Follow us at: f/Leetcoaching /Leetcoaching /Leetcoaching /Leetcoaching /Leetcoaching

0.1
$$p^{th}$$
 term of the series
$$\left(3 - \frac{1}{n}\right) + \left(3 - \frac{2}{n}\right) + \left(3 - \frac{3}{n}\right) + \dots$$
 Will be

(a)
$$3+\frac{p}{N}$$
 (b) $3-\frac{p}{N}$ (c) $3+\frac{N}{p}$ (d) $3-\frac{N}{p}$

Aw: (b)

Aus: (b)

Aus: (b)

(a) 10 (b) 11 (E) 12 (d) N.O.T

Aux: (b)

0.5 Three number are in A.P. Such that their Sum "15 18 and Sum of their squares is 150: The greatest No. among them is (a) 10 (b) 11 (c) 12 (d) N.O.T May! (b)

Oil Three numbers are in A.P. whose sum is 35 and product is 792, then the smallest number from these number is (a) \vdash (b) 8 (c) 11 (a) 14 Aus: (a)

0.7. The Number of terms in the Series 101+99+97+---+47 is (h) 28 (c) 30 (d) 20

19 The Sum of 24 terms of the following series 12+18+118+132+--- is 10) 300 (c) 300 52 (c) 200 52 (d) N.O.T

0.9 if the first, 2nd and last term of an A.P be a, b, 2a respectively, then it's sum will be (a) $\frac{ab}{a-b}$ (b) $\frac{3ab}{2(b-a)}$ (c) Both (d) N.O.T Aus! (b)

us at: 1/Leetcoaching / Leetcoaching / Leetcoaching / Leetcoaching / Leetcoaching Q.10 °d A, Azbe two Airthmetic Means b/w 1 and 1/24, then their Values are (b) $\frac{17}{72}$, $\frac{5}{34}$ (c) $\frac{7}{34}$, $\frac{5}{72}$ (d) N.O.T (a) $\frac{7}{12}$, $\frac{5}{36}$ four Airthmetic Means 6/10 3 and 23 are (c) 7,15,19,21 (6) 7,11,15,19 (a) 5,9,11,13 Aus: (b) 0.12 of a,b,c are in G.P then, (b) $a(b^2+c^2) = c(a^2+b^2)$ (a) $a(b^2+a^2) = c(b^2+c^2)$ T-0.4 (b) (c) a2(b+c) = c2(a+b) Aus: (6) 0.13 The Number which Should be added to the NO. 2, 14, 62 so that the resulting nois may be in Cip, is (b) 2 (c) 3 (d) 4 Dus; (b) 0.14) 7th term of the Sequence \$12,50,5\$2,... is (d) 12552 (b) $25\sqrt{2}$ (c) 125(a) 125 To dus: (d)

Follow us at: []/Leetcoaching []/Leetcoaching //Leetcoaching //Leetcoaching //Leetcoaching

Follow us at: 1 / Leetcoaching / Leetcoaching / Leetcoaching / Leetcoaching / Leetcoaching U.15 if the first term of a G.P is 5 and Common rotio be=-5, then which termis 3125 (a) 6th (b) 5th (c) 7th (d) 8th Au: (b) 0.16 The first two terms of a geometric progression add up to 12. The Sum of the third and the fourth term is 48. If the terms of the geometric progression are alternately positive and negative, then the first Term is

(a) -12 (b) 12 (c) 4 (d) -4

Au: (a)

0.17 The Sum of 100 terms of the Series

0.9 + 0.09 + 0.009 + -- will be

(a) 1- $\left(\frac{1}{10}\right)^{100}$ (b) $1+\left(\frac{1}{10}\right)^{106}$ (c) $1-\left(\frac{1}{10}\right)^{106}$ $(4) \quad 1+\left(\frac{10}{10}\right)^{100}$ Aus: (a) 0.18 The Product of three G.Ms bIN 4 and 4 will be (a) 4 (b) 2 (c) -1 (d) 1

Follow us at: [f]/Leetcoaching [60]/Leetcoaching 20/Leetcoaching 15/Leetcoaching 25/Leetcoaching

And: (d)

0.19 The fifth term of the HiP,

$$2, 2\frac{1}{2}, 3\frac{1}{3}, ---$$
 will be
(a) $5\frac{1}{5}$ (b) $3\frac{1}{5}$ (c) $\frac{1}{10}$ (d) 10

Aus:10

Aux:10

1.20 if the 7th term of a HiP is
$$\frac{1}{10}$$
 and the 12^{th} term is $\frac{1}{25}$, thun the 20^{th} term is

(a) $\frac{1}{37}$ (b) $\frac{1}{41}$ (c) $\frac{1}{45}$ (d) $\frac{1}{49}$

Aus: (d)

Am: (d)

0.21) "y H is the Harmonic Mean blw p and 9, .

Then the Values of
$$\frac{H}{P} + \frac{H}{9}$$
 is

(a) 2 (b) $\frac{Pq}{P+q}$ (d) N·O·T

 $\frac{P+q}{P+q}$