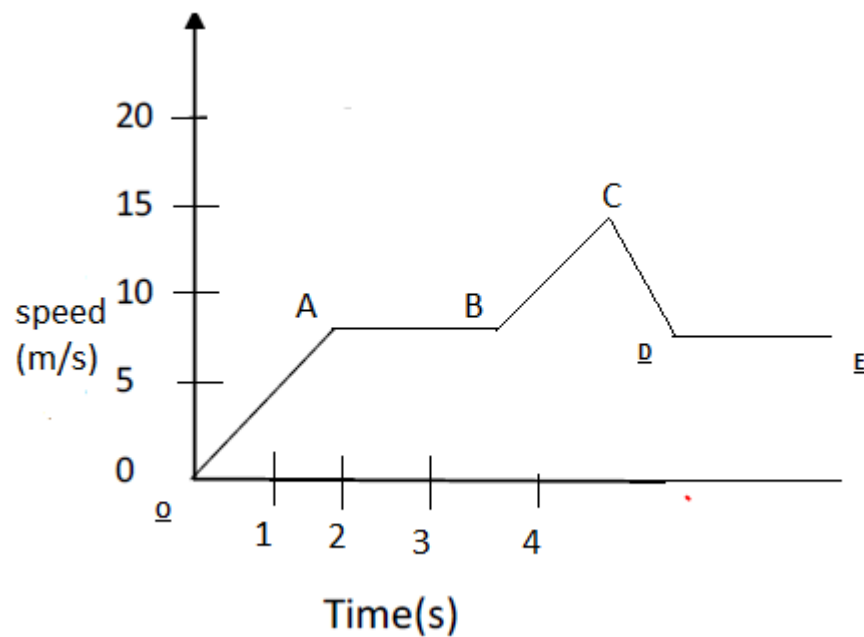


CRITERIA C : MOTION IN ONE DIMENSION.

Study the speed time graph



Find following based on the graph

- Which paths have constant speed :
- when is the maximum speed reached :
- what is the value of acceleration during path OA and BC
- what is the value of deceleration during the path CD.
- how much distance is covered during the journey from B to D
- how much distance is covered during the journey from A to B
- how much is the total distance covered during the entire journey

h) how much is the average speed of the entire journey.