

**Q25.** There is a hard disk drive with specifications shown below. When a record of 15 Kbytes is processed, which of the following is the average access time in milliseconds? Here, the record is stored in one track.

[Specifications]

Capacity: 25 Kbytes/track

Rotation speed: 2,400 revolutions/minute

Average seek time: 10 milliseconds

a) 22.5

b) 37.5

c) 40.0

d) 50.0