$= 35°c$ Ans.

(*) Mesosphere same as Troposphere.
(*) Thermosphere same as stratosphere.

* Special type:

Ground theke 60 kill হলে হবে,



3 জায়গাতে change হবে. 3 type

(0 – 15) → Troposphere
(15 – 50) → stratosphere
(50 – 60) → Mesosphere.

নামগুলো same change.