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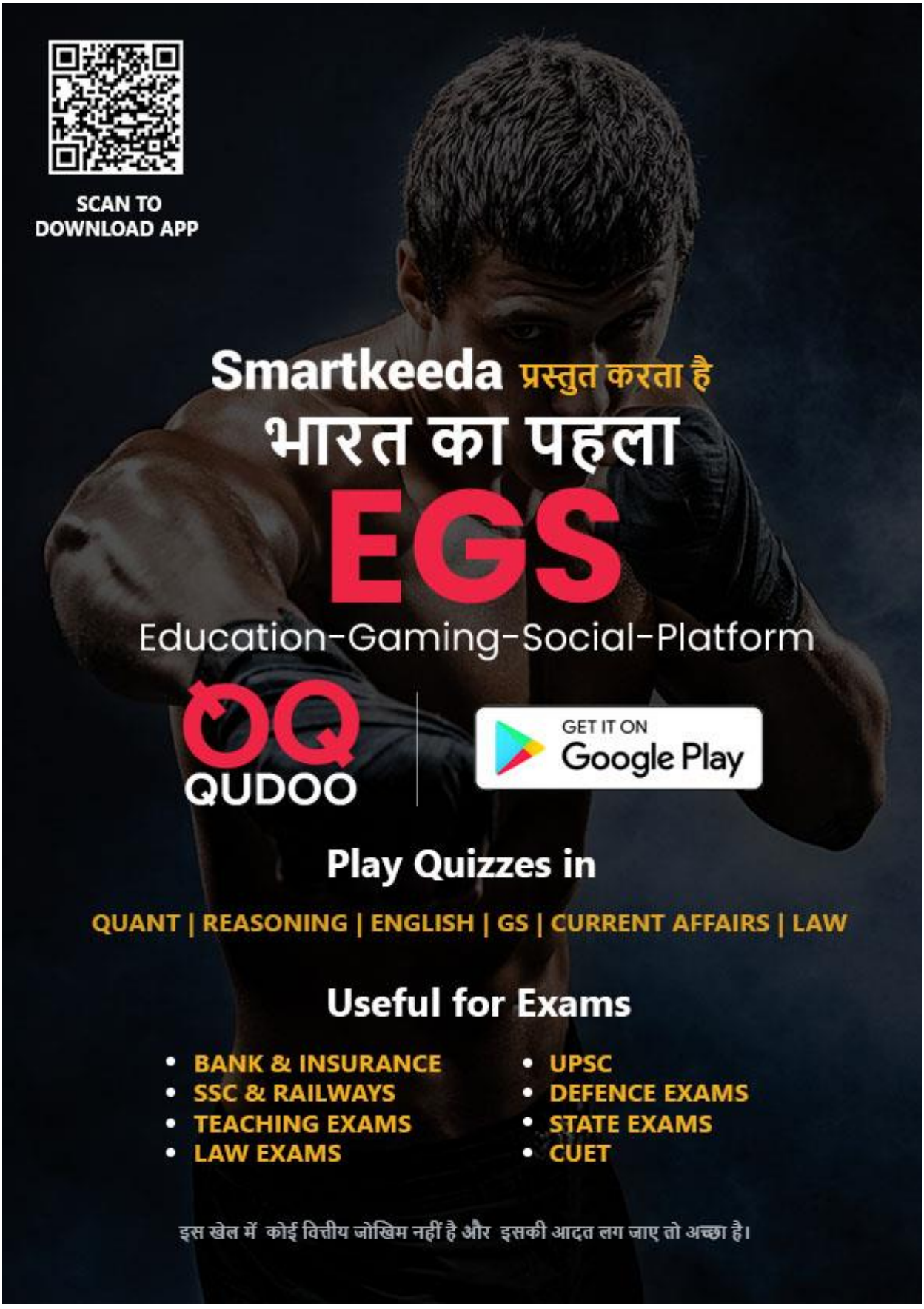
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इस खेल में कोई वित्तीय जोखिम नहीं है और इसकी आदत लग जाए तो अच्छा है।

Puzzle Test for SBI Po Pre, IBPS Po Pre, LIC AAO, SBI Clerk and IBPS Clerk Exams.

Directions (1-5): Read the following puzzle carefully and answer the questions given there of:

In a city there are various road crossings namely A, B, C, P, Q, R, etc. Distance between two crossings is a road.

B is 10 km east of A while P is 12 km south of A. C is 4 km south of B and 6 km east of D. Q is 8 km north of R. Road QD is 12 km in length. T is 8 km south of C. R, P and T are on same road such that P is somewhere between R and T. D is towards East of Q.

1. Length of the road TPR?

A. 12 km B. 18 km C. 16 km D. 20 km E. None of these

2. A is in what direction from T?

A. North-west B. North-east C. South-east D. South E. West

3. Sum of length of roads RP, CD, and CB?

A. 12 km B. 14 km C. 18 km D. 22 km E. None of these

4. If a car has to go crossing D from A. What could be the length it would have to travel?

A. 10 km B. 8√2 km C. 4√2 km D. 8 km E. None of these

5. A few kids want to fly a drone in the city. If they want to fly the drone for least distance between two crossings given as options below, which pair would be the best choice for it?

A. PQ B. QD C. AC D. BD E. AQ

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Correct Answers:

1	2	3	4	5
B	A	C	D	D

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Common Explanations (1-5):

Reference:

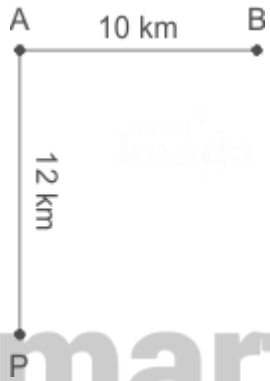
B is 10 km east of A while P is 12 km south of A.

Inference:

We can directly draw this

AB = 10km

AP = 12km



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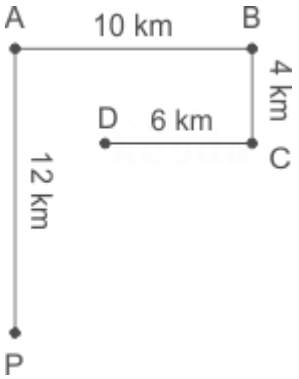
Reference:

C is 4 km south of B and 6 km east of D.

Inference:

We can directly draw this
AB = 10km
AP = 12km
BC = 4 km
CD = 6km



Reference:

Q is 8 km north of R.

Road QD is 12 km in length

R, P and T are on same road such that P is somewhere between R and T.

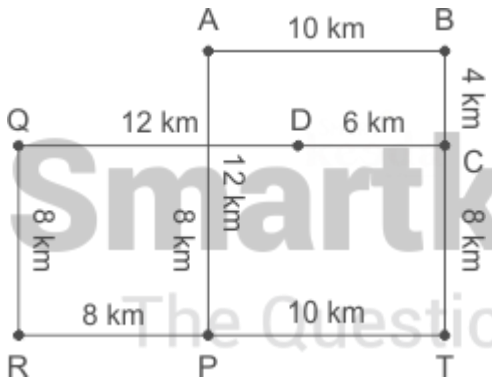
T is 8 km south of C.

Inference:

If we put T on left of P, last point of the reference will not be able to come in the map. It means T must be on the right of P and R on the left of P.

Final arrangement:

AB = 10km, AP = 12 km , BC = 4km, CD = 6 km, QD = 12 km, QR = 8km, CT = 8km, PT = 10 km



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1. From the final arrangement, length QDC is 18 km and it is parallel and equal to TPR.

Thus TPR is 18 km.

Hence, option (B) is correct.

2. From the final arrangement we see that A is north-west of T.

Option (A) is correct..

3. We have RP = 8 km, CD = 6km and CB = 4 km

Sum = 8 + 6 + 4 = 18 km

Option (C) is correct.

4. From final arrangement, car would start from A in south direction and move 4 km. At this (unnamed) crossing, it will take a left turn and on moving 4 km it will reach D.

Total distance = 8 km.

Option (D) is correct.

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5. We find the length between each pair as follows –

$PQ = \sqrt{(8^2 + 8^2)} = 11.3$ km

QD = 12 km

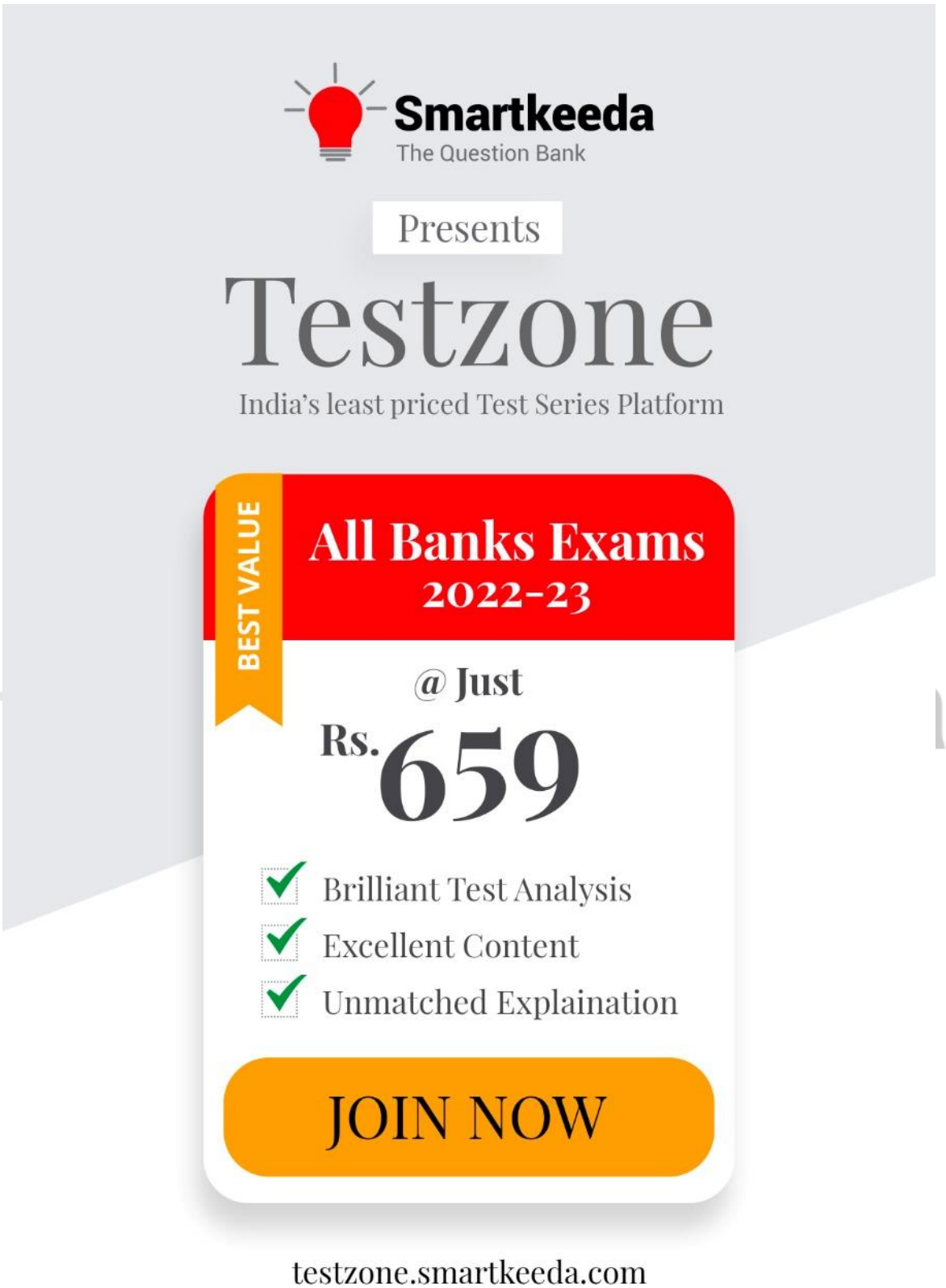
$AC = \sqrt{(10^2 + 4^2)} = 10.8$ km

$BD = \sqrt{(6^2 + 4^2)} = 7.2$ km

$AQ = \sqrt{(8^2 + 4^2)} = 8.9$ km

Length along B and D crossings is least.

Option (D) is correct.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