

Question 4.
)

(20 marks

Barriers of ordinary building materials such as timber , glass and plasterboard can be used to slow down the spread of fire in a building.

Discuss how you might use such ordinary materials to good effect in improving the fire safety of an existing two storey hotel having bars, kitchen and dining room downstairs, and guest rooms, television lounge, tea making room, and cleaner's cupboard all opening to very long passageways on the second storey.

Question 5.
)

(20 marks

Your client wants to construct a six storey office building which will be used to service the needs of people with disabilities and of course will have proper access to every storey.

Discuss the extra features that you would recommend for the building to ensure the safety of these people in the event of a fire in the building.