





WBCS MAINS 2022



REASONING

MOST EXPECTED QUESTIONS SET-5



LIVE 07:00 PM



12 AUGUST 2022



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- 1. What number should come next in the sequence
- 19, 2, 38, 3, 114, 4, — ?
-
- (A) 228
- (B) 256
- (C) 356
- **(D) 456**



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- Q2. Arrange the words given below in a meaningful sequence.
- 1. Word
- 2. Paragraph
- 3. Sentence
- 4. Letters
- 5. Phrase
- A.4, 1, 5, 2, 3
- B.4, 1, 3, 5, 2
- C.4, 2, 5, 1, 3
- D.4, 1, 5, 3, 2



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- 3. Fill the blank in the series looking at both the letter pattern and the number pattern -
 - $B_2CD, \text{—}, BCD_4, B_5CD, BC_6D$
 -
 - (A) B_2C_2D
 - **(B) BC_3D**
 - (C) B_2C_3D
 - (D) BCD_7



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- 4. The sum of the present ages of a father and his son is 60 years. Six years ago, father's age was five times the age of the son. After 6 years, son's age will be:
 - A.12 years
 - B.14 years
 - C.18 years
 - D.20 years



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- 5. If $P + Q$ means P is the brother of Q; $P \times Q$ means P is the wife of Q and $P \% Q$ means P is the daughter of Q then which of the following means D is the uncle of A?
 - A. $A \% B \times C + D$
 - B. $A \times B + C \% D$
 - C. $A + C \% B \times D$
 - D. None of these



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- 6. A is the son of C; C and Q are sisters; Z is the mother of Q and P is the son of Z. Which of the following statements is true?
- **A.** P and A are cousins
- **B.** P is the maternal uncle of A
- **C.** Q is the maternal grandfather of A
- **D.** C and P are sisters



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- 7. From his house, Lokesh went 15 km to the North. Then he turned west and covered 10 km. Then he turned south and covered 5 km. Finally turning to the east, he covered 10 km. In which direction is he from his house?
- **A. East**
- **B. West**
- **C. North**
- **D. South**



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- 8. Radha moves towards South-East a distance of 7 km, then she moves towards West and travels a distance of 14 km. From here she moves towards North-West a distance of 7 km and finally she moves a distance of 4 km towards east. How far is she now from the starting point?
 - A.3 km
 - B.4 km
 - C.10 km
 - D.11 km



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- **9.Question:** In which year was Rahul born ?
- **Statements:**
- I.Rahul at present is 25 years younger to his mother.
- II.Rahul's brother, who was born in 1964, is 35 years younger to his mother.
- **A.**I alone is sufficient while II alone is not sufficient
- **B.**II alone is sufficient while I alone is not sufficient
- **C.**Neither I nor II is sufficient
- **D.**Both I and II are sufficient



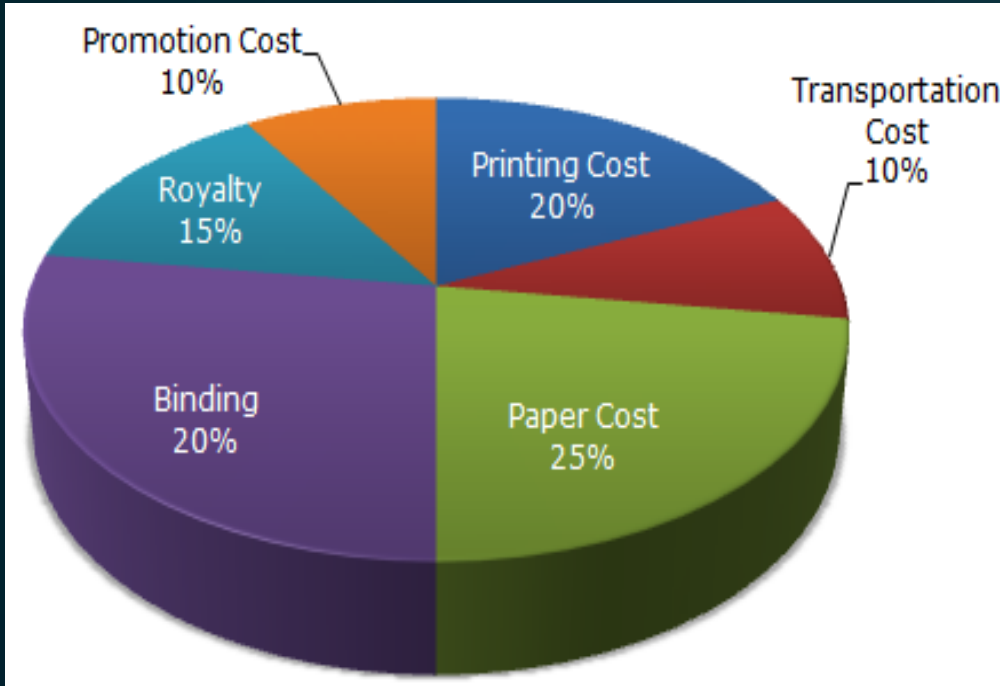
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- **10Question:** Among A, B, C, D and E, who is in the middle while standing in a row ?
- **Statements:**
- I.C, who is third to the left of D, is to the immediate right of A and second to the left of E.
- II.C is second to the left of E, who is not at any of the ends and who is third to the right of A. D is at one of the ends.
- **A.**I alone is sufficient while II alone is not sufficient
- **B.**II alone is sufficient while I alone is not sufficient
- **C.**Either I or II is sufficient
- **D.**Neither I nor II is sufficient



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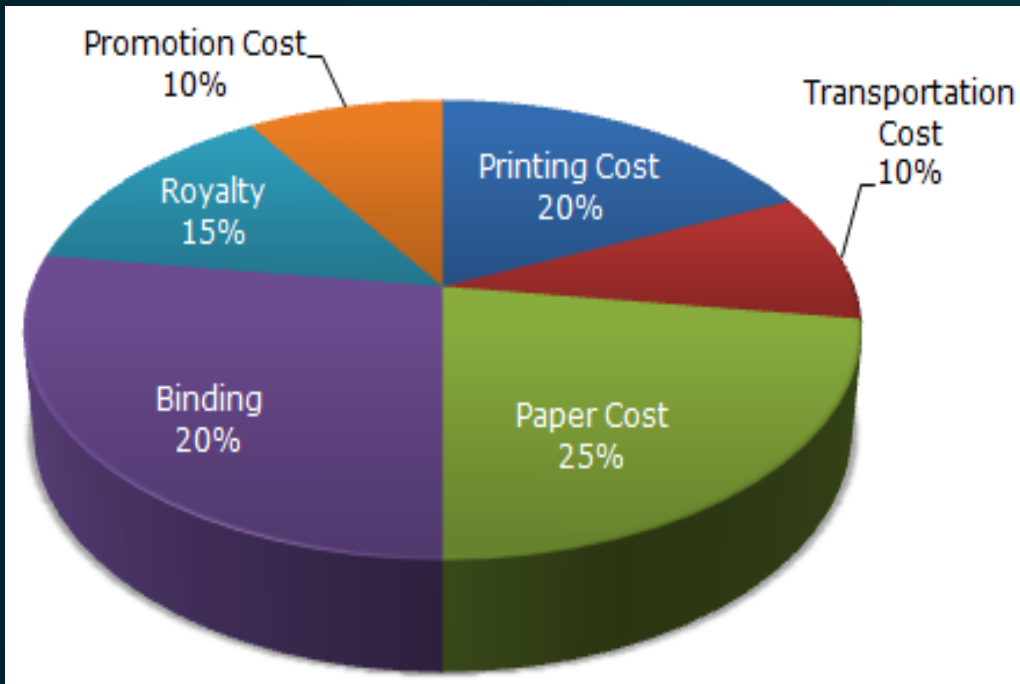
- Q12. If for a certain quantity of books, the publisher has to pay Rs. 30,600 as printing cost, then what will be amount of royalty to be paid for these books?
- A.Rs. 19,450
- B.Rs. 21,200
- C.Rs. 22,950
- D.Rs. 26,150



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- Q13. What is the central angle of the sector corresponding to the expenditure incurred on Royalty?



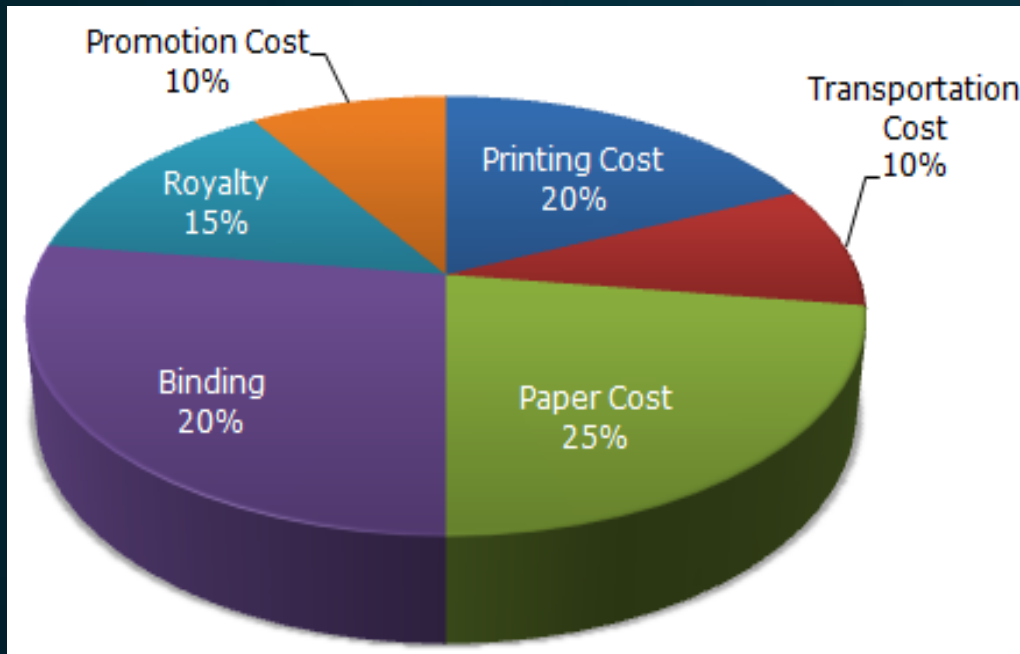
- A. 15°
- B. 24°
- C. 54°
- D. 48°



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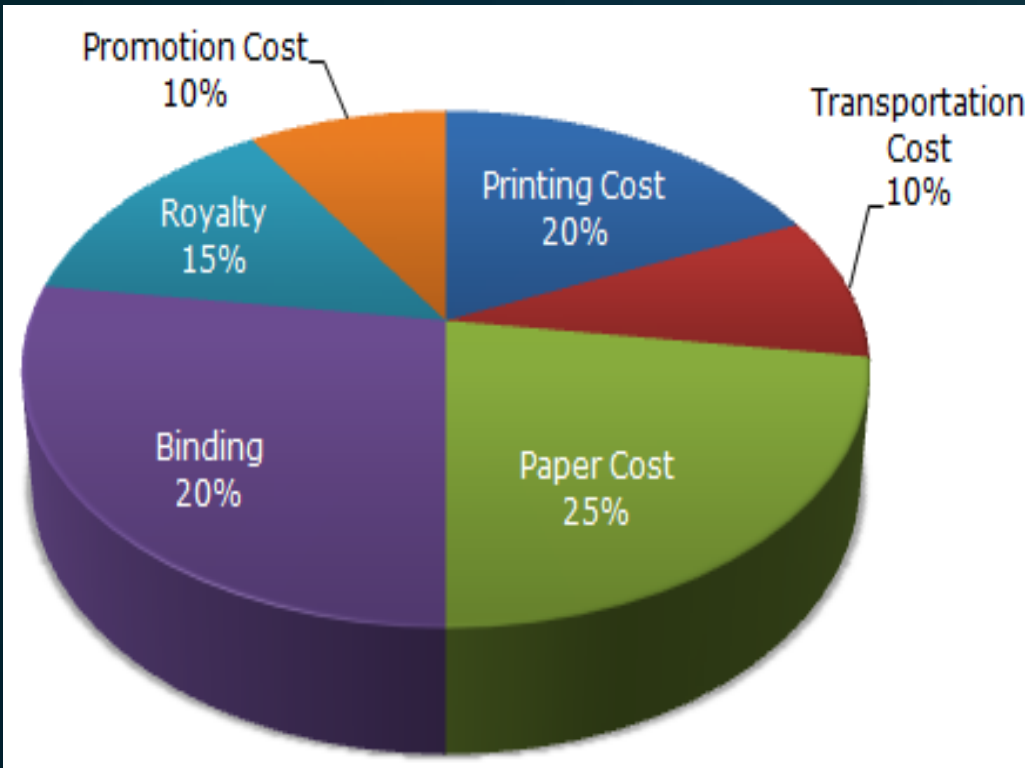
- Q14. The price of the book is marked 20% above the C.P. If the marked price of the book is Rs. 180, then what is the cost of the paper used in a single copy of the book?



- A.Rs. 36
- B.Rs. 37.50
- C.Rs. 42
- D.Rs. 44.25



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- Q15. If 5500 copies are published and the transportation cost on them amounts to Rs. 82500, then what should be the selling price of the book so that the publisher can earn a profit of 25%?
- A.Rs. 187.50
- B.Rs. 191.50
- C.Rs. 175
- D.Rs. 180



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THANK YOU

