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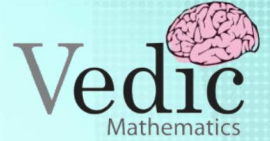
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Moderate Level

1. Ramesh goes towards North, turns right, then turns right again and then goes to the left. Which direction is Ramesh facing now?

[UP Police (Constable) 2018]

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

2. 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?

[SSC (CPO) 2013]

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

3. Vinita and Sunita are standing in a park facing each other at the time of sunrise. If the shadow of Vinita falls to the left of Sunita. Which direction is Vinita Facing?

[SSC (Steno) 2020]

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

4. Hritik went straight Eastward from his office and took a right turn after travelling 4 km. From here, he covered a distance of 3 km and again took a right turn. After covering a distance of 4 km, he finally turned left and travelled straight. In which direction was Hritik moving at the end?

[SSC (CPO) 2020]

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

5. Rakesh leaves from his house. He walks 10 m in North-West direction and then 20 m in South-West direction. Next, he moves 20 m in South-East direction. Finally, he turns towards his house. In which direction is Rakesh going?

[CG PSC 2014]

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

6. If you start running from a point towards North and after covering 4 km. You turn to your left and run 5 km and then again turn to your left and run 5 km and then turn to left again and run another 6 km and before finishing you take another bekrandand run 1 km. From the finishing point, if you have to reach the point from where you started, then in which direction will you have to run

[SSC (CGL) 2015]

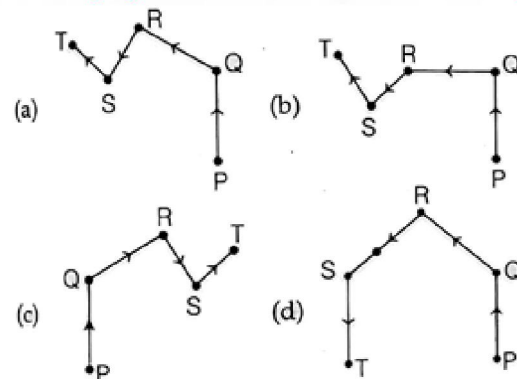
- (a) East (b) West
(c) North (d) South

7. Kajal left home for a hospital. She travelled 5 km towards East, then turned towards South-East to travel another 10 km, then again she turned towards North-East to travel 10 km and finally, she reached the hospital. In which direction is hospital with respect to her home?

[SSC (10+2) 2017]

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

8. Raju starts from a place P towards North and reaches place Q. From there, he turns towards North-West and reaches place R. Then, he turns towards South-West and walks to a place S. From there, he turns towards North-West and finally reaches place T. Which of the following figures shows the movement of Raju?



Ans : (a)

9. Giridar was at a temple and was facing West. He turns 45° in the clockwise direction to collect a token, then another 180° in clockwise direction. He, then





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turned 45° in the anti-clockwise direction. Which direction is he facing now?

[RRB (NTPC) 2022]

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

10. Sunil starts walking from point R. He walks 28 m towards the West, turns right and walks for 20 m to reach point M. He then takes a left turn walks for 30 m, takes a left turn and walks for 28 m to reach point S. He finally takes a left turn and walks for 48 m to reach point Z. In which direction is point Z with respect to point R? (All turns are 90° turns only)

[RRB (NTPC) 2022]

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

11. Point D is 7 m to the West of point R. Anand starts walking from point R toward East. He walks for 3 m and takes a right turn. He further walks for 4 m takes another right turn. He walks for 5 m and turns to his right. He further walks for 4 m and stops at point T. In which direction is point T with respect to point D?

[IBPS Clerk (Pre) 2017]

- (a) South (b) West
(c) East (d) Cannot be determined
(e) North

12. Reshma walked towards the South. After 500 m, she reached her friend Rehana's house. After meeting her friend, Reshma walked towards the East for 500 m and then turned right and walked for another 500 m. From here, she turned right and walked for 1 km. Finally, she turned to her right and walked for 1 km to reach her college. In which direction is her college from Rehana's house?

[SSC (Steno) 2021]

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

13. While going to school, Rohit goes straight for 2 km from his house, then takes a left turn and travels 4 km.

From here, he takes a right turn and after covering 2 km, he again turns right and finally travels 2 km to reach the school. If he was finally travelling towards the West, in which direction is his house from the school?

[SSC (CPO) 2020]

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

14. After leaving school, Hemant and Anurag walk towards the North for 1 km to reach a bus stop. From the bus stop, Hemant turns left and walks for 500 m. Then, he turns towards his left and walks for 2 km to reach his home. From the bus stop, Anurag turns right and walks for 250 m. Then, he turns right and walks for 1 km to reach his home. In which direction is Anurag's home from Hemant's home?

[SSC (Steno) 2021]

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

15. A ran 15 m towards South, took a turn towards East and ran 20 m and again he took a turn towards the North and ran 15 m. What is the distance between his current position and his starting position?

[IBPS RRB (PO) 2019]

- (a) 10 m (b) 15 m
(c) 30 m (d) 20 m
(e) 25 m

16. Dr. Mruthula walks 24 m East from point A and reaches point B in Apollo hospital. From point B she takes left turn and walks 8 m and then she takes right turn and walked 12 m and again she takes right turn and walks 14 m and again takes right turn and reaches point M. If it is given that the starting point is in North from point where she ends her journey, then what is the distance between the points A and M?

[SSC (Steno) 2018]

- (a) 4 m (b) 5 m
(c) 6 m (d) 3 m

17. Rema walked 10 km South and turned right and walked 5 km. Then, again she turned right and walked





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10 km. Then, she turned left and walked 10 km. How many kilometer will Rema have to walk to reach the starting point? [SSC CGL (Pre) 2016]

- (a) 25 km (b) 20 km
(c) 5 km (d) 15 km

18. Lakshman went 15 km to the West from his house, then turned left and walked 20 km. Then, he turned towards East and walked 25 km and finally turning left, he covered 20 km. How far is he now from his house?

- (a) 15 km (b) 20 km
(c) 25 km (d) 10 km

19. A man travels 4 km due North, then travels 6 km due East and further travels 4 km due North. How far he is from the starting point?

[SSC (CGL) 2013]

- (a) 6 km (b) 14 km
(c) 8 km (d) 10 km

20. Gaurav exits from the backdoor of his North-facing house and walks 25 m straight, then he takes a left turn and walks 36 m, then he turns left and walks 47 m. He turns left again and walks 36 m. How far and in which direction is he from his house now?

[SSC CGL (Pre) 2022]

- (a) 22 m, North (b) 11 m, North
(c) 22 m, South (d) 11 m, South

21. A boy leaves his home. He walks 45 m in South-West direction and then 145 m in North-East direction. Then, he moves 60 m in South direction. How far is he now from his initial position?

[SSC (10+2) 2017]

- (a) 100 m (b) 80 m
(c) 40 m (d) 60 m

22. A cyclist cycles 3.5 km West, then turns North and cycles 2.5 km North, then turns to his right and cycles 3.5 km, then turns North and cycles 4.5 km. Where is he now with respect to his starting position?

[SSC (CGL) 2017]

- (a) 2 km, North (b) 7 km, South
(c) 7 km, North (d) 2 km, South

23. Kripal starts driving from his home and drives 37 km towards South. From there he turns left and 31 km. Then, he turns right and drives 27 km. Then, he turns left and drives a certain distance of Y km. After that he turns left and drives 57 km. Now, he finally, turns left and drives 58 km to reach a bank, which is exactly 7 km South of his home. Find the value of Y in km.

[SSC (Steno) 2020]

- (a) 22 (b) 27
(c) 36 (d) 55

24. Nirav's house is 40 m South of Akash's house. Daksh's house is to the East of Akash's house in a straight line at a distance of X m. Prakash's house is to the West of Akash's house in a straight line at a distance of Y m. If the shortest distance between Prakash's house and Nirav's house is 50 m and the shortest distance between Daksh's house and Nirav's house is also 50 m, then what is the distance between Prakash's house and Daksh's house?

[SSC (Steno) 2020]

- (a) 60 m (b) 30 m
(c) 80 m (d) 40 m

25. A man is facing South. He turns 135° anti-clockwise and then 180° clockwise. Which direction he is facing now? [WBPS 2018]

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

26. Two airliners start from the same airport. A flies 20 km South. B flies 35 km East, then turns South and flies 45 km, then turns to his right and flies 35 km. Where is B with respect to A now?

[SSC (10+2) 2017]

- (a) 65 km, South (b) 25 km, North
(c) 25 km, South (d) 65 km, North





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27. Akash travelled 4 km straight towards South. He turned left and travelled 6 km straight, then turned right and travelled 4 km straight. How far is he from the starting point? [MPPSC 2018]

- (a) 18 km (b) 12 km
(c) 10 km (d) 8 km

28. Stayen starts walking towards North. After walking 70 m, he turns to left and walks 35 m straight. He then turns to left and walks 30 m, again he turns to the left and walks a distance of 35 m. How far is he from the starting point and in which direction?

[SSC (CPO) 2019]

- (a) 40 m, South (b) 35 m, North
(c) 35 m, South (d) 40m, North

29. A person starts walking from his home towards his friends place. He walks for 25 m towards West. He takes a 90° right turn and walks for 20 m. He again takes a 90° right turn and walks for 10 m. He then walks for another 10 m after taking a 90° left turn. Turning 90° towards his right, he walks for 15 m to reach his friend's place. How far and in which direction is the friend's place from his home?

[SBI PO (Pre) 2015]

- (a) 30 m towards, East
(b) 30 m towards, North
(c) 40 m towards, South
(d) 30 m towards, South
(e) 40 m towards, North

30. A shopper in a mart loads his trolley and walks 30 m through an alley which is going South, then he turns to his left and walks 10 m, then he turns North and walks another 10 m, then he turns West and walks 45 m and then he turns North and walks 20 m. Where is he now with reference to his starting position?

[SSC (10+2) 2018]

- (a) 35 m, West (b) 55 m, West
(c) 35 m, East (d) 55 m, East

31. Point A is 30 m to the South of point B. Point C is 20 m to the East of point A. Point D is 15 m to the South of point C. Point D is exactly midway between points E and F in such a manner that points E, D and F form a horizontal straight line of 40 m. Point E is to West of point D. How far and in which direction is point E from point B?

[SBI PO (Pre) 2015]

- (a) 45 m towards, South
(b) 25 m towards, South
(c) 30 m towards, West
(d) 35 m towards, North
(e) 45 m towards, North

Directions (Q. Nos. 32 and 33) Study the given information and answer the given questions)

- Point A is 11 m North of point B.
- Point C is 11 m East of point B.
- Point D is 6 m North of point C.
- Point E is 7 m West of point D.
- Point F is 8 m North of point E.
- Point G is 4 m West of point F.

[IBPS (Clerk) 2013]

32. How far is point F from point A?

- (a) 43 m (b) 4 m
(c) 3 m (d) 7 m
(e) 5 m

33. How far and in which direction is point G from point A?

- (a) 3 m, North (b) 5 m, North
(c) 4 m, North (d) 4 m, South
(e) 3 m, South

Directions (Q. Nos. 34 - 36) Read the given information carefully and answer the given questions.

Point B is 25 m South of point A. Point C is 10 m East of point B. Point D is 30 m North of point C. Point E is 7 m East of point D. Point X is 18 m South of point E. Point E is 7m East of point D. Point X is 18 m South of





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point E. Point M is 12 m South of point X. Point C is 7 m West of point M.

[IBPS PO (Pre) 2017]

34. Point B is in which direction from point D?

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

35. If point W is 3 m to the North of point A, then what is the distance between point B and point W?

- (a) **28 m** (b) 15 m
(c) 22 m (d) 24 m
(e) 17 m

36. What is distance between points B and M?

- (a) **17 m** (b) 15 m
(c) 21 m (d) 19 m
(e) 13 m

Directions (Q. Nos. 37 - 39) Study the given information carefully to answer the given questions.

Point E is 16 m to the South of point C. Point F is 4 m to the West of point E. Point H is 5 m to the South of point F. Point J is 12 m to the East of point H. Point Y is to the East of point F. A person walks 15m from point Y towards West, reaches point Z, takes a left turn and reaches point J.

[IBPS PO (Pre) 2017]

37. What is the difference of the distance between the points Z, J and points Y, F?

- (a) 26 m (b) **22 m**
(c) 12 m (d) 8 m
(e) 10 m

38. If a person walks 20m towards North from point Z, takes a left turn and walks 8 m, how far will be from point C?

- (a) 2 m (b) 6 m
(c) 3 m (d) **4 m**
(e) 5 m

39. In which direction is point Z with respect to point H?

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

Directions (Q. Nos. 40 and 41) Study the following information and answer the given questions.

Point A is 5 m towards the West of Point B. Point C is 2 m towards the North of Point B. Point D is 3 m towards the East of Point C. Point E is 2 m towards the South of Point D.

[IBPS RRB (Clerk) 2020]

40. If a person walks 2 m towards the North from Point A, takes a right turn and continues to walk, which of the following points would he reach the first?

- (a) D (b) B
(c) E (d) **C**
(e) Cannot be determined

41. Which of the following points are in a straight line?

- (a) **A, B, E** (b) D, C, A
(c) C, E, D (d) B, D, A
(e) A, C, E

Directions (Q. Nos. 42 - 44) Study the following information carefully and answer the questions given below.

Point E is in 15m North of point D. point F is in 20m North of point C. point A is in 35m East of point F. point P is in 25m South of point A. point E is in 20 m East of point P. [SBI (Clerk) 2020]

42. What is the direction of point F with respect to point P?

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





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43. Four of the following five are alike in a certain way and hence, they form a group. Which one of the following does not belong to that group?

- (a) C - P (b) A - E
(c) **A - C** (d) P - D
(e) F - E

44. If point X is 20 m South of point C, then what is the total distance between point X and point D?

- (a) 40 m (b) 35 m
(c) **55 m** (d) 65 m
(e) 85 m

Directions (Q. Nos. 45 - 47) Study the following information carefully and answer the questions given below.

Point R is 5m West of point Q. point P is 16 m North of point Q. point R is 25 m South of point T point T is 10 m West of point V. point V is 9 m North of point J.

[SBI (PO) 2019]

45. Point J is at how much distance and in which direction with respect to point P?

- (a) 10 m, South-East (b) 5 m, South
(c) **5m, East** (d) 10 m, North-West
(e) 5m, West

46. If point W is West of point J and North of point R, then what is the distance between points T and W?

- (a) 15 m (b) **9 m**
(c) 12 m (d) 10 m
(e) 5 m

47. What is the direction of point V with respect to point R?

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

Directions (Q. Nos. 48 - 50) Study the following information carefully and answer the questions given below.

Point S is 5 m West of point R. point R is 30 m South of point Q. Point P is 20 m West of point Q point U is 15 m South of point P. Point T is 35 m North of point S.

[SBI (Clerk) 2019]

48. If point V is exactly between points Q and R then how far and in which direction is point U with respect to point V?

- (a) 15 m, North-East (b) 15 m, East
(c) 10 m. North-West (d) **20 m, West**
(e) 20 m, North-East

49. Four of the following are alike in a certain way, so form a group. Which of the following does not belong to that group?

- (a) P, T (b) U, Q
(c) **R, P** (d) S, Q
(e) U, T

50. If point W is in 5 m East of point U, then what is the distance between point W and point S?

- (a) 5 m (b) **15 m**
(c) 25 m (d) 10 m
(e) 20 m

Directions (Q. Nos. 51 - 53) Study the following information carefully and answer the questions given below.

Print C is 12 m West of point A. point B is 18 m North of point A. Point E is 9 m South of point D. xint Fis 14m West of point E. point D is 28 m East of point B. Point F is 13 m South of point G.

[IBPS RRB (Clerk) 2019]

51. Four of the following five belongs to a group find the one that does not belongs to that group?

- (a) CB (b) AD
(c) AE (d) BG
(e) **FB**





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52. In which direction point A with respect to point G?

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

53. If point S is 4 m South of point G, then what is the distance between point B and point S?

- (a) 28 m (b) 9 m
(c) 8 m (d) **14 m**
(e) None of these

Directions (Q. Nos. 54 - 56) Read the following formation carefully and answer the questions given below.

[IBPS (Clerk) 2021]

P is 9m to the West of R. R is 7 m to the North of 1. who is 5m to the East of S. S is 4 m North of Q. Q is 14 m to the South of U, where V is the mid-point of U and S.

54. What is the distance between V and Q?

- (a) 14 m (b) **9 m**
(c) 10 m (d) 15 m
(e) None of these

55. Point P is in which direction with respect to Point V?

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

56. If a point W is drawn 7m to the South of point P, then what will be the distance between points W and S?

- (a) 9 m (b) 10 m
(c) 8 m (d) 12 m
(e) **None of these**

Directions (Q. Nos. 57 and 58) Study the following information carefully and answer the given questions.

[SBI (Clerk) 2021]

Sahil starts from point A and walks 8 m in South and reaches point B, then turns towards his left and walks 4 m and reaches point C. From point C he turns his right and walks 5m and reaches point D. From point D he turns 8 m towards left and reaches point E. From point E he again turns left and walk 5 m reaches to point F again turns right and walks 4 m to reaches point G. Finally, he again turns to his left and walks 8 m and reaches point H.

57. What is the distance between A and H and H is in which direction with respect to A?

- (a) **16 m, East** (b) 12 m, West
(c) 16 m, West (d) 24m, North-East
(e) 12 m, South-East

58. Point E is in which direction with respect to point C?

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

Directions (Q. Nos. 59 - 61) Study the information carefully and answer the questions given below.

[SBI (PO) 2020]

Point P is 8m West of point G. point G is 16 m East of point T. point H 5m East of point E. Point E is 5m North-West of point L. Point A is 12m South of point F and point P is mid-point between them. Point L is 8 m South of point S. Point His mid-point between points L and S. Point T is 14 m South of point E.

59. If point B is West of point A and South of point S, then what is the distance between point L and point B?

- (a) **12 m** (b) 7 m
(c) 6 m (d) 5 m
(e) None of these

60. In which direction point L is with respect to point F?

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





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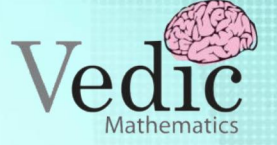
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(e) None of these

(e) West

61. What is the distance between point T and point P?

(a) 8 m

(b) 3 m

(c) 4 m

(d) 5 m

(e) None of these

Directions (Q. Nos. 62 - 64) Read the following information carefully and answer the questions given below.

[SBI (PO) 2021]

Two friends A and B are playing in a park. After some time, A went to his home and B went to his office. A walked 8 m towards North from the park and turned right and walked for 8 m, then took a right turn and walked for 8 m to reach the mall, then started walking in the North-East direction and covered a distance of 13 m, then started walking in the South direction and covered a distance of 12 m to reach the bus stand and finally, turned left and walked for 6 m to reach home. B walked 2 m towards the East from the park and turned left and walked 6 m, then turned right and walked 2 m. He, then turned right and walked 9 m and turned left and walked 2 m and again turned right and walked 2 m and finally turned left and walked 2 m to reach office.

62. What is the total distance covered by A from the park to the mall ?

(a) 20 m

(b) 24 m

(c) 19 m

(d) 16 m

(e) 12 m

63. What is the shortest distance between the mall and the bus stand?

(a) 5 m

(b) 25 m

(c) 6 m

(d) 7 m

(e) 9 m

64. In which direction is B's office with respect to B's initial position?

(a) South-East

(b) South-West

(c) South

(d) North

