





WBCS MAINS 2022



MATHS

MOST EXPECTED QUESTIONS

PART-3



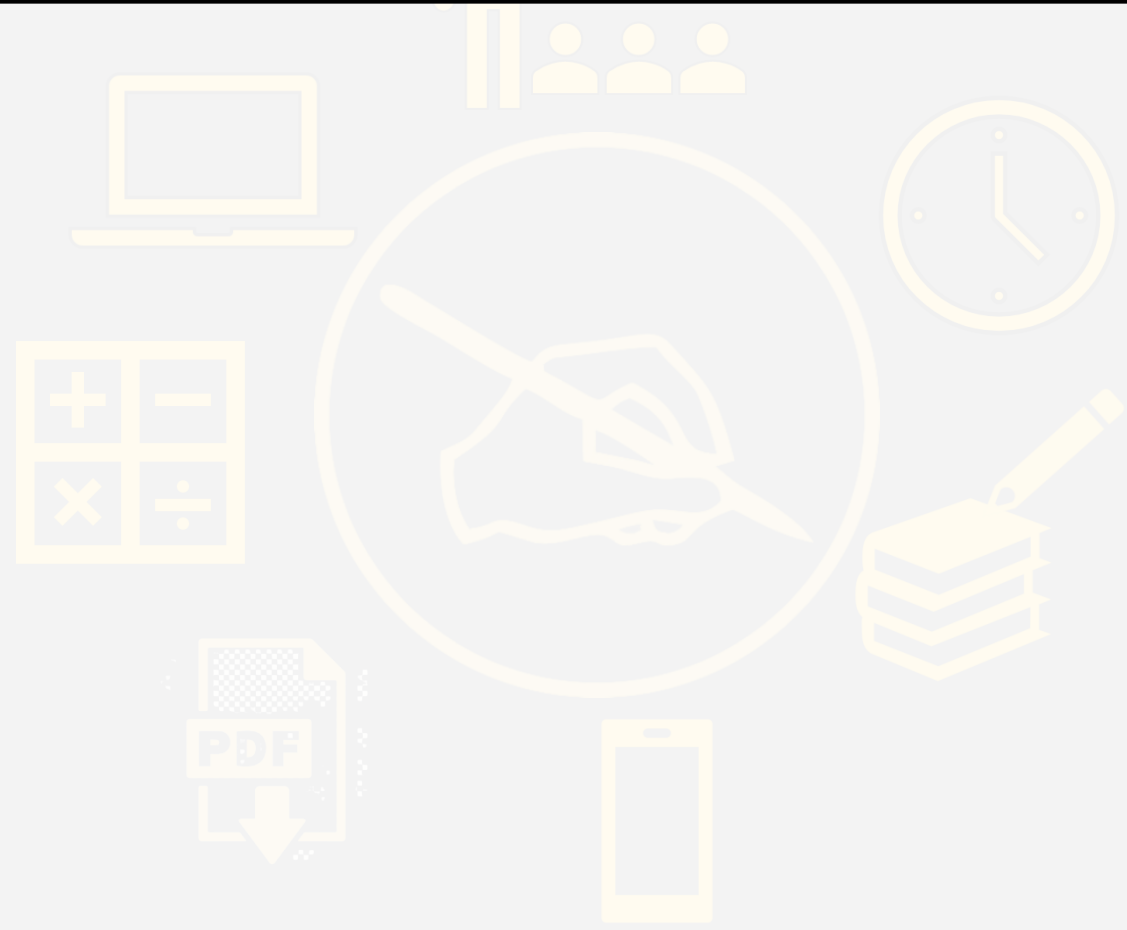
LIVE 06:00PM |  **26 AUGUST 2022**



1. Three Rabbits A, B, and C move in such a way that when A takes 7 steps, B takes 8 steps and C takes 9 steps. But 4 steps of A are equal to 5 steps of B and 6 steps of C. What is the ratio of their speeds?



2. What will be the average of 14, 17, 20, 23.....47, and 50?



3. In a class of 60 students, 40% can speak only Hindi, 25% can speak only English and rest of the students can speak both the languages. How many students can speak English ?



4. Which of the following words can be formed using only the letters of the word "PSCEXAMINATION" ? (When framing a word you can use any letter at most the number of time/ times it appears in the above word.)?



5. The digit in unit's place of the product $81 \times 82 \times \dots \times 89$ is?



6. A reduction of 20% in the price of strawberries enables a person to purchase 12 more for Rs. 15. What was the price of 16 strawberries before reduction of price?



7. The ratio of the no. of white balls in a bag to that of black balls is $1 : 2$. If 9 grey balls are added the ratio of nos. of white, black and grey becomes $2 : 4 : 3$. How many black balls were in the bag ?



8. The unit's digit present in the product $274 \times 318 \times 577 \times 313$ is?



