

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

**QUESTION 1.**

How many triangles can be formed by joining the vertices of a hexagon?

- a) 18
- b) 20
- c) 21
- d) 23

**QUESTION 2.**

'+' stands for division, ' $\div$ ' stands for multiplication, 'x' stands for subtraction and '-' stands for addition. Which one of the following equations is correct?

- a)  $18 + 6 - 7 + 5 \times 2 = 20$
- b)  $18 + 6 \div 7 \times 5 - 2 = 18$
- c)  $18 + 6 \div 7 + 5 - 2 = 16$
- d)  $18 \div 6 \times 7 + 6 - 2 = 22$

**QUESTION 3.**

Find the wrong number from the given series

32   144   576   2020   6048   15120

- a) 576
- b) 2020
- c) 6048
- d) 15120

**QUESTION 4.**

How many diagonals can be drawn by joining the vertices of an octagon?

- a) 20