NUMBER SYSTEM

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Practice Problems with Solution

Question 1: Find no. of zeros in 200! + 100! ?

A: 49

B: 24

C: 37

D: 41

Question 2: Find no. of zeros in 200! – 100! ?

A: 49

B: 24

C: 37

D: 41

Question 3: Find no. of zeros in 200! Divided by 100! ?

A: 24

B: 25

C: 17

D: 15

Question 4: Find to total no. of zeros in – 1 X 3 X 5 X 7 X ....X125?

A: 0

B: 2

C: 3

D: 4

Question 5: Find to total no. of zeros in 2 x 4 x 6 x 8 x ....x 98 x 100?

A: 10

B: 12

C: 11

D: 10

Question 6: Find no. of zeros in – 2 X 4 X 6 X 8 X 10 X ....X 300?

A: 87

B: 46

C: 57

D: 37

Question 7: Find no. of zeros in first 500 multiples of 5   ?

A: 220

B: 170

C: 140

D: 124

Question 8: Find no. of zeros in 512 x 513 x 514 x ....x 1026?

A: 255

B: 126

C: 129

D: 154

Question 9:10 x 20 x 30 x 40 x .... X 250 – Find no. of zeros?

A: 49

B: 128

C: 25

D: 31

Question 10: Find the maximum value of n when 50! Is divided by 5^n?

A: 10

B: 8

C: 7

D: 12

Answers and Solutions

1:- B, 24

2:- B, 24

3:- B, 25

4:- A, 0

5:- B, 12

6:- D, 37

7:- D, 124

8:- C, 129

9:- D, 31

10:- D, 12

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