

Note: If the exam is multi-lingual i.e. English and Hindi. Hindi solutions will be after the completion of English solutions.

QUESTION 1.

Arun is looking for his brother. He went 90 metres in the East direction before turning to his right. He went 20 meters before turning to his right again to look for his brother at his uncle's place 30 metres from this point. His brother was not there. From here he went 100 metres to the North before meeting his brother in a street. What is the smallest distance between the starting point and his brother's position?

- a) 80 metres
- b) 100 metres
- c) 140 metres
- d) 260 metres

QUESTION 2.**Passage**

In each question two/three statements followed by two conclusions numbered I and II have been given. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow from the given statements disregarding commonly known facts.

Statements:

- I. Some dancers are writers.
- II. All writers are students.

Conclusions:

- I. Some students are dancers.
- II. Some students are writers.
- III. No student is a dancer.

Choose the correct code

- a) Either conclusion I or III follows.
- b) Only conclusions II and III follow.
- c) Only conclusions I and II follow.
- d) All conclusions I, II and III follow

QUESTION 3.**Passage**