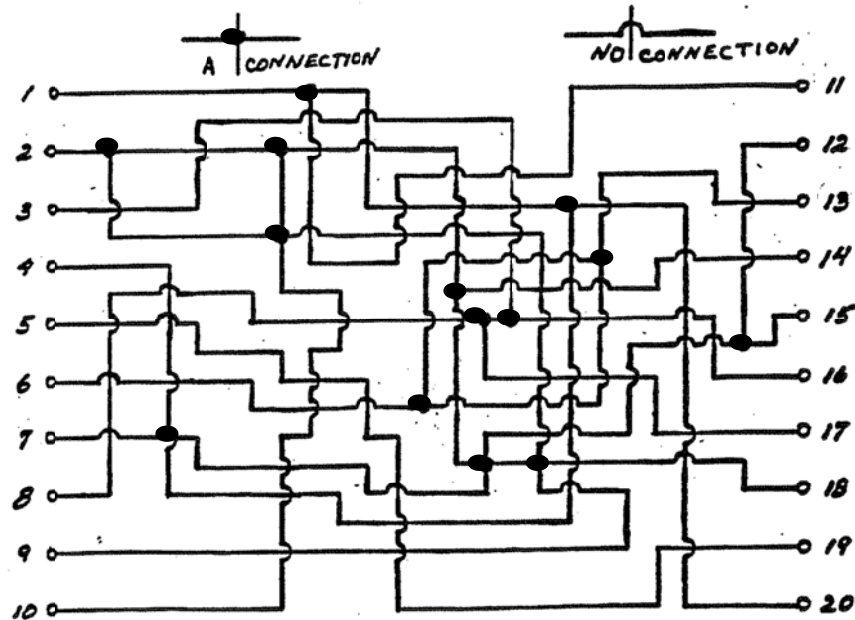


Sample Mechanical Aptitude Questions

Questions 1-3 are based on the figure below where numbers indicate positions on two terminal strips connected by wires. Trace the wires in order to answer the questions.

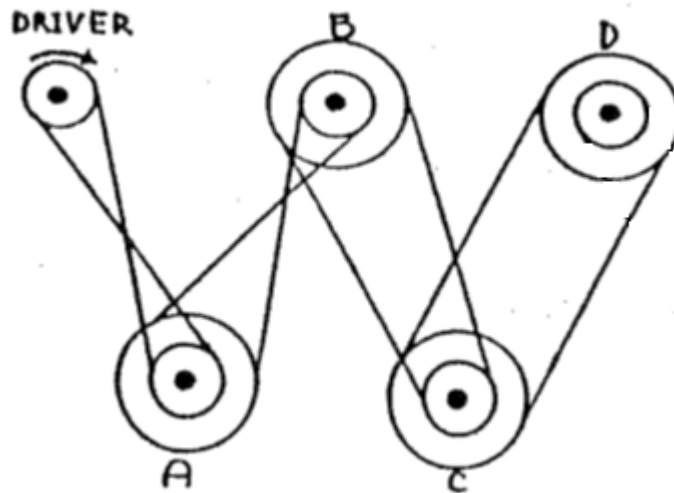


- 1) Position 1 is connected to position(s)
 - a. 4, only
 - b. 4 and 11, only
 - c. 4, 11, and 20
 - d. 4, 7, 11, and 20

- 2) Position 4 has
 - a. 1 alternate route
 - b. 3 alternate routes
 - c. 4 alternate routes
 - d. None of the above

- 3) Position 7 is connected to position(s)
 - a. 1 and 4, only
 - b. 1, 2, and 11
 - c. 1, 4, 11, and 20
 - d. None of the above

Questions 4-5 are based on the figure below. The sketch shows pulley wheels turned by belts with its direction indicated by the arrow.



- 4) Wheel B turns
 - a. In the same direction as D
 - b. In the opposite direction as C
 - c. In the same direction as C
 - d. Both A and C

- 5) Wheel F turns
 - a. In the same direction as A
 - b. In the opposite direction of A
 - c. In the same direction as C
 - d. Slower than B

Answer key:

- 1) D
- 2) C
- 3) C
- 4) D
- 5) A