

# DIRECTION & DISTANCE SENSE TEST BASED VERBAL REASONING PRACTICE QUESTIONS AND ANSWERS PDF WITH EXPLANATION

For All Competitive SSC, Bank, IBPS, UPSC, Railway, IT & Other Govt. Exams

Created By [Careericons](#) Team

## DIRECTIONS:

- i. Point D is 2 km to the north of point C.
- ii. Point G is 8 km to the north of point H.
- iii. Point A is 15 km to the south of point B.
- iv. Point C is 8 km to the east of point B.
- v. Point E is 10 km to the north of point F which is 4 km to the west of point G.
- vi. Point D is 4 km to the west of point E.

**Q1.** Find shortest distance BH.

- a) 32 km
- b) 15 km
- c)  $16\sqrt{4}$  km
- d)  $16\sqrt{2}$  km
- e) None of these

**Q2.** If a person after taking 2 turns reaches to point B from point F via point A, then what is the distance that he covered?

- a) 34 km
- b) 30 km
- c) 32 km
- d) 35 km
- e) 36 km

**Q3.** If a person starts from point H and reaches point S which is south of point C, then find distance  $CS + HS - EF$

- a) 13 km
- b) 15 km
- c) 12 km
- d) 14 km
- e) None of these

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**Q4.** 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) 34 m
- b) \$3?17 m\$
- c) \$2?34 m\$
- d) \$2?17 m\$
- e) None of these

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**Q5.** 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) 40
- b) 60
- c) 30
- d) 70
- e) None of these

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**Q6.** A man walks 30 metres towards South. Then, turning to his right, he walks 30 metres. Then, turning to his left, he walks 20 metres. Again, he turns to his left and walks 30 metres. How far is he from his initial position?

- a) 30 metres
  - b) None of these
  - c) 20 metres
  - d) 60 metres
- 

**Q7.** A person starts from point A, walks 10 m in south direction. Now he takes a left turn and walks 8m before turning left again. Next he walks 16 m and takes a right turn. Now he walks 4 m and takes a right turn again. He stops after walking 10 m. Find his distance from point A.

- a) 30 km
  - b) 40 km
  - c) 20 km
  - d) 45 km
  - e) 10 km
- 

**Q8.** Nishant walks 30 meter in the north direction, after that he took a right turn and walks 40 meter. After that he took a right turn and walks 40 meter more and finally he took a right turn and stop after walking 40 meter. Find the distance of nishant from the initial position?

- a) 10
  - b) 15
  - c) 5
  - d) 20
  - e) None of these
-

**Q9.** 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. Then he turns right, travels 1 km and then turns right and travels for 4 km straight. How far is he from the starting point ?

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

**Q10.** Ashok wants to book a ticket to Madurai. He starts and covers 5 kms. to reach the Booking Office which is in the East of his house. From there he turns to the North towards the market by travelling 3 kms. From there he turns left to his friend Sandeep's house which is 5 kms away. Now he has to get back to his house. How many kms. he has to cover to reach his house ?

- a) 3 kms
  - b) 6 kms
  - c) 8 kms
  - d) 5 kms
- 

**Q11.** Ram and Shyam started from a fixed place. Ram moves 3 km to the North and turns right, then walks 4 km. Shyam moves towards West and walks 5 km, then turns to right and walks 3 km. How far Ram is from Shyam ?

- a) 16 km
  - b) 10 km
  - c) 13 km
  - d) 9 km
- 

**Q12.** Shiela and Belah start from their office and walk in opposite direction each travelling 10 kms. Shiela then turns left and walks 10 kms. Belah turns right and walks 10 km. How far are they now from each other?

- a) 5 km
- b) 20 km
- c) 10 km
- d) 8 km

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**Q13.** A person starts from point S, walks 9 km and reaches point T mid-way between points A and D. Then he goes 2 km towards south, takes 2 left turns and reaches point D. How much distance has he travelled?

- a) 18 km
- b) 20 km
- c) 15 km
- d) 19 km
- e) 21 km

**Q14.** A man starts journey from home. He goes 5 kms to the North, then proceeds 10 kms to the right. From there he again turns right and goes 10 kms. How far is he from home? All distances are measured aerially.

- a) 150
- b) 125
- c) 200
- d) 225

**Q15.** Sunita rode her scooty northwards, then turned left and then again rode to her left 4 km. She found herself exactly 2 kms West of her starting point. How far did she ride northwards initially?

- a) 2 km

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

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### Answers to the above questions :

**Q1. Answer: (d)**

**Q2. Answer: (a)**

**Q3. Answer: (d)**

Point S is south of point C,

So  $CS = 8+8 = 16$  km,  $HS = 4+4 = 8$  km and EF is 10 km

So required answer =  $16 + 8 - 10 = 14$  km

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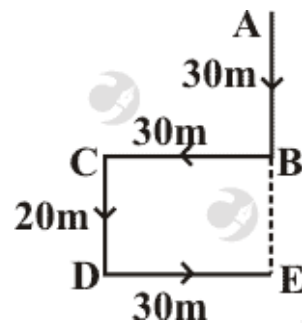
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**Q4. Answer: (d)**

$$X = \$768 = 2 \times 17\$$$

**Q5. Answer: (d)**

**Q6. Answer: (b)**



The movements of the man are as shown in figure.

So, Man's distance from initial position  $A = AE$

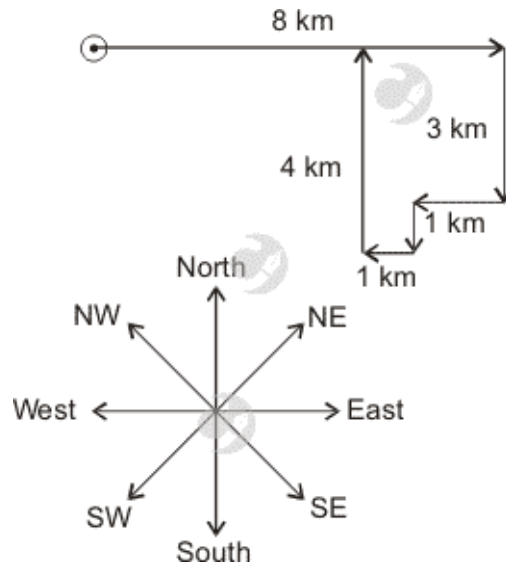
$$AE = (AB + BE) = (AB + CD) = (30 + 20) \text{ m} = 50 \text{ m}.$$

**Q7. Answer: (b)**

$$\text{Required distance} = \sqrt{(8+4)^2 + 4^2} = 4\sqrt{10} \text{ km}$$

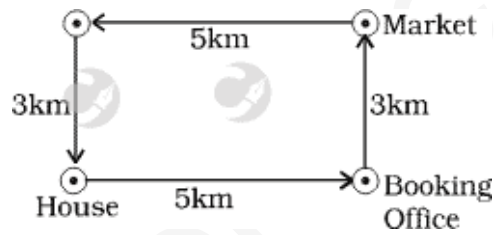
**Q8. Answer: (a)**

**Q9. Answer: (a)**



He is 5km away from the starting point.

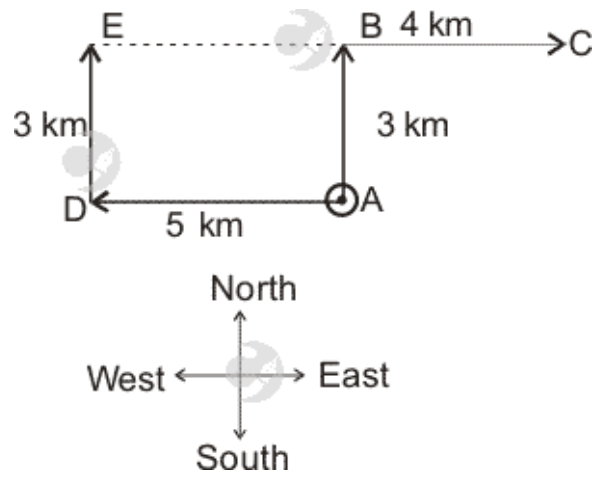
**Q10. Answer: (a)**



Required distance = 3 km

**Q11. Answer: (d)**





$$EC = EB + BC = (5 + 4) \text{ km}$$

$$= 9 \text{ km}$$

**Q12. Answer: (b)**



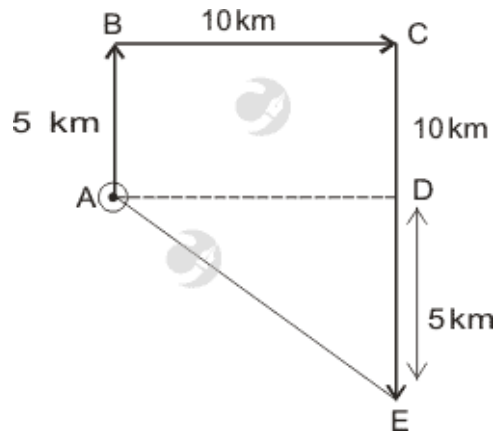
Required distance

$$= 10 + 10 = 20 \text{ km}$$

**Q13. Answer: (d)**

He has travelled =  $9 + 2 + 6 + 2 = 19 \text{ km}$

**Q14. Answer: (b)**



Required distance

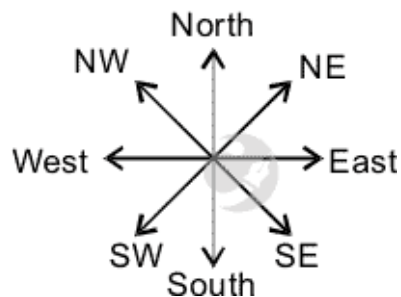
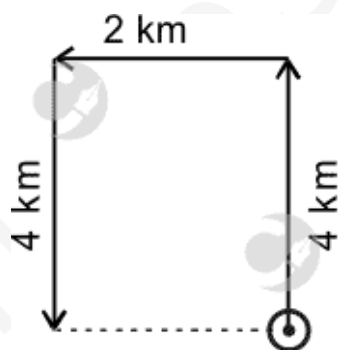
$$AE = \sqrt{AD^2 + DE^2}$$

$$= \sqrt{10^2 + 5^2}$$

$$= \sqrt{100 + 25}$$

$$= \sqrt{125}$$

**Q15. Answer: (d)**



Sunita rode 4 km Northwards.

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