

NDA 1 2025

LIVE

MATHS

SEQUENCE & SERIES - 2

MCQs

NAVJYOTI SIR

SSBCrack
EXAMS

Crack
EXAMS



07 Feb 2025 Live Classes Schedule

9:00AM - 07 FEBRUARY 2025 DAILY DEFENCE UPDATES DIVYANSHU SIR

10:00AM - 07 FEBRUARY 2025 DAILY CURRENT AFFAIRS RUBY MA'AM

SSB INTERVIEW LIVE CLASSES

9:30AM - OVERVIEW OF PPDT & PRACTICE ANURADHA MA'AM

AFCAT 1 2025 LIVE CLASSES

✓ 3:00PM - STATIC GK - HIGHEST SMALLEST IN INDIA & WORLD DIVYANSHU SIR

✓ 4:30PM - ENGLISH - FILL IN THE BLANKS - CLASS 1 ANURADHA MA'AM

✓ 5:30PM - MATHS - PROBABILITY NAVJYOTI SIR

NDA 1 2025 LIVE CLASSES

✓ 10:00AM - MATHS - SEQUENCE & SERIES - CLASS 2 NAVJYOTI SIR

✓ 11:30AM - POLITY - CLASS 2 RUBY MA'AM

✓ 1:00PM - PHYSICS - NUCLEUS & RADIOACTIVITY NAVJYOTI SIR

✓ 4:30PM - ENGLISH - FILL IN THE BLANKS - CLASS 1 ANURADHA MA'AM

CDS 1 2025 LIVE CLASSES

✓ 11:30AM - POLITY - CLASS 2 RUBY MA'AM

✓ 1:00PM - PHYSICS - NUCLEUS & RADIOACTIVITY NAVJYOTI SIR

✓ 4:30PM - ENGLISH - FILL IN THE BLANKS - CLASS 1 ANURADHA MA'AM



The roots of the quadratic equation

PYQ – 2024 - II

$$a^2(b^2 - c^2)x^2 + b^2(c^2 - a^2)x + c^2(a^2 - b^2) = 0 \quad D = 0$$

are equal ($a^2 \neq b^2 \neq c^2$).

$$B^2 - 4AC = 0$$

Which one of the following statements is correct?

$$\left[b^2(c^2 - a^2) \right]^2 - 4a^2(b^2 - c^2)c^2(a^2 - b^2) = 0$$

(a) a^2, b^2, c^2 are in AP.

$$b^4(c^2 - a^2)^2 - 4a^2c^2(b^2 - c^2)(a^2 - b^2) = 0$$

(b) a^2, b^2, c^2 are in GP.

$$b^4c^4 + b^4a^4 - 2b^4c^2a^2 - 4a^2c^2(b^2a^2 - b^4 - a^2c^2 + b^2c^2)$$

(c) a^2, b^2, c^2 are in HP.

$$= b^4c^4 + b^4a^4 - 2b^4c^2a^2 - 4a^4b^2c^2 + 4a^2b^4c^2 + 4a^4c^4 - 4a^2c^4b^2$$

(d) a^2, b^2, c^2 are neither in AP nor in GP nor in HP.

$$b^4c^4 + b^4a^4 - 2b^4c^2a^2 - \underbrace{4a^4b^2c^2}_{+} + \underbrace{4a^2b^4c^2}_{+} + 4a^4c^4 - 4a^2c^4b^2 = 0$$

$$\Rightarrow \underbrace{b^4c^4}_{+} + \underbrace{b^4a^4}_{+} + \underbrace{2b^4c^2a^2}_{-} - \underbrace{4a^4b^2c^2}_{+} + \underbrace{4a^4c^4}_{-} - \underbrace{4a^2c^4b^2}_{+} = 0$$

$$\Rightarrow (b^2c^2 + b^2a^2 - 2a^2c^2)^2 = 0$$

$$(a+b+c)^2$$

$$= a^2 + b^2 + c^2 + 2ab + 2bc + 2ca$$

$$b^2c^2 + b^2a^2 - 2a^2c^2 = 0$$

$$b^2c^2 + b^2a^2 = 2a^2c^2$$

Divide by $a^2b^2c^2$,

$$\left\{ \begin{array}{l} \frac{1}{a^2} + \frac{1}{c^2} = \frac{2}{b^2} \\ b^2 = \frac{2a^2c^2}{a^2+c^2} \Rightarrow a^2, b^2 \text{ & } c^2 \text{ are in HP} \end{array} \right.$$

The roots of the quadratic equation

PYQ – 2024 - II

$$a^2(b^2 - c^2)x^2 + b^2(c^2 - a^2)x + c^2(a^2 - b^2) = 0$$

are equal ($a^2 \neq b^2 \neq c^2$).

Which one of the following is a root of the equation?

(a) $\frac{b^2(c^2 - a^2)}{a^2(c^2 - b^2)}$

(b) $\frac{b^2(c^2 - a^2)}{a^2(b^2 - c^2)}$

(c) $\frac{b^2(c^2 - a^2)}{2a^2(c^2 - b^2)}$

(d) $\frac{b^2(c^2 - a^2)}{2a^2(b^2 - c^2)}$

for equal roots, $x = \frac{-B}{2A}$

$Ax^2 + Bx + C = 0$

$$= \frac{-b^2(c^2 - a^2)}{2a^2(b^2 - c^2)}$$

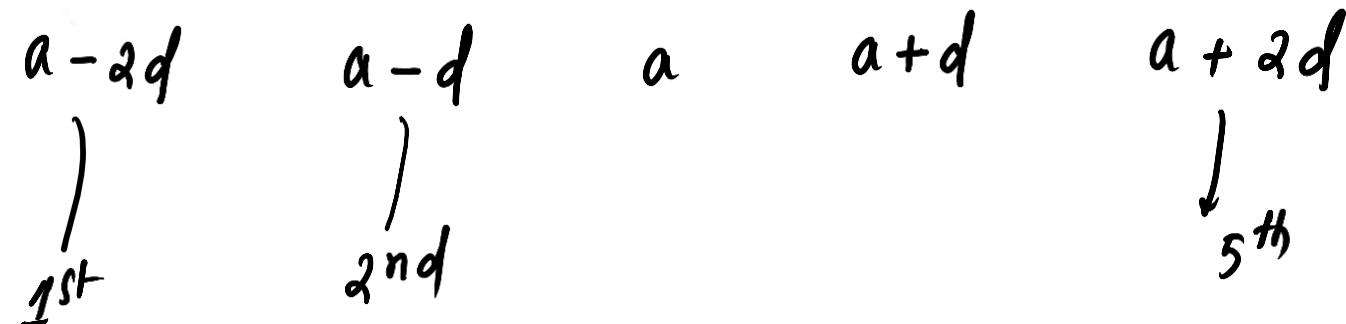
$$= \frac{b^2(c^2 - a^2)}{2a^2(c^2 - b^2)}$$

The product of 5 consecutive terms of an AP is 229635. The first, second and fifth terms are in GP.

PYQ – 2024 - II

What is the common difference?

- (a) 3
- (b) 4
- (c) 5
- (d) 6



$$\begin{aligned}
 (a-d)^2 &= (a-2d)(a+2d) \\
 a^2 + d^2 - 2ad &= a^2 - 4d^2 \\
 d^2 + 4d^2 &= 2ad
 \end{aligned}
 \quad \left\{
 \begin{array}{l}
 5d^2 = 2ad \\
 5d = 2a \\
 \left(d = \frac{2a}{5}\right) \Rightarrow a = \frac{5d}{2}
 \end{array}
 \right.$$

$$\begin{array}{ccccc}
 a - 2d & a - d & a & a + d & a + 2d \\
 | & | & | & | & | \\
 a = \frac{5d}{2} & & & & \\
 \frac{d}{2} & \frac{3d}{2} & \frac{5d}{2} & \frac{7d}{2} & \frac{9d}{2}
 \end{array}$$

$$\left(\frac{d}{2}\right)\left(\frac{3d}{2}\right)\left(\frac{5d}{2}\right)\left(\frac{7d}{2}\right)\left(\frac{9d}{2}\right) = 229635$$

$$d^5 = \frac{25515 \cancel{3645} \cancel{729} 243}{\cancel{229635} \times 2^5} \Rightarrow d^5 = 243 \times 2^5$$

$$d^5 = 3^5 \times 2^5$$

$$d = 3 \times 2 = 6$$

The product of 5 consecutive terms of an AP is 229635. The first, second and fifth terms are in GP.

PYQ – 2024 - II

What is the sum of all five terms?

(a) 60

$$\frac{d}{2} + \frac{3d}{2} + \frac{5d}{2} + \frac{7d}{2} + \frac{9d}{2}$$

(b) 65

$$\frac{d}{2} (1 + 3 + 5 + 7 + 9)$$

(c) 75

(d) 80

$$\frac{6}{2} \times 25 = 3 \times 25 = 75$$

Q) After paying 30 out of 40 installments of a debt of Rs. 3600, one third of the debt is unpaid. If the installments are forming an arithmetic series, then what is the first instalment?

- (a) Rs 50
- (b) Rs 51
- (c) Rs 105
- (d) Rs 110

$\underbrace{(a)}_{(a) = ?}$

$$\text{paid} = \frac{2}{3}(3600) = \underline{2400} \equiv 30 \text{ installments}$$

$$n = 30; a = ?, d = ?, S_n = 2400$$

$$3600 = \frac{40}{2} (2a + (40-1)d)$$

$$2400 = \frac{30}{2} (2a + (30-1)d)$$

$$180 = 2a + 39d \quad (1)$$

$$160 = 2a + 29d \quad (2)$$

From (1) and (2),

$$2a + 29d = 160$$

$$\begin{array}{r} (-) \quad 2a + 39d = 180 \\ \hline \end{array}$$

$$10d = 20$$

$$\underline{d = 2}$$

$$2a = 160 - 29d$$

$$2a = 160 - 29(2) = 160 - 58 = 102$$

$$2a = 102$$

$$a = 51$$

first
installment

Q) After paying 30 out of 40 installments of a debt of Rs. 3600, one third of the debt is unpaid. If the installments are forming an arithmetic series, then what is the first instalment?

- (a) Rs 50
- (b) Rs 51
- (c) Rs 105
- (d) Rs 110

Ans: (b)

Q) If the sum of 'n' terms of an arithmetic progression is $n^2 - 2n$, then what is the n^{th} term?

- | | |
|----------------|--------------|
| (a) $3n - n^2$ | (b) $2n - 3$ |
| (c) $2n + 3$ | (d) $2n - 5$ |

$$(a) a_1 = a = 3 - (1)^2 = 2 \text{ q}$$

$$(b) a_1 = a = 2(1) - 3 = -1 \checkmark$$

$$(c) a_1 = a = 2(1) + 3 = 5 \text{ q}$$

$$S_n = n^2 - 2n$$

$$S_1 = a_1 = (1)^2 - 2(1) = \underline{-1}$$

$$\begin{aligned}
 (OR) \quad a_n &= S_n - S_{n-1} \\
 &= [(n)^2 - 2n] - [(n-1)^2 - 2(n-1)] \\
 &= n^2 - 2n - (n^2 + 1 - 2n - 2n + 2) \\
 &= 2n - 3 \quad \underline{(b)} \checkmark
 \end{aligned}$$

$$(d) a_1 = a = 2(1) - 5 = -3 \text{ q}$$

Q)If the sum of ‘ n ’ terms of an arithmetic progression is $n^2 - 2n$, then what is the n^{th} term?

- (a) $3n - n^2$
- (b) $2n - 3$
- (c) $2n + 3$
- (d) $2n - 5$

Ans: (b)

Q) What is sum to the 100 terms of the series

$$9 + 99 + 999 + \dots ?$$

(a) $\frac{10}{9}(10^{100} - 1) - 100$ (b) $\frac{10}{9}(10^{99} - 1) - 100$

(c) $100(100^{10} - 1)$ (d) $\frac{9}{100}(10^{100} - 1)$

$$(10 - 1) + (10^2 - 1) + (10^3 - 1) + \dots$$

Gp $\quad \quad \quad (10 + 10^2 + 10^3 + \dots 10^{100}) - (1 + 1 + 1 + \dots \text{(100 times)})$

$$= 10 \frac{(10)^{100} - 1}{10 - 1} - 100 = \frac{10}{9} (10^{100} - 1) - 100$$

Q) What is sum to the 100 terms of the series

$$9 + 99 + 999 + \dots ?$$

- (a) $\frac{10}{9}(10^{100} - 1) - 100$ (b) $\frac{10}{9}(10^{99} - 1) - 100$
(c) $100(100^{10} - 1)$ (d) $\frac{9}{100}(10^{100} - 1)$

Ans: (a)

Q) If the sum of the first two terms and the sum of the first four terms of a geometric progression with positive common ratio are 8 and 80 respectively, then what is the 6th term?

- (a) 88
 (c) 486

- (b) 243
 (d) 1458

$$\underbrace{ar^5}$$

$$a + ar = 8$$

$$a(1+r) = 8$$

$$a = \frac{8}{1+r}$$

$$a + ar + ar^2 + ar^3 = 80$$

$$a(1+r+r^2+r^3) = 80$$

$$1+r+r^2+r^3 = 10(1+r)$$

$$r^3 + r^2 - 9r - 9 = 0$$

$$\underbrace{r^3 + r^2 - 9r - 9}_{{r = -1}} = 0$$

(one of the zeroes)
 rejected as ($a = \infty$)

$$\begin{array}{r}
 r^2 - 9 \\
 \hline
 r+1 \left(\begin{array}{r} r^3 + r^2 - 9r - 9 \\ r^3 + r^2 \\ \hline -9r - 9 \end{array} \right) \\
 \hline
 -9r - 9 \\
 \hline
 0
 \end{array}$$

$r^2 - 9$
 $(r+3)(r-3)$

$\underbrace{r=3}, \quad \underbrace{-3}$

$$a = \frac{8}{1+r}$$

$$a = \frac{8}{4} = 2 \quad | \quad a = \underbrace{-4}$$

6th term

$$\begin{aligned}
 ar^5 &= 2(3)^5 = 2 \times 243 = \frac{486}{\cancel{1}} \\
 ar^5 &= (-4)(-3)^5 = \underline{972}
 \end{aligned}$$

Q) If the sum of the first two terms and the sum of the first four terms of a geometric progression with positive common ratio are 8 and 80 respectively, then what is the 6th term?

- (a) 88
- (b) 243
- (c) 486
- (d) 1458

Ans: (c)

Q) If x^2, y^2, z^2 are in AP, then $y+z, z+x, x+y$ are in

- | | |
|--------|-------------------|
| (a) AP | (b) HP |
| (c) GP | (d) None of these |

(a) $y+z, z+x, x+y$ are in AP,

Try in reverse

$$2(x+z) = (y+z) + z+y \quad \alpha$$

$$x+z = 2y$$

$$\left. \begin{aligned} x^2 + z^2 + 2xz &= 4y^2 \\ x^2, y^2 \text{ & } z^2 \end{aligned} \right\} \text{ are not in AP}$$

(b)

$$\frac{2}{x+z} = \frac{1}{x+y} + \frac{1}{y+z}$$

$$2(x+y)(y+z) = (x+2y+z)(z+x)$$

$$\cancel{2xy} + \cancel{2xz} + \cancel{2y^2} + \cancel{2yz} = \cancel{yz} + x^2 + \cancel{2yz} + \cancel{2yx} + z^2 + \cancel{zx}$$

$$2y^2 = x^2 + z^2$$

\Rightarrow x^2, y^2 & z^2 are in AP

Q) If x^2, y^2, z^2 are in AP, then $y+z, z+x, x+y$ are in

- (a) AP
- (b) HP
- (c) GP
- (d) None of these

Ans: (b)

Q) What is the value of

$$1 - 2 + 3 - 4 + 5 - \dots + 101?$$

- (a) 51
- (b) 55
- (c) 110
- (d) 111

$$(1 + 3 + 5 + \dots + 101) - 2(1 + 2 + 3 + \dots + 50)$$

$$= (51)^2 - 2 \frac{50(51)}{2}$$

$$= (51)^2 - 50(51) = 51(51 - 50) = \boxed{51}$$

Q) What is the value of

$$1 - 2 + 3 - 4 + 5 - \dots + 101?$$

- (a) 51
- (b) 55
- (c) 110
- (d) 111

Ans: (a)

Q) If b_1, b_2, b_3 are three consecutive terms of an arithmetic progression with common difference $d > 0$, then what is the value of d for which $b_3^2 = b_2 b_3 + b_1 d + 2$?

- (a) $\frac{1}{2}$
- (b) 0
- (c) 1
- (d) 2

$$b_1 = a - d$$

$$b_2 = a$$

$$b_3 = a + d$$

$$(a+d)^2 = a(a+d) + (a-d)d + 2$$

$$\cancel{a^2} + \cancel{d^2} + \cancel{2ad} = \cancel{a^2} + \cancel{ad} + \cancel{ad} - d^2 + 2$$

$$2d^2 = 2 \Rightarrow \underline{d^2=1} \Rightarrow \boxed{d=1} \text{ or } -1$$

Q) If b_1, b_2, b_3 are three consecutive terms of an arithmetic progression with common difference $d > 0$, then what is the value of d for which $b_3^2 = b_2 b_3 + b_1 d + 2$?

- (a) $\frac{1}{2}$
- (b) 0
- (c) 1
- (d) 2

Ans: (c)

Q) If 1, x, y, z, 16 are in geometric progression, then what is the value of $x + y + z$?

- | | |
|--------|--------|
| (a) 8 | (b) 12 |
| (c) 14 | (d) 16 |

$$a = 1$$

$$16 = ar^4$$

$$x + y + z \\ = a + ar + ar^2 \\ = 1 + 4 + 8 \\ = (-2) + 4 + (-8)$$

$$r^4 = 16$$

$$= \textcircled{14} \\ = \textcircled{6}$$

$$\underline{r = 2 \text{ or } r = -2}$$

matched option

Q) If $1, x, y, z, 16$ are in geometric progression, then what is the value of $x + y + z$?

- (a) 8
- (b) 12
- (c) 14
- (d) 16

Ans: (c)

Q) Which one of the following is correct?

If $\frac{1}{b-c} + \frac{1}{b-a} = \frac{1}{a} + \frac{1}{c}$, then a, b, c are in

- (a) AP
- (b) HP
- (c) GP
- (d) None of these

Q) Which one of the following is correct?

If $\frac{1}{b-c} + \frac{1}{b-a} = \frac{1}{a} + \frac{1}{c}$, then a, b, c are in

- (a) AP
- (b) HP
- (c) GP
- (d) None of these

Ans: (b)

Q) If A, B and C are in AP and $b : c = \sqrt{3} : \sqrt{2}$, then what is the value of $\sin C$?

- (a) 1
- (b) $\frac{1}{\sqrt{3}}$
- (c) $\sqrt{3}$
- (d) $\frac{1}{\sqrt{2}}$

Q) If A, B and C are in AP and $b : c = \sqrt{3} : \sqrt{2}$, then what is the value of $\sin C$?

- (a) 1
- (b) $\frac{1}{\sqrt{3}}$
- (c) $\sqrt{3}$
- (d) $\frac{1}{\sqrt{2}}$

Ans: (d)

Q) If the AM and GM between two numbers are in the ratio $m : n$,
then what is the ratio between the two numbers?

- (a) $\frac{m + \sqrt{m^2 - n^2}}{m - \sqrt{m^2 - n^2}}$
- (b) $\frac{m + n}{m - n}$
- (c) $\frac{m^2 - n^2}{m^2 + n^2}$
- (d) $\frac{m^2 + n^2 - mn}{m^2 + n^2 + mn}$

Q) If the AM and GM between two numbers are in the ratio $m : n$,
then what is the ratio between the two numbers?

- (a) $\frac{m + \sqrt{m^2 - n^2}}{m - \sqrt{m^2 - n^2}}$
- (b) $\frac{m + n}{m - n}$
- (c) $\frac{m^2 - n^2}{m^2 + n^2}$
- (d) $\frac{m^2 + n^2 - mn}{m^2 + n^2 + mn}$

Ans: (a)

Q) The arithmetic mean of two numbers exceeds their geometric mean by 2 and the geometric mean exceeds their harmonic mean by 1.6. What are the two numbers?

- (a) 16, 4
- (b) 81, 9 ✓
- (c) 256, 16
- (d) 625, 25

Q) The arithmetic mean of two numbers exceeds their geometric mean by 2 and the geometric mean exceeds their harmonic mean by 1.6. What are the two numbers?

- (a) 16, 4
- (b) 81, 9
- (c) 256, 16
- (d) 625, 25

Ans: (a)

Q) What is the sum of $\sqrt{3} + \frac{1}{\sqrt{3}} + \frac{1}{3\sqrt{3}} + \dots$?

(a) $\frac{\sqrt{3}}{2}$

(b) $\frac{3\sqrt{3}}{2}$

(c) $\frac{2\sqrt{3}}{3}$

(d) $\sqrt{3}$

Q) What is the sum of $\sqrt{3} + \frac{1}{\sqrt{3}} + \frac{1}{3\sqrt{3}} + \dots$?

(a) $\frac{\sqrt{3}}{2}$

(b) $\frac{3\sqrt{3}}{2}$

(c) $\frac{2\sqrt{3}}{3}$

(d) $\sqrt{3}$

Ans: (b)

Q) 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 of these

Q) 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 of these

Ans: (c)

Q) Which one of the following options is correct?

- (a) $\sin^2 30^\circ, \sin^2 45^\circ, \sin^2 60^\circ$ are in GP
- (b) $\cos^2 30^\circ, \cos^2 45^\circ, \cos^2 60^\circ$ are in GP
- (c) $\cot^2 30^\circ, \cot^2 45^\circ, \cot^2 60^\circ$ are in GP
- (d) $\tan^2 30^\circ, \tan^2 45^\circ, \tan^2 60^\circ$ are in GP

Q) Which one of the following options is correct?

- (a) $\sin^2 30^\circ, \sin^2 45^\circ, \sin^2 60^\circ$ are in GP
- (b) $\cos^2 30^\circ, \cos^2 45^\circ, \cos^2 60^\circ$ are in GP
- (c) $\cot^2 30^\circ, \cot^2 45^\circ, \cot^2 60^\circ$ are in GP
- (d) $\tan^2 30^\circ, \tan^2 45^\circ, \tan^2 60^\circ$ are in GP

Ans: (d)

Q)What is the 10th common term between the series

$2 + 6 + 10 + \dots$ and $1 + 6 + 11 + \dots$?

- (a) 180
- (b) 186
- (c) 196
- (d) 206

Q)What is the 10th common term between the series

$2 + 6 + 10 + \dots$ and $1 + 6 + 11 + \dots$?

- (a) 180
- (b) 186
- (c) 196
- (d) 206

Ans: (b)

Q) If the AM and HM of two numbers are 27 and 12 respectively, then what is their GM equal to?

- (a) 12
- (b) 18
- (c) 24
- (d) 27

Q) If the AM and HM of two numbers are 27 and 12 respectively, then what is their GM equal to?

- (a) 12
- (b) 18
- (c) 24
- (d) 27

Ans: (b)

- Q) Which term of the sequence $20, 19\frac{1}{4}, 18\frac{1}{2}, 17\frac{3}{4}, \dots$ is the first negative term?
- (a) 27th
 - (b) 28th
 - (c) 29th
 - (d) No such term exists

Q) Which term of the sequence $20, 19\frac{1}{4}, 18\frac{1}{2}, 17\frac{3}{4}, \dots$ is the first negative term?

- (a) 27th
- (b) 28th
- (c) 29th
- (d) No such term exists

Ans: (b)

- Q) If the sequence $\{S_n\}$ is a geometric progression and $S_2 S_{11} = S_p S_8$, then what is the value of p?
- (a) 1
 - (b) 3
 - (c) 5
 - (d) cannot be determined

Q) If the sequence $\{S_n\}$ is a geometric progression and $S_2 S_{11} = S_p S_8$, then what is the value of p?

- (a) 1
- (b) 3
- (c) 5
- (d) cannot be determined

Ans: (c)

DIRECTIONS : *For the next two (02) Questions that follow:*

The sum of first 10 terms and 20 terms of an AP are 120 and 440 respectively.

Q) What is its first term?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

Q) What is its first term?

- (a) 2
- (b) 3
- (c) 4
- (d) 5

Ans: (b)

Q) What is the common difference?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Q) What is the common difference?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Ans: (b)

Q) What is the number of diagonals which can be drawn by joining the angular points of a polygon of 100 sides?

- (a) 4850
- (b) 4950
- (c) 5000
- (d) 10000

Q) What is the number of diagonals which can be drawn by joining the angular points of a polygon of 100 sides?

- (a) 4850
- (b) 4950
- (c) 5000
- (d) 10000

Ans: (a)

**Q) What is the geometric mean of the sequence 1, 2, 4, 8, ...
 2^n ?**

- | | |
|---------------------|-------------------|
| (a) $2^{n/2}$ | (b) $2^{(n+1)/2}$ |
| (c) $2^{(n+1)} - 1$ | (d) $2^{(n-1)}$ |

Q) What is the geometric mean of the sequence 1, 2, 4, 8, ...
 2^n ?

- | | |
|-------------------|-------------------|
| (a) $2^{n/2}$ | (b) $2^{(n+1)/2}$ |
| (c) $2^{(n+1)-1}$ | (d) $2^{(n-1)}$ |

Ans: (a)

Q) The harmonic mean H of two numbers is 4 and the arithmetic mean A and geometric mean G satisfy the equation $2A + G^2 = 27$. The two numbers are

- (a) 6, 3
- (b) 9, 5
- (c) 12, 7
- (d) 3, 1

Q) The harmonic mean H of two numbers is 4 and the arithmetic mean A and geometric mean G satisfy the equation $2A + G^2 = 27$. The two numbers are

- (a) 6, 3
- (b) 9, 5
- (c) 12, 7
- (d) 3, 1

Ans: (a)

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LIVE

MATHS

MATRICES & DETERMINANTS - 1

MCQs

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