

REASONING QUIZ

Directions (1-3) Read the following questions and answer the question given below:

There are two persons KP and PK, both study in the same school and started at the same time from their respective home towards their school. KP started towards north direction and after moving 2km he turned right and moved 3km further to reach point C from where his school is 4km away in the north east direction. PK started towards west direction and after moving 3km, he turned left and moved 4km further to reach a point R which is 4km towards north-west direction from his school. Point R and C in a straight line.

Q1. If KP travelled $2\sqrt{2}$ km in the north direction from point C to reach point P which is in west direction from his school, then what is the minimum possible distance travelled by him towards east direction to reach his school?

- (a) $\sqrt{8}$ km
- (b) 5km
- (c) $(3+\sqrt{2})$ km
- (d) Can't be determined
- (e) None of these

Q2. Point R is in which direction from PK's home?

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

- (d) South-West
- (e) None of these

Q3. How much total distance did PK travel to reach his school?

- (a) $(3+2\sqrt{2})$ km
- (b) more than 10 km
- (c) $(\sqrt{9}+\sqrt{8})$ km
- (d) Can't be determined
- (e) None of these

Directions (4-6): Read the following information carefully and answer the questions.

There are six teachers in a class A, B, C, D, E and F they are of different ages but not necessarily in the same order. D's age is 3rd lowest and A's age is 5th lowest among all the ages. C is older than E and B but he is not that person who is oldest. E is not youngest.

Q4. Who among the following is 2nd youngest?

- (a) C
- (b) F
- (c) None of these
- (d) A
- (e) E

Q5. Who is the oldest teacher among the following?

- (a) A
- (b) B
- (c) C
- (d) F
- (e) None of these.

Q6. If A's age is 42 and D's age is 35 then what would be the possible age of C?

- (a) 48
- (b) 43
- (c) 44
- (d) 39
- (e) None of these

Directions (7-9): Read the following information and answer the questions that follow.

Two friends A and B started moving in opposite directions from point O. After moving 7m from point O, A turned towards his right and moved 6m after which he turned more than 90 degrees anti-clockwise and moved 10m before stopping at point M which is in line with point O. B turned right after moving 3m from point O and then walked ahead to move 2m. After which he turned to his left to move 2m in west direction. He then took a left turn and moved 14m to reach point N.

Q7. What is the shortest distance between point N and point O?

- (a) 19m
- (b) 13m
- (c) More than 19m
- (d) 15m
- (e) None of these

Q8. In which direction was A facing at point M?

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

Q9. What is the shortest distance between point M and O?

- (a) 14m
- (b) 3m
- (c) 23m
- (d) 15m
- (e) None of these

Directions (10-12): Study the following information carefully and answer the questions given below:

There are seven family members P, Q, R, S, T, U and V, in which there are two married couples. P is sister of Q. Q is son of T's daughter. R is sister-in-law of V, who is father of P. U, is the mother of R. U is married to T.

Q10. What is the relation between Q and R?

- (a) Q is the son of R
- (b) Q is the nephew of R
- (c) R is the father of Q
- (d) Q is daughter-in-law of R
- (e) None of these

Q11. Who among the following is husband of U?

- (a) V
- (b) T
- (c) P
- (d) R
- (e) None of these

Q12. How is S related to U?

- (a) Brother
- (b) Father

- (c) Sister
- (d) Daughter
- (e) None of these

Directions (13-15): Study the following information carefully and answer the given questions.

Point D is 14 m towards the West of Point A. Point B is 4 m towards the South of point D. Point F is 9 m towards the South of point D. Point E is 7 m towards the East of point B. Point C is 4 m towards the North of point E. Point G is 4 m towards the South of point A.

Q13. Which of the following points are in a straight line?

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

Q14. A is in which direction with respect to C?

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

Q15. If a person walks 5 m towards North from point F and then takes a right turn, which of the following points would he reach first?

- (a) G
- (b) D
- (c) E
- (d) A
- (e) C

ANSWERS

- 1. A
- 2. D
- 3. B
- 4. E
- 5. D
- 6. D
- 7. B
- 8. D
- 9. D
- 10. B
- 11. B
- 12. D
- 13. D

14. A

15. C

