

# SUPER 60

## JEE MAINS: APRIL 2019 SPECIAL



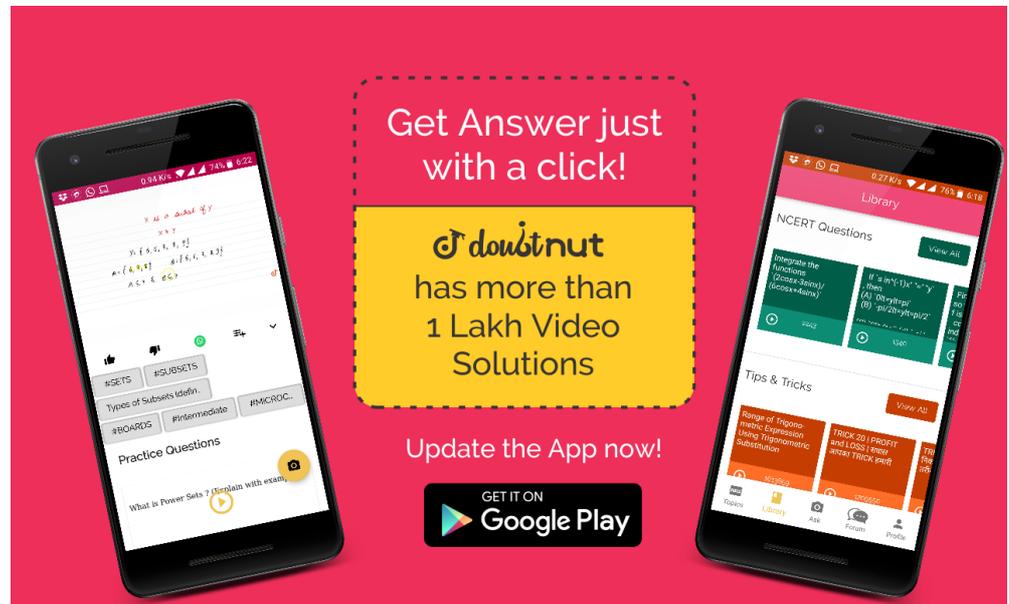
Target 75+ in Maths

### SEQUENCES AND SERIES

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Ques No.	Question
1 - 2649341	If $5^{th}$ , $8^{th}$ and $11^{th}$ terms of a G.P. are $p, q$ and $s$ respectively then , (A) $p^2 = qs$ (B) $q^2 = ps$ (C) $s^2 = pq$ (D) none <a href="#">Watch Free Video Solution on Doubtnut</a>
2 - 3301228	Total number of terms in the progression $96 + 48 + 24 + 12 + \dots + \frac{3}{16}$ is (A) 9 (B) 10 (C) 15 (D) 20 <a href="#">Watch Free Video Solution on Doubtnut</a>
3 - 5727594	Find the $9^{th}$ term in series $2, 4, 8, 16, \dots$ (A) 512 (B) 256 (C) 128 (D) none of these <a href="#">Watch Free Video Solution on Doubtnut</a>
4 - 15149	If $a, b, c, d$ are in G.P., then the value of $(a - c)^2 + (b - c)^2 + (b - d)^2 - (a - d)^2$ is (A) 0 (B) 1 (C) $a + d$ (D) $a - d$ <a href="#">Watch Free Video Solution on Doubtnut</a>
5 - 206061	If 6th term of a GP. is $-\frac{1}{32}$ and 9th term is $\frac{1}{256}$ , then 11th term = (A) 1024 (B) $\frac{1}{1024}$ (C) $\frac{1}{256}$ (D) $\frac{1}{512}$ <a href="#">Watch Free Video Solution on Doubtnut</a>
6 - 85723	The $6^{th}$ term from the end of the G. P. $8, 4, 2, 1, \dots, \frac{1}{1024}$ (A) $\frac{1}{64}$ (B) 32 (C) $\frac{1}{32}$ (D) none of these <a href="#">Watch Free Video Solution on Doubtnut</a>
7 - 99445	If $x, 2x + 2, 3x + 3$ are in G. P. , then the fourth term is (A) 27 (B) $-27$ (C) 13.5 (D) $-13.5$

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8 - 3022900

The  $n^{\text{th}}$  term of a GP is 128 and the sum of its  $n$  terms is 255. If its common ratio is 2 then its first term is. (A)  $\frac{1}{2}$  (B)  $\frac{1}{4}$  (C)  $\frac{1}{8}$  (D) 1

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9 - 206124

If the fourth term of a H.P is  $\frac{1}{3}$  and 7th term is  $\frac{1}{4}$ , then 16th term is (A)  $\frac{1}{5}$  (B)  $\frac{1}{6}$  (C)  $\frac{1}{7}$  (D)  $\frac{1}{8}$

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10 - 41951

The sixth term of an A.P.  $a_1, a_2, a_3, \dots, a_n$  is 2. If the quantity  $a_1 a_4 a_5$  is minimum then the common difference of the A.P. is (A)  $\frac{2}{3}$  (B)  $\frac{8}{5}$  (C)  $\frac{1}{3}$  (D)  $\frac{2}{9}$

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11 - 261587

The number of terms in the sequence 1, 3, 6, 10, 15, 21, .....5050 is- (A) 50 (B) 100 (C) 101 (D) 105

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12 - 85747

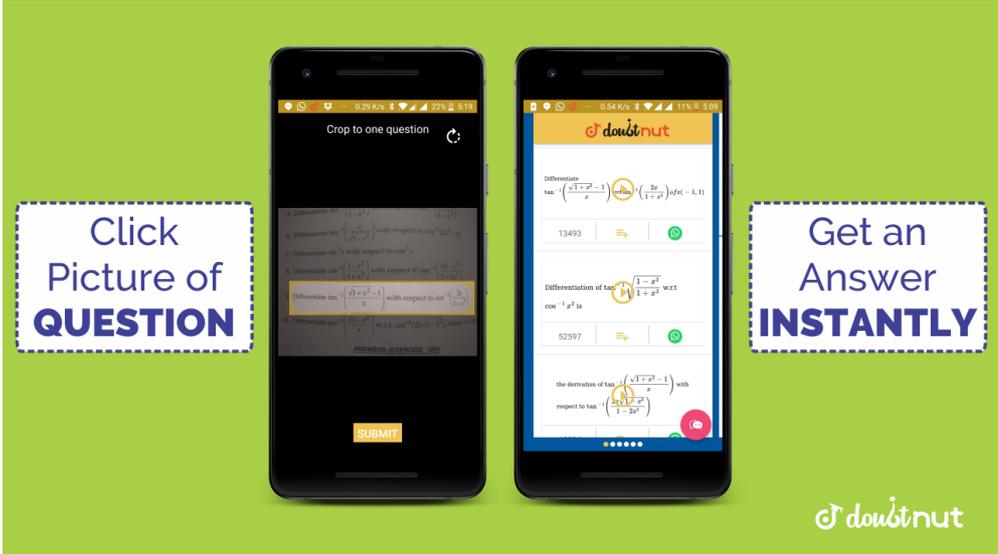
The sum of  $n$  terms of an A.P. is  $3n^2 + n$ ; then its  $p^{\text{th}}$  term is (A)  $6P + 2$  (B)  $6P - 2$  (C)  $6P - 1$  (D) none of these

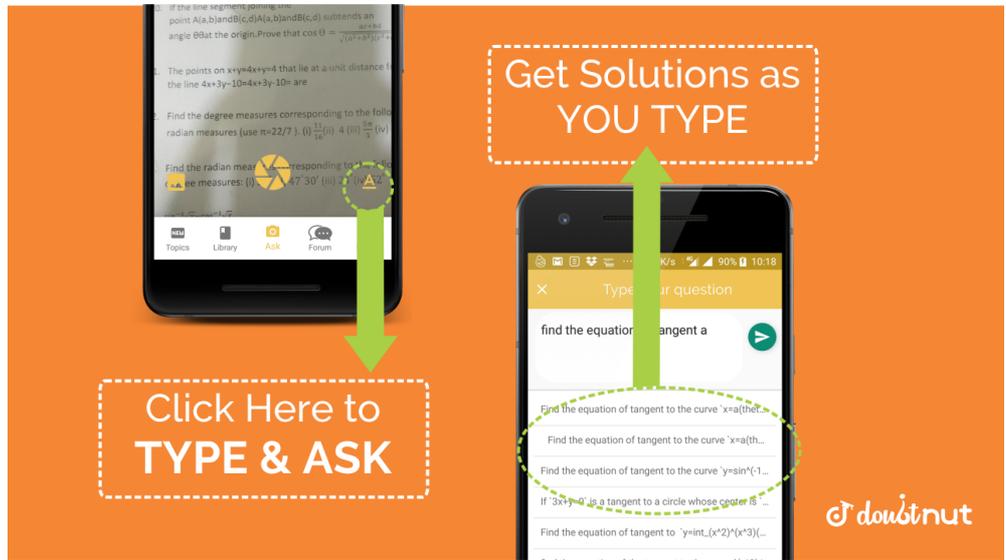
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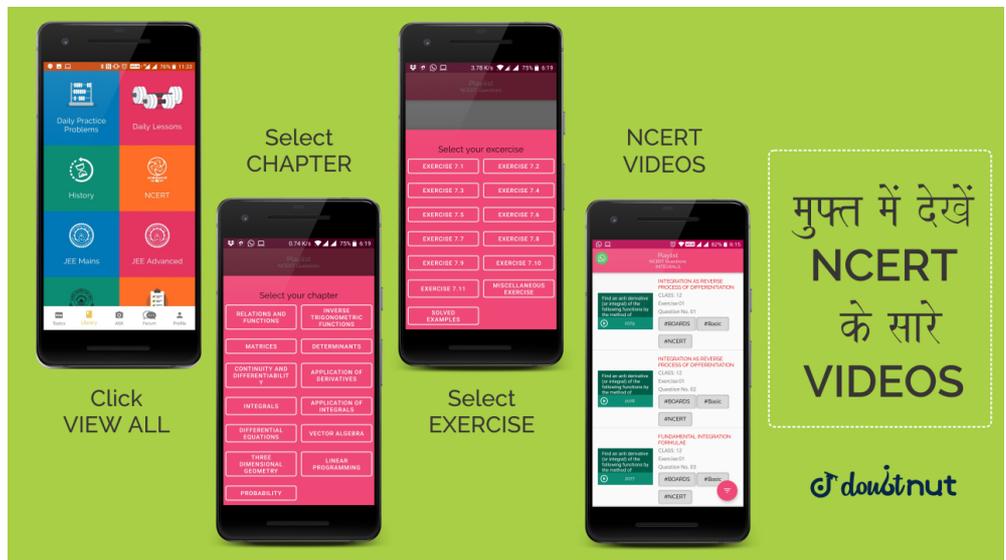
13 - 41946

If sum of first  $n$  terms of a series is  $\frac{n}{n+1}$  find  $\frac{1}{T_8}$  where  $T_8$  is the eighth term of the series (A) 64 (B) 80 (C) 75 (D) 72

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14 - 97828	$\frac{1}{2.5} + \frac{1}{5.8} + \frac{1}{8.11} + \dots n \text{ terms} =$ (A) $\frac{n}{6n+4}$ (B) $\frac{n}{3n+2}$ (C) $\frac{n}{4n+6}$ (D) $\frac{1}{2(2n+3)}$ <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
15 - 246024	The sum of the first 20 terms common between the series $3 + 7 + 11 + 15 + \dots$ and $1 + 6 + 11 + 16 + \dots$ is A) 4020 B) 4220 C) 4200 D) 4000 <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
	
16 - 1212279	The sum to 101 terms of an A.P. is 1212. The middle term is (A) 6 (B) 12 (C) 24 (D) 26 <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
17 - 7706	The value of $\frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \dots + \frac{1}{90}$ is : (A) $\frac{1}{5}$ (B) $\frac{2}{5}$ (C) $\frac{3}{5}$ (D) none of these <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
18 - 17585	The sum of the infinite series is $\frac{1}{1.3} + \frac{1}{3.5} + \frac{1}{5.7} + \dots \infty$ (A) $\frac{1}{7}$ (B) $\frac{1}{3}$ (C) $\frac{1}{5}$ (D) $\frac{1}{2}$ <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
19 - 58345	Find the sum of n terms of the series $\frac{1}{2 \cdot 4} + \frac{1}{4 \cdot 6} + \dots$ (A) $\frac{n}{n+1}$ (B) $\frac{n}{4(n+1)}$ (C) $\frac{1}{(2n)(2n+2)}$ (D) $\frac{1}{2^n(2^n+2)}$ <a href="#">📺 Watch Free Video Solution on Doubtnut</a>
20 - 60463	The sum of $1^3 + 2^3 + 3^3 + \dots + 15^3$ is (A) 22000 (B) 10000 (C) 14400 (D) 15000 <a href="#">📺 Watch Free Video Solution on Doubtnut</a>

<p>21 - 3309727</p>	<p>The value of <math>\left[ \left( -2\frac{3}{4} \right) - \left( -1\frac{3}{4} \right) \right] + \left[ \left( -2\frac{3}{4} \right) - \left( -1\frac{3}{4} \right) \right] + \dots</math> upto 30 terms is          (A) -1 (B) 1 (C) 30 (D) -30</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
<p>22 - 42006</p>	<p>If <math>1 + 2 + 3 + \dots + 49 = x</math>, then <math>1^3 + 2^3 + 3^3 + \dots + 49^3</math> is equal to (A) <math>X^3</math> (B) <math>X^2</math> (C) <math>X^2 + X</math> (D) none of these</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
<p>23 - 168851</p>	<p>The value of <math>1^2 + 3^2 + 5^2 + \dots + 25^2</math> is (A) 1728 (B) 1456 (C) 2925 (D) none</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
	
<p>24 - 39532</p>	<p>The value of <math>\frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \dots + \frac{1}{90}</math> is (A) <math>\frac{1}{5}</math> (B) <math>\frac{2}{5}</math> (C) <math>\frac{3}{5}</math> (D) None of these</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
<p>25 - 92456</p>	<p>The value of <math>1 + 1.1! + 2.2! + 3.3! + \dots + n.n!</math> is (A) <math>(n+1)! + 1</math> (B) <math>(n-1)! + 1</math> (C) <math>(n+1)! - 1</math> (D) <math>(n+1)!</math></p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
<p>26 - 206230</p>	<p>The sum of 15 terms of the series <math>1 + (1 + 3) + (1 + 3 + 5) + (1 + 3 + 5 + 7) + \dots</math> is <math>10 \times \lambda</math> then value of <math>\lambda =</math> (A) 124 (B) 240 (C) 220 (D) 142</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>
<p>27 - 376111</p>	<p>Find the sum of the series <math>1 + (1 + 2) + (1 + 2 + 3) + (1 + 2 + 3 + 4) + \dots + (1 + 2 + 3 + \dots + 20)</math>. (A) 1470 (B) 1540 (C) 1610 (D) 1370</p> <p><a href="#">👁 Watch Free Video Solution on Doubtnut</a></p>

<p>28 - 46703</p>	<p>50th term of the sequence <math>3 + 12 + 25 + 42 + \dots</math> is (A) 5145 (B) 5148 (C) 5142 (D) 5195</p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
<p>29 - 4055383</p>	<p>The maximum sum of the series <math>20 + 19\frac{1}{3} + 18\frac{2}{3} + \dots</math> is (A)310 (B) 300 (C) 0320 (D) none of these</p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
<p>30 - 4954879</p>	<p><math>99^{th}</math> term of the series <math>2 + 7 + 14 + 23\dots</math> (A) 9998 (B) 9999 (C) 10000 (D)100000</p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
<p>31 - 4728753</p>	<p>If <math>x,y,z</math> are in GP and <math>a^x = b^y = c^z</math> then (A) <math>\log_b a = \log_a c</math> (B) <math>\log_c b = \log_a c</math> (C) <math>\log_b a = \log_c b</math> (D) none of these</p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
	
<p>32 - 5991166</p>	<p>Let <math>a, b</math> are roots of equation <math>x^2 - 3x + p = 0</math> and <math>c, d</math> are roots of equation <math>x^2 - 12x + q = 0</math>. If <math>a, b, c, d</math> (taken in that order) are in geometric progression then <math>\frac{q+p}{q-p}</math> is equal to (A) <math>\frac{5}{7}</math> (B) <math>\frac{15}{17}</math> (C) <math>\frac{17}{15}</math> (D) <math>\frac{7}{5}</math></p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
<p>33 - 115061</p>	<p>The real roots of the equation <math>2x^3 - 19x^2 + 57x + k = 0</math> are the first three terms of a geometric progression. The value of <math>k</math> equals - (A) 216 (B) 108 (C) <math>-54</math> (D) <math>-108</math></p> <p><a href="#">📺 Watch Free Video Solution on Doubtnut</a></p>
<p>34 - 8726</p>	<p>If <math>x, 2y, z</math> are in AP where the distinct numbers <math>x, y, z</math> are in GP. Then the common ratio of the GP is (A) 3 (B) <math>\frac{1}{3}</math> (C) 2 (D) <math>\frac{1}{2}</math></p>

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35 - 52558

If  $a, b, c$  are in GP., then the equations  $ax^2 + 2bx + c = 0$  and  $dx^2 + 2ex + f = 0$  have a common root if  $\frac{d}{a}, \frac{e}{b}, \frac{f}{c}$  are in (A) A.P. (B) G.P. (C) H.P. (D) none of these

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36 - 42114

If  $\frac{1}{b-a} + \frac{1}{b-c} = \frac{1}{a} + \frac{1}{c}$ , then  $a, b, c$  are in (A) AP (B) GP (C) HP (D) NONE

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37 - 47799

Greatest positive term of a H.P. whose first two terms are  $\frac{2}{5}$  and  $\frac{12}{23}$  is (A) 6 (B) 5 (C)  $\frac{1}{6}$  (D)  $\frac{37}{7}$

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38 - 1130223

If  $\cos(\theta - \phi), \cos(\theta), \cos(\theta + \phi)$  are in HP, the value of  $\cos(\theta)\sec\left(\frac{\phi}{2}\right)$  is (A) 2 (B)  $\sqrt{2}$  (C) 1 (D) none of these

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39 - 90156

In a class of 15 students, on an average, each student got 12 books. If exactly two students received same number of books, and remaining student books average be an integer then which of the following could be the number of books received by each of the two students who received same number of books? (A) 11 (B) 15 (C) 20 (D) 25

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40 - 2764693

if  $2^a 2^b 2^c = 256$ , vthen the average of  $a, b, c$  is (A)  $\frac{8}{3}$  (B)  $\frac{256}{3}$  (C)  $\frac{4}{3}$  (D) 8

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41 - 27273

let the rth term of the series is given by  $tr = \frac{r}{1 + r^2 + r^4}$  then  $\lim_{n \rightarrow \infty} \sum_{r=1}^n tr$  is equal to: (A)

$\frac{1}{2}$  (B) 1 (C) 2 (D)  $\frac{1}{4}$

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42 - 4582561

The sum of  $\left[\frac{1}{2}\right] + \left[\frac{1}{2} + \frac{1}{2000}\right] + \left[\frac{1}{2} + \frac{2}{2000}\right] + \left[\frac{1}{2} + \frac{3}{2000}\right] + \dots + \left[\frac{1}{2} + \frac{1999}{2000}\right]$  where  $[.]$  denote the greatest integer function, is equal to: (A) 1000 (B) 999 (C) 1001 (D) none of these

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43 - 123375

Let  $P$  be a product given by  $P = (x + a_1)(x + a_2)\dots(x + a_n)$  and Let  $S_1 = a_1 + a_2 + \dots + a_n = \sum_{i=1}^n a_i, S_2 = \sum_{i < j} a_i \cdot a_j, S_3 = \sum_{i < j < k} a_i \cdot a_j \cdot a_k$ , and so onow that then it can be show that  $P = x^n + S_1 x^{n-1} + S_2 x^{n-2} + \dots + S_n$ . The coefficient of  $x^8$  in the expression  $(2 + x)^2(3 + x)^3(4 + x)^4$  must be (A)26 (B)27 (C)28 (D)29

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44 - 61890

Sum of n terms of series  $12 + 16 + 24 + 40 + \dots$  (A)  $2(2^n - 1) + 8n$  (B)  $2(2^n - 1) + 6n$  (C)  $3(2^n - 1) + 8n$  (D)  $4(2^n - 1) + 8n$

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45 - 1212559

If the sum to infinity of the series  $1 + 4x + 7x^2 + 10x^3 + \dots$  is  $\frac{35}{16}$  then  $x =$  (A)  $\frac{1}{5}$  (B)  $\frac{2}{5}$  (C)  $\frac{3}{7}$  (D)  $\frac{1}{7}$

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46 - 33630

If  $a, b, c$  be the pth, qth and rth terms of a G.P., then  $(q-r) \log a + (r-p) \log b + (p-q) \log c$  is equal to (A) 0 (B)  $abc$  (C)  $ap + bq + cr$  (D) none of these

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47 - 5837957

If the sum of n terms of a G.P. (with common ratio r) beginning with the  $p^{th}$  term is k times the sum of an equal number of terms of the same series beginning with the  $q^{th}$  term, then the value of k is. (A)  $r^{\frac{p}{q}}$  (B)  $r^{\frac{q}{p}}$  (C)  $r^{p-q}$  (D)  $r^{p+q}$

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48 - 39884

Q. if  $x_1, x_2, \dots, x_n$  are in H. P., then  $\sum_{r=1}^n x_r x_{r+1}$  is equal to : (A)  $(n-1)x_1x_n$  (B)  $nx_1x_n$   
(C)  $(n+1)x_1x_n$  (D)  $(n+2)x_1x_n$

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49 - 3442524

The sixth HM between 3 and  $\frac{6}{13}$  (A)  $\frac{63}{120}$  (B)  $\frac{63}{12}$  (C)  $\frac{126}{105}$  (D)  $\frac{120}{63}$

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50 - 1393176

If  $S = 1 + \frac{1}{4} + \frac{1}{9} + \frac{1}{16} + \dots$ , then  $1 + \frac{1}{9} + \frac{1}{25} + \frac{1}{49} + \dots$  equals (A)  $\frac{S}{2}$  (B)  $\frac{3S}{4}$  (C)  
 $S - \frac{1}{4}$  (D)  $S - \frac{1}{2}$

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51 - 20091

If  $\sum_{i=1}^n T_r = \frac{n(n+1)(n+3)}{3}$ , then  $\sum_{r=1}^n \frac{2008}{T_r}$  is (A) 2008 (B) 3012 (C) 4016 (D) 8032

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52 - 182850

Let n denote the number of all n-digit positive integers formed by the digits 0, 1 or both such that no consecutive digits in them are 0. Let  $b_n$  = the number of such n-digit integers ending with digit 1 and  $c_n$  = the number of such n-digit integers ending with digit 0. The value of  $b_6$ , is (A) 7 (B) 8 (C) 9 (D) 11

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53 - 15322

The sum of n terms of a series is  $An^2 + Bn$ , then the  $n^{th}$  term is (A)  $A(2n-1)-B$  (B)  $A(1-2n)+B$  (C)  $A(1-2n)-B$  (D)  $A(2n-1)+B$

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54 - 4088874

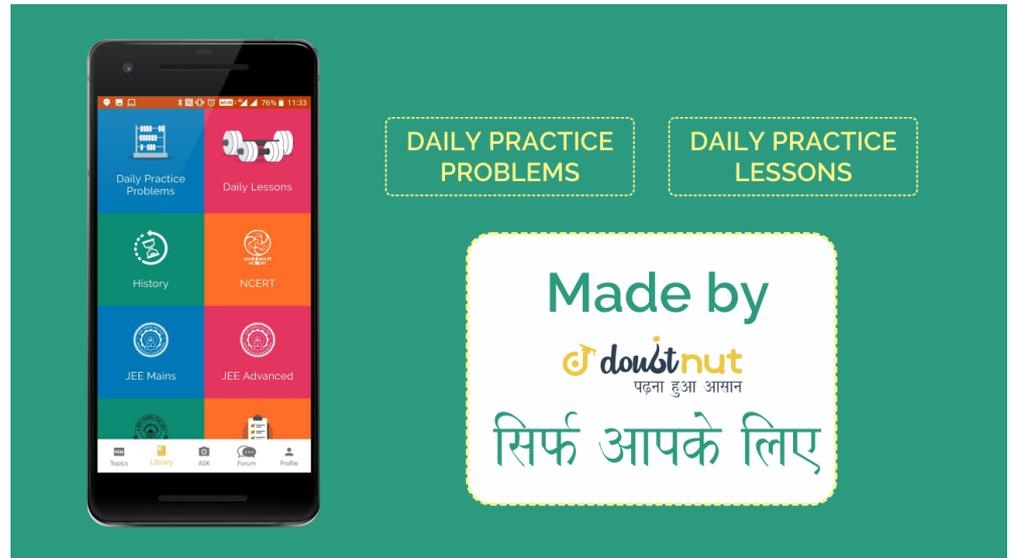
The sum  $\frac{1}{1+1^2+1^4} + \frac{2}{1+2^2+2^4} + \frac{3}{1+3^2+3^4} + \dots + \frac{99}{1+99^2+99^4}$   
 (A) 0.46 and 0.47 (B) 0.47 and 0.48 (C) 0.48 and 0.49 (D) 0.49 and 0.50

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55 - 31257

The sum of 50 terms of the series  $1 + 2\left(1 + \frac{1}{50}\right) + 3\left(1 + \frac{1}{50}\right)^2 + \dots$  is given by (A) 2500  
 (B) 2550 (C) 2450 (D) none of these

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56 - 5684119

The sum  $\sum_{r=1}^{10} (r^2 + 1) \times (r!)$  is equal to : (A) 11! (B)  $10 \times 11!$  (C)  $101 \times 11!$  (D)  $11 \times 11!$

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57 - 27276

$\sum_{n=3}^{\infty} \frac{1}{n^5 - 5n^3 + 4n}$  (A)  $\frac{1}{120}$  (B)  $\frac{1}{96}$  (C)  $\frac{1}{24}$  (D)  $\frac{1}{144}$

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58 - 113650

Find the  $n$ th term of the series  $3.8 + 6.11 + 9.14 + 12.17 + \dots$  (A)  $3n(3n + 5)$  (B)  $3n(n + 5)$  (C)  $n(3n + 5)$  (D)  $n(n + 5)$

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59 - 344952

Sum of series  $\frac{9}{1!} + \frac{19}{2!} + \frac{35}{3!} + \frac{57}{4!} + \dots$  (A)  $7e - 3$  (B)  $12e - 5$  (C)  $16e - 5$  (D) none

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60 - 1439031

$f(1) = 1$  and  $f(n) = 2 \sum_{r=1}^{n-1} f(r)$ . Then  $\sum_{n=1}^m f(n)$  is equal to (A) $3^m - 1$  (B) $3^m$  (C) $3^{m-1}$

(D)none of these

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# ANSWERS

Ques No.	Answer
1 - 2649341	<p><b>B</b></p> <p><a href="#">📺 Watch Free Video Solution of this Question on Doubtnut</a></p>
Ques No.	Answer
2 - 3301228	<p><b>B</b></p> <p><a href="#">📺 Watch Free Video Solution of this Question on Doubtnut</a></p>

<b>Ques No.</b>	<b>Answer</b>
3 - 5727594	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
4 - 15149	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
5 - 206061	<b>B</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
6 - 85723	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
7 - 99445	<b>D</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
8 - 3022900	<b>D</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
9 - 206124	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
10 - 41951	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>

11 - 261587

**B**

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**Ques No.**

**Answer**

12 - 85747

**B**

[▶ Watch Free Video Solution of this Question on Doubtnut](#)

**Ques No.**

**Answer**

13 - 41946

**D**

[▶ Watch Free Video Solution of this Question on Doubtnut](#)

**Ques No.**

**Answer**

14 - 97828

**A**

[▶ Watch Free Video Solution of this Question on Doubtnut](#)

**Ques No.**

**Answer**

15 - 246024

**A**

[▶ Watch Free Video Solution of this Question on Doubtnut](#)

**Ques No.**

**Answer**

16 - 1212279

**B**

[▶ Watch Free Video Solution of this Question on Doubtnut](#)

**Ques No.**

**Answer**

17 - 7706

**B**

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**Ques No.**

**Answer**

18 - 17585

**D**

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**Ques No.**

**Answer**

19 - 58345

**B**

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**Ques No.**

**Answer**

20 - 60463

**C**

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**Ques No.**

**Answer**

21 - 3309727

**D**

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**Ques No.**

**Answer**

22 - 42006

**B**

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**Ques No.**

**Answer**

23 - 168851

**C**

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**Ques No.**

**Answer**

24 - 39532

**B**

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**Ques No.**

**Answer**

25 - 92456

**D**

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**Ques No.**

**Answer**

26 - 206230

**A**

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**Ques No.**

**Answer**

27 - 376111

**B**

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<b>Ques No.</b>	<b>Answer</b>
28 - 46703	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
29 - 4055383	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
30 - 4954879	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
31 - 4728753	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
32 - 5991166	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
33 - 115061	<b>C</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
34 - 8726	<b>B</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>
35 - 52558	<b>A</b> <a href="#">▶ Watch Free Video Solution of this Question on Doubtnut</a>
<b>Ques No.</b>	<b>Answer</b>

36 - 42114

**C**

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**Ques No.**

**Answer**

37 - 47799

**A**

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**Ques No.**

**Answer**

38 - 1130223

**B**

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**Ques No.**

**Answer**

39 - 90156

**D**

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**Ques No.**

**Answer**

40 - 2764693

**A**

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**Ques No.**

**Answer**

41 - 27273

**A**

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**Ques No.**

**Answer**

42 - 4582561

**A**

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**Ques No.**

**Answer**

43 - 123375

**D**

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**Ques No.**

**Answer**

44 - 61890

**D**

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**Ques No.**

**Answer**

45 - 1212559

**A**

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**Ques No.**

**Answer**

46 - 33630

**A**

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**Ques No.**

**Answer**

47 - 5837957

**C**

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**Ques No.**

**Answer**

48 - 39884

**A**

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**Ques No.**

**Answer**

49 - 3442524

**A**

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**Ques No.**

**Answer**

50 - 1393176

**B**

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**Ques No.**

**Answer**

51 - 20091

**A**

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**Ques No.**

**Answer**

52 - 182850

**B**

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**Ques No.**

**Answer**

53 - 15322

**D**

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**Ques No.**

**Answer**

54 - 4088874

**D**

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**Ques No.**

**Answer**

55 - 31257

**A**

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**Ques No.**

**Answer**

56 - 5684119

**B**

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**Ques No.**

**Answer**

57 - 27276

**B**

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**Ques No.**

**Answer**

58 - 113650

**A**

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**Ques No.**

**Answer**

59 - 344952

**B**

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**Ques No.**

**Answer**

60 - 1439031

**C**

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