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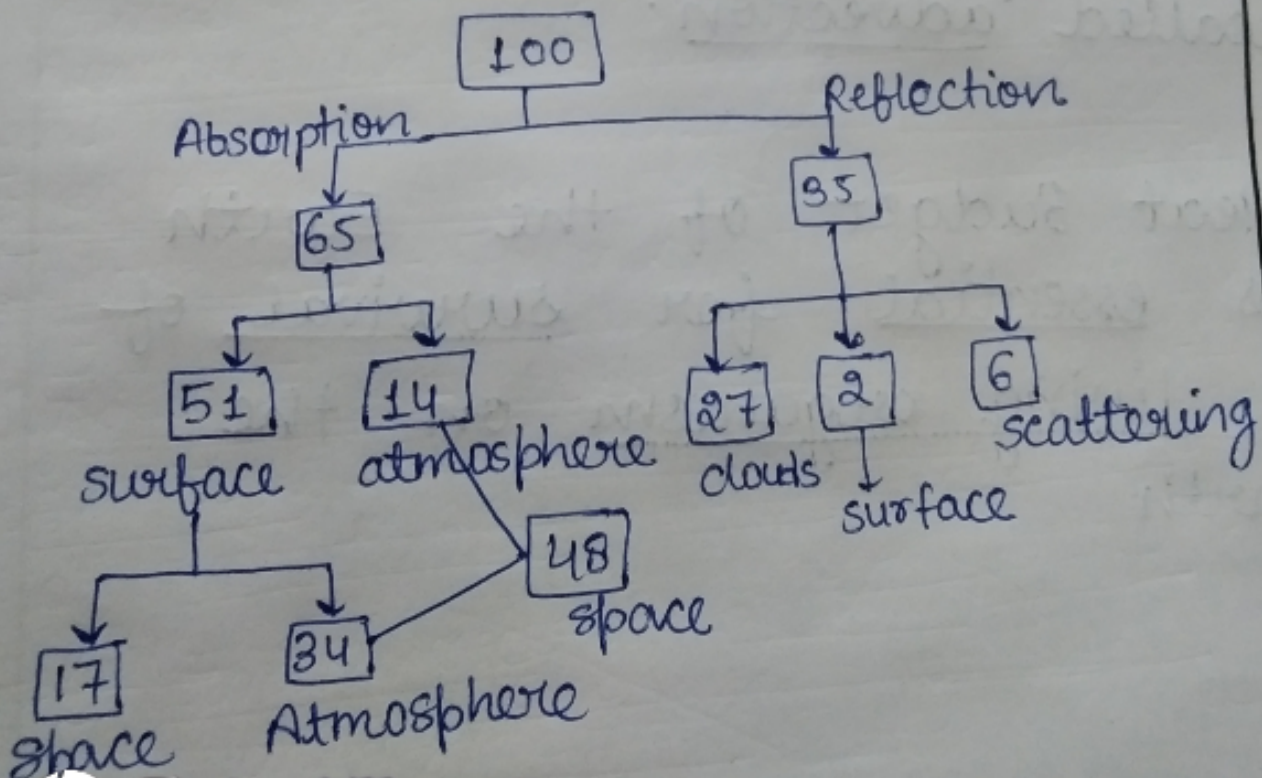
Name: _____

Subject: Geography Batch: RB-10 Submission Date: 18/07/23 Marks: _____

Please mention Reg. No. and Assignment code of respective class. Use single assignment sheet (i.e. 2 pages) for 1 question. Limit your answers to 150 - 170 words.

What do you understand by the Heat Budget? Briefly explain the processes through which the earth-atmosphere system maintains heat balance.

The gains and losses in heat by way of incoming solar radiation and outgoing terrestrial radiation is called as heat budget.



Processes involve in maintaining heat balance of Atmosphere:

- Conduction :- The air in contact with land gets heated and the upper layers in contact with lower layers also get heated. This process is called 'conduction'.
- Convection :- The process of vertical heating of the atmosphere is called, 'convection'.
- Advection :- The transfer of heat through horizontal movement of air is called 'advection'.

Heat Budget of the Earth is essential for survival of a living organism on the Earth.

