

**RK INSTITUTE OF BANKING**  
**RANKING AND ORDERING & DIRECTION**

**Direction: Study the following information carefully and answer the question**

There are 5 friends A, B, C, D and E standing randomly. B is to the northeast of E. D is 2km to the east of E, who is 6km to the west of A. C is to the northwest of D and in the line of EB. D is 4km the south of B.

51. In which direction is C with respect to A ?

A. South west B. South east C. Northeast D. Northwest

E. None of these

52. In which direction is A with respect to B ?

A. Southeast B. Southwest C. Northwest D. Northeast

E. None of these

53. What is the distance between D and A ?

A.5km B.4km C.6km D.3km E. None of these

54. What is the shortest distance between B and A?

A. $5\sqrt{7}$ km B. $4\sqrt{2}$ km C. $6\sqrt{2}$ km D. $3\sqrt{5}$ km E. None of these

55. What is the shortest distance between B and E?

A. $2\sqrt{7}$ km B. $5\sqrt{2}$ km C. $7\sqrt{2}$ km D. $2\sqrt{5}$ km E. None of these

**Direction: Study the following information carefully and answer the question**

Bala walked 25km towards west, took a left turn and walked 15km. He again took a left turn and walked 30km. He then took a right turn and stopped.

56. Now he was facing which direction ?

A. West B. East C. South D. North E. None of these

57. Instead of turning right at the end if he took left and walked 20km, what is the shortest distance to his starting point?

A. $3\sqrt{7}$ km B. $2\sqrt{5}$ km C. $7\sqrt{2}$ km D. $5\sqrt{2}$ km E. None of these

58. Raghav starts walking in south direction and walks a distance of 7 meters. Now he took a left turn and walk 6m. Again he takes a left turn and walk 15m and reached a point P. Find the distance between starting point and P and in which direction is the person from the initial point.

A.10m, south east B.10m, north east C.20m, north west D.20m, south west E. None of these

59. Dheepthi started from point A in south direction. After walking for 4 m she turned to her right and walked 5 m. Now she turned to her left and walked 3 m after which she turned to her right. Now she walked 4 m and turned to her right again and walked 15 m. Now finally she turned to her right and after walking

for 7 m, she stopped at point B. What is the distance AB?

A. $2\sqrt{34}$  m B.34 m C. $3\sqrt{17}$  m D. $2\sqrt{17}$  m E. None of these

60. Riya started from her home to office. She started in east direction. After walking for 4 m she turned to her left and walked 8 m, now she turned left and walked 2 m. After this she turned to right walked 4 m. Now after turning to her right she walked 13 m and reached office. Find the shortest distance between her office and home.

A.87 m B. $9\sqrt{41}$  m C.26 m D. $3\sqrt{41}$  m E. None of these

61. A person starts walking in north to his house and walks 50m. Now he took a right turn and walks 20m and after that he took another right and walks 20m. Now he is moving towards his house. In which direction he is walking?

a) south east b) south west c) north east d) north west

e) None of these

62. A person starts walking in east direction and walks 20m. After that he turn to his right and walks 10m and then turn to his left and walks 15m and reached at a point A. Find the distance between A and initial point

a)  $5\sqrt{51}$  b)  $5\sqrt{53}$  c)  $5\sqrt{57}$  d)  $5\sqrt{59}$  e) None of these

63. A person starts walking in north direction and after walking some distance he turns to 45 degree in clockwise direction. After that he turns 180 degree anti clockwise and again 45 degree in clockwise direction. Now in which direction he is walking

a) west b) east c) north d) south e) None of these

64. Anil starts walking in east direction and after travelling some distance he took a right turn and then a left turn followed by another left turn. Now he again took a right turn and finally took a left turn. In which direction is anil walking.

a) south b) north c) east d) west e) None of these

65. A person starts walking in south direction and walks a distance of 7 meters. Now he took a left turn and walk 6m. Again he takes a left turn and walk 15m and reached a point P. Find the distance between starting point and P and in which direction is the person from the initial point.

a) 10m, south east b) 10m, north west c) 10m, north east

d) 10m, south west e) None of these

66. Riya starts running in west direction and after some distance she turns to her left and cover some distance. After this she took a left turn and then again left turn and run some distance. After that she took a right turn and finally a left turn. Now in which

direction she is running.

a) north b) south c) east d) west e) None of these

67. Two Person P and Q are separated by a distance of 20 meter in west –east direction respectively. Now P and Q start walking in north and south direction respectively and walked for 5 meter. Now P and Q took a right turn and walked 10m each. Now P and Q took left turn and after walking 5 meter both of them stopped. Find the distance between them

a) 15 b) 25 c) 30 d) 35 e) None of these

68. P walks 8m to the south ,then he turn to his left and walks 15m then he turn to his right and walk 12m again he turns to his right and walk 15m and turn right and stopped how far and in which direction from the starting point

a) 10 north b) 20 south c) 20 east d) 20 west e) None of these

69. A boy is facing south direction. He turns 60 degree in anti-clockwise direction and then 120 degree in clockwise direction. In which direction is he facing?

a) south east b) north east c) south west d) north west

e) None of these

70. A postman was returning to the post office which was in front of him to the south. When the post office is 80m away from him, he turned to the right and walks 50m to deliver the last letter. He continues walks in the same direction for 20 meter and then took a left turn and walks 80 meter. How many meters was he away from the post office

a) 30 b) 40 c) 60 d) 70 e) None of these

71. Point Q is 10 m east of point P. Point P is 4 m south of point R. Point S is 3 m west of point T and point Q is 5 m north of point S. What is the direction of point T with respect to point R?

A) north-west B) west C) south-east D) east E) north-east

72. Point A is 6 m west of point B. Point C is 5 m north of point S which is midway on the AB. Point C is 5 m west of point D. What is the distance BD?

A)  $\sqrt{26}$  m B) 10 m C)  $\sqrt{29}$  m D) 18 m E) None of these

73. Rekha started from point A in south direction. After walking for 4 m she turned to her right and walked 5 m. Now she turned to her left and walked 3 m after which she turned to her right. Now she walked 4 m and turned to her right again and walked 15 m. Now finally she turned to her right and after walking for 7 m, she stopped at point B. What is the distance AB?

A)  $\sqrt{34}$  m B) 34 m C)  $2\sqrt{17}$  m D) 17 m E) None of these

74. Shrutika started from point P. after walking for some time, she turned to her right and continued

walked, then after some time turned to her right again. Now walking for some distance she turned to her left and after this finally to her right. If now she is walking in west direction, in which direction did she started her journey from point P?

A) South B) East C) North D) West E) Cannot be determined

75. Smita started from her home to office. She started in east direction. After walking for 4 m she turned to her left and walked 8 m, now she turned left and walked 2 m. After this she turned to right walked 4 m. Now after turning to her right she walked 13 m and reached office. Find the shortest distance between her office and home.

A) 82 m B) 26 m C)  $3\sqrt{41}$  m D)  $9\sqrt{41}$  m E) None of these

76. Ruhani started walking in east and walked 12 m. Now she turned south and walked 4 m and turned to her left and walked 3 m. Now she turned south and walked 7 m. Now to her left and walked 7 m. Now she turned south and walked 8 m, then to west and walked 5 m. Now to her left walking 3 m and finally turned right and walked 3 m. Find the distance from where she started walking.

A) 30 m B) 25 m C) 20 m D) 22 m E) 18 m

77. Ashika started walking in south direction and walked 3 m after which she turned to her left. Now she walked 2 m and turned to her right and walked 5 m. now she turned to her right again and walked 6 m and turned to her left and walked another 6 m. Now finally she walked for 10 m after turning to her left. Find her distance from the starting point?

A)  $2\sqrt{58}$  m B) 116 m C) 56 m D)  $4\sqrt{29}$  m E) None of these

78. Point P is in west of point Q. Point Q is in south of point R. Point T is in south-east direction of point P and also in north direction of point V. What is the direction of point R with respect to point V?

A) north B) north-west C) north-east D) Cannot be determined E) None of these

79. Karuna started from point P in north direction. She walked 7 m and turned to her right after which she walked 4 m and then turned to her left. Now she walked 2 m and turned to her right and walked 5 m. Now finally she stopped after turning to her right and walking 6 m. What is her distance from point A?

A) 12 m B)  $4\sqrt{12}$  m C) 20 m D)  $3\sqrt{10}$  m E) 30 m

80. Bhavika started from point A. After walking for some time, she turned to her left and continued walking, then after some time turned to her right. Now walking for some distance she turned to her left and after this finally to her right. Now final after turning to her right again she stopped. If now she is walking in west direction, in which direction did she

started her journey from point A?

A) South B) East C) North D) West E) Cannot be determined

81. A person starts from his home moves 15 m towards east and then turn 45° towards its left and walk 15m. After that he moves towards west and stop at the point P after covering 15m. Determine the distance and direction of the point P from his house.

a) South east and 15 b) north east and 15 c) South west and 15 d) North west and 15

82. Ram and shyam are two friends talking with each other. The shadow of Ram falls on the right side of Shyam. If ram is facing north then the direction in which Shyam is facing.

a) South b) north c) east d) west Answer & Solution

83. A boy facing north turns 60° in clockwise direction and then turns 150° in anti clockwise. In which direction now he is facing.

a) North b) south c) east d) west

**Direction: Study the following information carefully and answer the question**

A, B, C, D and E are five friends standing in a park. The distance between A and C and that of B and C are same. E and C are 45m apart in west-east direction. A is towards west of C at a distance of 25m from E. C is in between B and D and in north direction wrt B.

84) What is the distance between A and B.

a) 26.2 b) 27.2 c) 28.2 d) 29.2

85. If the distance between B and D is 35m, then calculate the distance between A and D.

a) 15 b) 20 c) 25 d) 30

86. E is in which direction wrt B.

a) South east b) north east c) south west d) north west

87. Yash starts from a point A and moves 3 m straight then take a right turn and walk 4 m, again take a left turn and walk 5m. Finally he takes a left turn and walk 4m now he is facing north, so in which direction he starts.

a) north b) south c) east d) west

88. Ram goes 10 m east, then take a right turn and walk 15m and again take a right turn and walk 20m. Calculate the approximate distance of ram from starting point and in which direction he is now from starting point.

a) 19 and south west b) 18 and south west c) 19 and south east d) 18 and south east

89. A goat walks 10 m towards north, turns to right and run 15m and again turn to right and walk 20m and again turns to left and walk 10m, and finally turns to right and stop. In which direction goat is facing.

a) north b) south c) east d) west

90. The distance between A and B is 10m and then they start walking away from each other. After walking a distance of 5m, A turns to his right and walks 5 m while B turns to his left and walks 5 m. Then again A and B turns to their right and walk 10m and then stopped. Find the distance between them.

a) 15 b) 20 c) 30 d) 40

91. Kiran started walking towards east .After walking 10m,he took a right turn and walked 10m.He then took a left turn and walked 30m and again took a left turn and walked 40m.Now Kiran how far and in which direction

from the starting point

1)North-west 30m 2)South-west 50m 3)North-east 50m 4)North-east 60m 5)None of these

92. P walks 8m to the south ,then he turn to his left and walks 15m then he turn to his right and walk 12m again he turns to his right and walk 15m and turn right and stopped how far and in which direction from the starting point ?

1)10m east 2)20m south 3)25m east 4)10m south 5)None of these

93. If southeast become North, North-east become West and so on.What will be the West ?

1)South-east 2)South-west 3)North-east 4)North-west 5)None of these

94. Sakthi starts from her house and walks 3km towards north, then she turns right and walks 2km and then turn right and walks 5km then turns and walks 2km and then again turns right and walks 2km.Which direction is she facing now?

1)South 2)East 3)West 4)North 5)None of these

95. A, B, C , D ,E , F, G and H are sitting around a circular table in the same order for a discussion at equal distances.Their positions are clock wise. If G sits in the north ,then what will be the position of D?

1)South 2)East 3)South-west 4)North-west 5)None of these

96. Manik walks 4m towards east then turn to his right and walks 4m and then turn to his left and walk 5m.Again turning to her left he walks 4m and stopped.What is the shortest distance between the starting point and ending point ?

1)10m 2)8m 3)9m 4)1m 5)None of these

97. Kamali walks a distance of 3m towards North then turns to her left and walk for 2m.She turns left and walks for 3m.At this point she turns to his left and walk for 3m.How many metres is she from the starting point ?

1)5m 2)3m 3)2m 4)1m 5)None of these

98. Sahil walked 20m toward North, took a left turn and walked 10m.He again took a left turn and walked for 20m.How far and in which direction is he from the starting point ?

1)10m 2)20m 3)30m 4)40m 5)None of these

99. Sarita leaves from home .She walk 25m in North west direction and then 25m in south west direction.Next she walks 25m in south east direction.Finally she turn toward her house.Now in which direction she was moving ?

1)North west 2)South east 3)North east 4)South west 5)None of these

100. One day afternoon Arun and Mani were sitting in a garden and facing each other.Mani's shadow fall exactly towards Arun's right, Which direction was Mani facing ?

1)South 2)East 3)West 4)North 5)None of these.

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