

Question Completion Status:

⚠ Moving to the next question prevents changes to this answer.

Question 1 of 20

Question 1

1 points Saved

اي من التالي تعتبر متتالية حسابية

- a. 2, 4, 6, 7, .....
- b. 3, 6, 9, 12, .....
- c. 5, 10, 20, 40, 80, .....
- d. 3, 5, 8, 12, .....

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Question 1 of 20

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Question 2 of 20 >

Question 2

1 points  Saved

أوجد الحد العام لمتتالية حسابية حدها الأول  $-2$  و أساسها  $5$

- a.  $a_n = -2n + 7$
- b.  $a_n = 5n - 7$
- c.  $a_n = 5n - 2$
- d.  $a_n = -2n + 5$

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Question 2 of 20 >

⏪ ⚠ Moving to the next question prevents changes to this answer.

Question 3 of 20 >

Question 3

1 points  Saved

أوجد الحد العام لمتتالية حسابية حدها الأول 2 و حدها السابع 20

- a.  $a_n = 3n - 1$
- b.  $a_n = 12n - 10$
- c.  $a_n = 20n - 18$
- d.  $a_n = 2n + 20$

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Question 3 of 20 >

→ ⚠ Moving to the next question prevents changes to this answer.

Question 4 of 20 >

Question 4

1 points Saved

الحد الثالث و السبعون لمتتالية حسابية حدها الاول 4 واساسها 12 - يساوي:

- a. -884
- b. -868
- c. -892
- d. -860

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Question 4 of 20 >

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Question 5 of 20

Question 5

1 points / Saved

اوجد مجموع اول ثلاثين حد من متتالية حسابية حدها الاول 2- و حدها الثالثون -48

- a. -690
- b. -750
- c. -1500
- d. 750

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Question 6 of 20

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Question 6

1 points  Saved

اوجد مجموع اول ثمانية عشر عدداً من متتالية حسابية حدها الاول 6- و اساسها 8

- a. -1213
- b. 1116
- c. 1226
- d. 2100

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Question 6 of 20

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Question 7 of 20 >

Question 7

1 points  Saved

إذا كانت  $(a_k)_{k=1}^{\infty}$  متتالية حسابية حدها الأول -3 و حدها السادس -18 فإن  $\sum_{k=1}^{12} a_k$  يساوي :

- a. -63
- b. -234
- c. -230
- d. -219

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Question 8 of 20

Question 8

1 points Saved

ادخل اربعة اوساط حسابية بين العددين 7 و 102

- a. 26,45,64,83
- b. 10,20,30,40
- c. 8, 15,23,38
- d. 8,45,63,101

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Question 8 of 20



⏪ ⚠ Moving to the next question prevents changes to this answer.

Question 9 of 20

Question 9

1 points Save Answer

متتالية حسابية حدها الثالث يساوي 6 و حدها الرابع عشر يساوي 83 فان أساسها يساوي :

7

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Question 10 of 20 >

Question 10

1 points Saved

قيمة  $\sum_{k=1}^3 (-2k^2 + 4k)$  تساوي:

- a. -4
- b. -8
- c. 6
- d. 12

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Question 10 of 20 >

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Question 11 of 20 >

Question 11

1 points Saved

اي من السالفة تعتبر متتالية هندسية

- a.  $-7, -7, -7, 7, 7, 7, \dots$
- b.  $1, 9, 17, 25, 33, \dots$
- c.  $8, 8, 8, \dots$
- d.  $-5, 0, 5, 10, \dots$

⚠ Moving to the next question prevents changes to this answer

Question 11 of 20 >

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Question 12 of 20 >

Question 12

1 points  Saved

الحد العام لمتتالية هندسية حدها الاول 4 و اساسها 6 هو :

- a  $a_n = 24^{n-1}$
- b  $a_n = 4 \times 6^{n-1}$
- c  $a_n = 6 \times 4^{n-1}$
- d  $a_n = 4 \times 6^n$

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Question 12 of 20 >

→ ⚠ Moving to the next question prevents changes to this answer.

Question 13 of 20 >

Question 13

1 points Saved

الحد الرابع لمتتالية هندسية حدها الاول 5 و اساسها 4 يساوي :

- a. 320
- b. 17
- c.  $\frac{5}{80}$
- d. 356

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Question 13 of 20 >

→ ⚠ Moving to the next question prevents changes to this answer.

Question 14 of 20 >

Question 14

1 points ✓ Saved

متتالية هندسية حدها الاول يساوي 4 و حدها الثامن يساوي 8748 فان اساسها يساوي :

- a. -3
- b. 3
- c. 4
- d. -4

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Question 14 of 20 >

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Question 15 of 20 >

Question 15

1 points  Saved

اوجد مجموع اول سبعة حدود من متتالية هندسية حدها الاول 5- و اساسها 6

- a. -233280
- b. 78126
- c. -279935
- d. 278536

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Question 16

1 points Saving Answer

اوجد قيمة  $\sum_{k=1}^5 a_k$  حيث  $a_n$  متتالية هندسية حدها الرابع 256 و اساسها 4

- a. 1346
- b. 1412
- c. 1364
- d. -1214

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Question 17 of 20

Question 17

1 points Saved

الوسط الهندسي للعددين 3 و 7 هو :

a.  $\sqrt{10}$

b.  $\sqrt{21}$

c. 21

d. 5

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Question 18 of 20 >

Question 18

1 points ✓ Saved

$(a_k)_{k=1}^{\infty}$  متتالية هندسية اذا كان  $\frac{a_{k+1}}{a_k}$  ثابت لكل  $k \in \mathbb{N}$

- True  
 False

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Question 18 of 20 >

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Question 19 of 20 >

Question 19

1 points Saved

ادخل اربعة اوساط حسابية بين العددين 32 ، -1

- a. 2, -4, 8, -16
- b. 2, 4, 8, 16
- c. 3, 6, 9, 18
- d. 4, 8, 12, 16

يقصد اوساط هندسية

⚠ Moving to the next question prevents changes to this answer.

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Save and Submit

→ ⚠ Click **Submit** to complete this assessment.

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Question 20

1 points  Saved

اوجد مجموع اول خمسة عشر حدا لمتتالية هندسية حدها الاول 12 و حدها الثامن 12

180

→ ⚠ Click **Submit** to complete this assessment.

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Save and Submit

Test واحب الإسبوع الحادي عشر  
Started 11/30/18 11:12 PM  
Submitted 12/1/18 12:20 AM  
Due Date 12/6/18 11:59 PM  
Status Completed  
Attempt Score 20 out of 20 points  
Time Elapsed 1 hour, 8 minutes  
Instructions