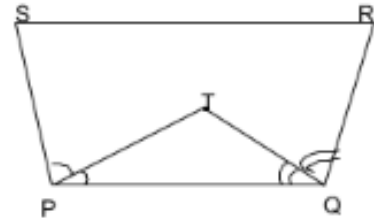


DELHI PUBLIC SCHOOL, MIYAPUR

SECTION-B

16. PQRS is a quadrilateral. PT and QT are angle bisectors of $\angle P$ and $\angle Q$ respectively. If $\angle S = 70^\circ$, $\angle R = 50^\circ$ then find $\angle PTQ$.



(A) 120°

(B) 80°

(C) 60°

(D) 100°

☐ (A) Option A

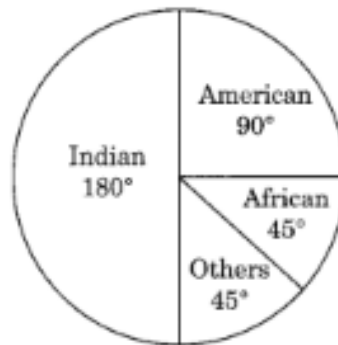
☐ (B) Option B

☒ (C) Option C

☐ (D) Option D

Clear selection

Directions (Q.17): The following pie chart depicts the percentage of students, nationwide.



17. The percentage of Indian and African students respectively is?

- ☒ (A) 50%, 12.5%
- ☐ (B) 80%, 20%
- ☐ (C) 60%, 15%
- ☐ (D) 90%, 22.5%

Clear selection

18. In a quadrilateral ABCD, $\angle A : \angle B : \angle C : \angle D = 5 : 3 : 6 : 4$. Find all the angles.

(A) 50° , 30° , 60° and 40°

(B) 150° , 30° , 120° and 60°

(C) 100° , 60° , 120° and 80°

(D) 75° , 45° , 90° and 60°

- ☐ (A) Option A
- ☐ (B) Option B
- ☒ (C) Option C
- ☐ (D) Option D

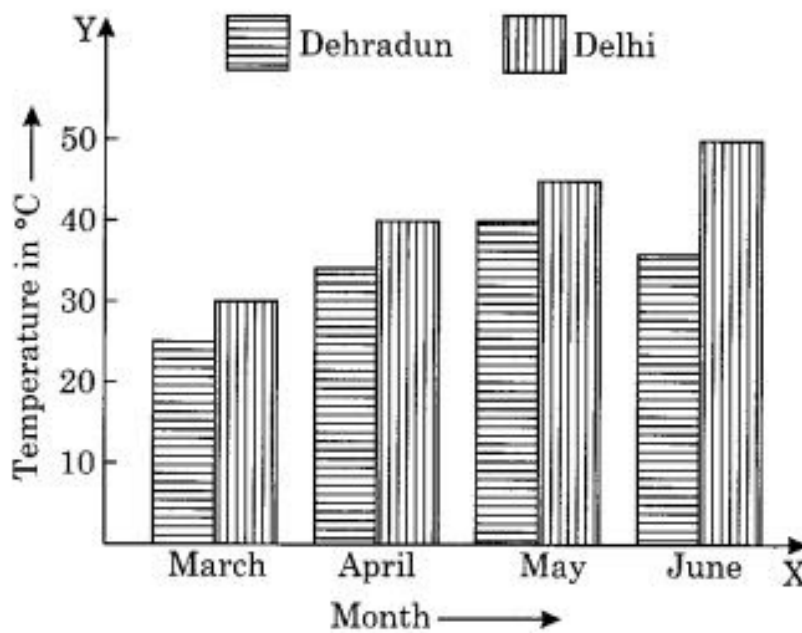
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19. Perimeter of a kite is 100cm and its one side is 10cm. Find the other three sides.

- ☒ (A) 10cm, 40cm, 40cm
- ☐ (B) 10cm, 50cm, 30cm
- ☐ (C) 20cm, 30cm, 40cm
- ☐ (D) 15cm, 25cm, 50cm

Clear selection

Directions (Q. 20): The double bar graph shows the average monthly temperatures of two cities over a 4 months period. Read the graph carefully and answer the questions given below:



20. The values of the average monthly temperature in Dehradun in May month and combined monthly average temperature in Delhi for the 3 months March, April and June respectively are .

(A) 40°C , 30°C

(B) 35°C , 45°C

(C) 35°C , 25°C

(D) 40°C , 40°C

☐ (A) Option A

☐ (B) Option B

☐ (C) Option C

☒ (D) Option D

Clear selection

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