

# AFCAT 1 2025

**LIVE** ●

# REASONING

# DIRECTION & DISTANCES

**SSBCrack**  
EXAMS



**RUBY MA'AM**

Q) Ankit started walking towards North. After walking 30 m, he turned towards left and walked 40 m. He, then turned left and walked 30 m. He again turned left and walked 50 m. How far is he from his original position?

- a) 50 m
- b) 40 m
- c) 30 m
- d) None of these

Q) Ankit started walking towards North. After walking 30 m, he turned towards left and walked 40 m. He, then turned left and walked 30 m. He again turned left and walked 50 m. How far is he from his original position?

- a) 50 m
- b) 40 m
- c) 30 m
- d) None of these

**Ans: (d)**

Q) If North-West becomes West and South-East becomes East. North-East becomes North and all other directions are changed in a similar manner, then what will be the direction of South?

- a) South-West
- b) South-East
- c) North-East
- d) None of these

- Q) If North-West becomes West and South-East becomes East. North-East becomes North and all other directions are changed in a similar manner, then what will be the direction of South?
- a) South-West
  - b) South-East
  - c) North-East
  - d) None of these

**Ans: (b)**

Q) A school bus driver starts from the school, drives 2 km towards North, takes a left turn and drives for 5 km. He, then takes a left turn and drives for 8 km before taking a left turn again and driving for further 5 km. The driver finally takes a left turn and drives 1 km before stopping. How far and towards which direction should the driver drive to reach the school again.

- a) 3 km towards North
- b) 7 km towards East
- c) 6 km towards South
- d) 5 km towards North

- Q) A school bus driver starts from the school, drives 2 km towards North, takes a left turn and drives for 5 km. He, then takes a left turn and drives for 8 km before taking a left turn again and driving for further 5 km. The driver finally takes a left turn and drives 1 km before stopping. How far and towards which direction should the driver drive to reach the school again.
- a) 3 km towards North
  - b) 7 km towards East
  - c) 6 km towards South
  - d) 5 km towards North

**Ans: (d)**

Q) A house faces North. A man coming out of his house walked straight for 10 m, turned left, and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. How far is he from his house?

- a) 15 m
- b) 55 m
- c) 60 m
- d) 65 m



Q) A house faces North. A man coming out of his house walked straight for 10 m, turned left, and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. How far is he from his house?

- a) 15 m
- b) 55 m
- c) 60 m
- d) 65 m

**Ans: (a)**

Q) City D is to the West of city M. City R is to the South of city D. If city K is to the East of city R, then in which direction is city K located in respect of city D?

- a) North
- b) East
- c) North-East
- d) South-East

Q) City D is to the West of city M. City R is to the South of city D. If city K is to the East of city R, then in which direction is city K located in respect of city D?

- a) North
- b) East
- c) North-East
- d) South-East

**Ans: (d)**

Q) Mohan walked 30 m towards South, took a left turn and walked 15 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 15 m. How far is he from the starting point?

- a) 95 m
- b) 50 m
- c) 70 m
- d) Cannot be determined

Q) Mohan walked 30 m towards South, took a left turn and walked 15 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 15 m. How far is he from the starting point?

- a) 95 m
- b) 50 m
- c) 70 m
- d) Cannot be determined

**Ans: (b)**

Q) A man starts from his house and walks straight for 10 m towards North and turned left and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. Which direction is he facing now?

- a) North
- b) East
- c) South
- d) West

Suman walks 15 km towards North. She turns right and walks another 15 km. She turns right and walks another 15 km. In which direction is she from the starting point?

- (a) North
- (b) South
- (c) East
- (d) West

Suman walks 15 km towards North. She turns right and walks another 15 km. She turns right and walks another 15 km. In which direction is she from the starting point?

(a) North

(b) South

**(c) East**

(d) West

**Ans(c)**



Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point?

(a) 22 km

(b) 44 km

(c) 12 km

(d) 10 km

Vijay travelled 12 km Southward, then turned right and travelled 10 km, then turned right and travelled 12 km. How far was Vijay from the starting point?

(a) 22 km

(b) 44 km

(c) 12 km

**(d) 10 km**

**Ans(d)**

Shyam goes 5 km in the North from his school. Now, turning to the left, he goes to 10 km and again turns to left and goes to 5 km. How far he is from his school and in which direction?

- (a) 10 km, South from school
- (b) 10 km, North from school
- (c) 10 km, West from school
- (d) 10 km, East from school

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(a) 10 km, South from school

(b) 10 km, North from school

**(c) 10 km, West from school**

(d) 10 km, East from school

**Ans(c)**

Q) Tendulkar hits a ball towards North in a one-day international cricket match between India and Pakistan. A Pakistani fielder, Shahid Afridi comes straight from East to field the ball. Which direction does Shahid Afridi come from to field the ball?

- a) South
- b) North
- c) West
- d) East

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- a) South
  - b) North
  - c) West
  - d) East

**Ans: (d)**

Q) From his house Deepak went 25 km to North. Then, he turned West and covered 15 km. Then, turned South and covered 10 km. Finally, turning to East, he covered 15 km. In which direction is he from his house?

- a) North
- b) South
- c) West
- d) East

Q) From his house Deepak went 25 km to North. Then, he turned West and covered 15 km. Then, turned South and covered 10 km. Finally, turning to East, he covered 15 km. In which direction is he from his house?

- a) North
- b) South
- c) West
- d) East

**Ans: (a)**



- Q) One day, Ravi left home and cycled 10 km Southwards, turned right, and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometres will he now have to cycle in a straight line to reach his home?
- a) 10 km
  - b) 15 km
  - c) 20 km
  - d) 25 km

- Q) One day, Ravi left home and cycled 10 km Southwards, turned right, and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometres will he now have to cycle in a straight line to reach his home?
- a) 10 km
  - b) 15 km
  - c) 20 km
  - d) 25 km

**Ans: (b)**

Q) Raj is standing in the middle of a square field. He starts walking diagonally to North-East. Then, he turns right and reaches the far end of the field. Then, he turns right and starts walking. In the midway, he again turns right and starts walking. In halfway, he turns to his left and reaches a new far end. In what direction is Raj now?

- a) North
- b) South
- c) North-West
- d) South-West

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- a) North
  - b) South
  - c) North-West
  - d) South-West

**Ans: (d)**

Q) Kate walks 4 km towards South. She, then turns towards her left and walks 8 km more. After that she turns left again and walks another 8 km. Here, she meets her friend coming from the opposite direction and they both stop here. Which direction would she be facing?

- a) North
- b) South
- c) East
- d) West

Q) Kate walks 4 km towards South. She, then turns towards her left and walks 8 km more. After that she turns left again and walks another 8 km. Here, she meets her friend coming from the opposite direction and they both stop here. Which direction would she be facing?

- a) North
- b) South
- c) East
- d) West

**Ans: (a)**

- Q) Rani and Sarita started from a place X. Rani went West and Sarita went North, both travelling with the same speed. After some time, both turned their left and walked a few steps, if they again turned to their left, in which directions' the faces of Rani and Sarita will be with respect to X?
- a) North and East
  - b) North and West
  - c) West and North
  - d) East and South

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- a) North
  - b) South
  - c) North-West
  - d) South-West



- Q) Raj is standing in the middle of a square field. He starts walking diagonally to North-East. Then, he turns right and reaches the far end of the field. Then, he turns right and starts walking. In the midway, he again turns right and starts walking. In halfway, he turns to his left and reaches a new far end. In what direction is Raj now?
- a) North
  - b) South
  - c) North-West
  - d) South-West

**Ans: (d)**

- Q) Roshan, Vaibhav, Vinay and Sumit are playing cards. Roshan and Vaibhav are partners. Sumit faces towards North. If Roshan faces towards West, then who faces towards South?
- a) Vinay
  - b) Vaibhav
  - c) Sumit
  - d) Data is inadequate

- Q) Roshan, Vaibhav, Vinay and Sumit are playing cards. Roshan and Vaibhav are partners. Sumit faces towards North. If Roshan faces towards West, then who faces towards South?
- a) Vinay
  - b) Vaibhav
  - c) Sumit
  - d) Data is inadequate

**Ans: (d)**

- Q) Kate walks 4 km towards South. She, then turns towards her left and walks 8 km more. After that she turns left again and walks another 8 km. Here, she meets her friend coming from the opposite direction and they both stop here. Which direction would she be facing?
- a) North
  - b) South
  - c) East
  - d) West

- Q) Kate walks 4 km towards South. She, then turns towards her left and walks 8 km more. After that she turns left again and walks another 8 km. Here, she meets her friend coming from the opposite direction and they both stop here. Which direction would she be facing?
- a) North
  - b) South
  - c) East
  - d) West

**Ans: (a)**

- Q) A boy was misdirected from his way while returning to his home from his school. In order to reach his home, he first moved 3 km in south direction and then turned to his left and moved 2 km in straight direction on the road leading to the East. From there he moved to his left and walked 3 km. After this, he again turned to his left and moved 1 km. Finally, he reached his home. The home of the boy was in which direction from his school?
- a) South
  - b) West
  - c) North
  - d) East

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- a) South
  - b) West
  - c) North
  - d) East

**Ans: (d)**

- Q) Rani and Sarita started from a place X. Rani went West and Sarita went North, both travelling with the same speed. After some time, both turned their left and walked a few steps, if they again turned to their left, in which directions' the faces of Rani and Sarita will be with respect to X?
- a) North and East
  - b) North and West
  - c) West and North
  - d) East and South



- Q) Rani and Sarita started from a place X. Rani went West and Sarita went North, both travelling with the same speed. After some time, both turned their left and walked a few steps, if they again turned to their left, in which directions' the faces of Rani and Sarita will be with respect to X?
- a) North and East
  - b) North and West
  - c) West and North
  - d) East and South

**Ans: (d)**

Q) A boy starts from home in early morning and walks straight for 8 km facing the Sun. Then, he takes a right turn and walks for 3 km. Then, he turns right again and walks for 2 km and then turns left and walks for 1 km. Again, he turned right and walked 1 km. Then, he turns right and travels for 4 km straight. How far is he from the starting point?

- a) 5 km
- b) 6 km
- c) 2 km
- d) 4 km

- Q) A boy starts from home in early morning and walks straight for 8 km facing the Sun. Then, he takes a right turn and walks for 3 km. Then, he turns right again and walks for 2 km and then turns left and walks for 1 km. Again, he turned right and walked 1 km. Then, he turns right and travels for 4 km straight. How far is he from the starting point?
- a) 5 km
  - b) 6 km
  - c) 2 km
  - d) 4 km

**Ans: (a)**

Q) Ram goes 15 m North, then turns right and walks 20 m, then again turns right, and walks 10 m, then again turns right, and walks 20 m. How far is he from his original position?

- a) 5
- b) 10
- c) 15
- d) 20

Q) Ram goes 15 m North, then turns right and walks 20 m, then again turns right, and walks 10 m, then again turns right, and walks 20 m. How far is he from his original position?

- a) 5
- b) 10
- c) 15
- d) 20

**Ans: (a)**

- Q) A house faces North. A man coming out of his house walked straight for 10 m, turned left, and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. How far is he from his house?
- a) 15 m
  - b) 55 m
  - c) 60 m
  - d) 65 m

Q) A house faces North. A man coming out of his house walked straight for 10 m, turned left, and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. How far is he from his house?

- a) 15 m
- b) 55 m
- c) 60 m
- d) 65 m

**Ans: (a)**

- Q) Rashmi goes towards East from a point P and then turns left. She walks some distance and then turns her right. Which direction is she facing now?
- a) North
  - b) East
  - c) West
  - d) South



- Q) Rashmi goes towards East from a point P and then turns left. She walks some distance and then turns her right. Which direction is she facing now?
- a) North
  - b) East
  - c) West
  - d) South

**Ans: (b)**

- Q) A man goes 5 km East, then he turns right and goes 4 km, then he turns left and goes 5 km. Which direction is he facing now?
- a) North
  - b) South
  - c) East
  - d) West

- Q) A man goes 5 km East, then he turns right and goes 4 km, then he turns left and goes 5 km. Which direction is he facing now?
- a) North
  - b) South
  - c) East
  - d) West

**Ans: (c)**

- Q) City C is to the South of city B and city A is to the North of city C. In which direction City A is located in respect of city B?
- a) North
  - b) South
  - c) East
  - d) Cannot be determined

- Q) City C is to the South of city B and city A is to the North of city C. In which direction City A is located in respect of city B?
- a) North
  - b) South
  - c) East
  - d) Cannot be determined

**Ans: (d)**

- Q) City D is to the West of city M. City R is to the South of city D. If city K is to the East of city R, then in which direction is city K located in respect of city D?
- a) North
  - b) East
  - c) North-East
  - d) South-East

- Q) City D is to the West of city M. City R is to the South of city D. If city K is to the East of city R, then in which direction is city K located in respect of city D?
- a) North
  - b) East
  - c) North-East
  - d) South-East

**Ans: (d)**

- Q) Laxman went 15 km to the West from house, then turned left and walked 20 km. He, then turned East and walked 25 km and finally turning left covered 20 km. How far is he now from his house?
- a) 15 km
  - b) 20 km
  - c) 25 km
  - d) 10 km



- Q) Laxman went 15 km to the West from house, then turned left and walked 20 km. He, then turned East and walked 25 km and finally turning left covered 20 km. How far is he now from his house?
- a) 15 km
  - b) 20 km
  - c) 25 km
  - d) 10 km

**Ans: (d)**

Q) A and B start walking from the same point A goes North and covers 3 km, then turns right and covers 4 km. B goes West and covers 5 km, then turns right and covers 3 km. How far apart are they from each other?

- a) 10 km
- b) 9 km
- c) 8 km
- d) 5 km

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- a) 10 km
- b) 9 km
- c) 8 km
- d) 5 km

**Ans: (b)**

- Q) Ankit started walking towards North. After walking 30 m, he turned towards left and walked 40 m. He, then turned left and walked 30 m. He again turned left and walked 50 m. How far is he from his original position?
- a) 50 m
  - b) 40 m
  - c) 30 m
  - d) None of these

Q) Ankit started walking towards North. After walking 30 m, he turned towards left and walked 40 m. He, then turned left and walked 30 m. He again turned left and walked 50 m. How far is he from his original position?

- a) 50 m
- b) 40 m
- c) 30 m
- d) None of these

**Ans: (d)**

- Q) Mohan walked 30 m towards South, took a left turn and walked 15 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 15 m. How far is he from the starting point?
- a) 95 m
  - b) 50 m
  - c) 70 m
  - d) Cannot be determined

- Q) Mohan walked 30 m towards South, took a left turn and walked 15 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 15 m. How far is he from the starting point?
- a) 95 m
  - b) 50 m
  - c) 70 m
  - d) Cannot be determined

**Ans: (b)**

- Q) Shreya started from point P and walked 2 m towards West. She, then took a right turn and walked 3 m before taking a left turn and walking 5 m. She finally took a left turn, walked 3 m, and stopped at a point Q. How far is point Q from point P?
- a) 2 m
  - b) 6 m
  - c) 7 m
  - d) 8 m



- Q) Shreya started from point P and walked 2 m towards West. She, then took a right turn and walked 3 m before taking a left turn and walking 5 m. She finally took a left turn, walked 3 m, and stopped at a point Q. How far is point Q from point P?
- a) 2 m
  - b) 6 m
  - c) 7 m
  - d) 8 m

**Ans: (c)**

Q) A man starts from his house and walks straight for 10 m towards North and turned left and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. Which direction is he facing now?

- a) North
- b) East
- c) South
- d) West

Q) A man starts from his house and walks straight for 10 m towards North and turned left and walked 25 m. He then turned right and walked 5 m and again turned right and walked 25 m. Which direction is he facing now?

- a) North
- b) East
- c) South
- d) West

**Ans: (b)**

Q) If Ram's house is located to the South of Krishna's house and Govinda's house is to the East of Krishna's house, in what direction is Ram's house situated with respect to Govinda's house?

- a) North-East
- b) North-West
- c) South-East
- d) South-West

Q) If Ram's house is located to the South of Krishna's house and Govinda's house is to the East of Krishna's house, in what direction is Ram's house situated with respect to Govinda's house?

- a) North-East
- b) North-West
- c) South-East
- d) South-West

**Ans: (d)**

- Q) A boy first goes in South direction, then he turns towards left and travels for some distance. After that he turns right and moves certain distance. At last, he turns left and travels again for some distance. Now, in which direction is he moving?
- a) South
  - b) West
  - c) East
  - d) North

- Q) A boy first goes in South direction, then he turns towards left and travels for some distance. After that he turns right and moves certain distance. At last, he turns left and travels again for some distance. Now, in which direction is he moving?
- a) South
  - b) West
  - c) East
  - d) North

**Ans: (c)**

Q) W walked 40 m toward West, took a left turn and walked 30 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 30 m. How far was he from the starting point?

- a) 70 m
- b) 60 m
- c) 90 m
- d) Cannot be determined



Q) W walked 40 m toward West, took a left turn and walked 30 m. He, then took a right turn and walked 20 m. He again took a right turn and walked 30 m. How far was he from the starting point?

- a) 70 m
- b) 60 m
- c) 90 m
- d) Cannot be determined

**Ans: (b)**