

Directions:

For each numbered blank in the following passage, there are four choices marked [A], [B], [C], and [D]. Choose the best one and mark your answer on **ANSWER SHEET 1** by blackening the corresponding letter in the brackets with a pencil. (10 points)

There's nothing more welcoming than a door opening for you. 1 the need to be touched to open or close, automatic doors are essential in 2 disabled access to buildings and helping provide general 3 to commercial buildings.

Self-sliding doors began to emerge as a commercial product in 1960 after being invented six years 4 by Americans Dee Horton and Lew Hewitt. They 5 as a novelty feature, but as their use has grown, their 6 have extended within our technologically advanced world. Particularly 7 in busy locations or during times of emergency, the doors 8 crowd management by reducing the obstacles put in people's way.

9 making access both in and out of buildings easier for people, the difference in the way many of these doors open helps reduce the total area 10 by them. Automatic doors often open to the side, with the panels sliding across one another. Replacing swing doors, these 11 smaller buildings to maximise the usable space inside without having to 12 the way for a large, sticking-out door. There are many different types of automatic door, with each 13 specific signals to tell them when to open. 14 these methods differ, the main 15 remain the same.

Each automatic door system 16 the light, sound, weight or movement in its vicinity as a signal to open. Sensor types are chosen to 17 the different environments they are needed in. 18, a busy street might not 19 a motion-sensored door, as it would constantly be opening for passers-by. A pressure-sensitive mat would be more 20 to limit the surveyed area.

1. [A] Through
[B] Despite
[C] Besides
[D] Without
2. [A] revealing
[B] demanding
[C] improving
[D] tracing
3. [A] experience
[B] convenience
[C] guidance
[D] reference

4. [A] previously
[B] temporarily
[C] successively
[D] eventually
5. [A] held on
[B] started out
[C] settled down
[D] went by
6. [A] relations
[B] volumes
[C] benefits
[D] sources
7. [A] useful
[B] simple
[C] flexible
[D] stable
8. [A] call for
[B] yield to
[C] insist on
[D] act as
9. [A] As well as
[B] In terms of
[C] Thanks to
[D] Rather than
10. [A] connected
[B] shared
[C] represented
[D] occupied
11. [A] allow
[B] expect
[C] require
[D] direct
12. [A] adopt
[B] lead
[C] clear
[D] change

13. [A] adapting to
[B] deriving from
[C] relying on
[D] pointing at
14. [A] Once
[B] Since
[C] Unless
[D] Although
15. [A] records
[B] positions
[C] principles
[D] reasons
16. [A] controls
[B] analyses
[C] produces
[D] mixes
17. [A] decorate
[B] compare
[C] protect
[D] complement
18. [A] In conclusion
[B] By contrast
[C] For example
[D] Above all
19. [A] identify
[B] suit
[C] secure
[D] include
20. [A] appropriate
[B] obvious
[C] impressive
[D] delicate