



@COMPUTERENGINEE  
RINGDEPARTMENT22

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سؤال 7

صحيح

درجة 2.0 من 2.0

علم السؤال

If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the initial value problem

$$(1+x)y'' + xy' - 2y = 0, \quad y(0) = -2, \quad y'(0) = -2,$$

.  $a_4$  then find

none of the given answers is true ☐

$a_4 = \frac{1}{12}$  ☐

$a_4 = \frac{-1}{6}$  ☒

$a_4 = \frac{-1}{12}$  ☐

$a_4 = \frac{1}{6}$  ☐



الإجابة الصحيحة هي:  $a_4 = \frac{-1}{6}$

## سؤال 5

صحیح

درجة 2.0 من 2.0

علم السؤال

Find the recurrence relation for the series solution of the differential equation

$$x_0 = 0 \text{ about } (x^2 - 1)y'' + 2xy' - 3xy = 0$$

$$a_{n+2} = \frac{n(n+1)a_n + 3a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{n(n+1)a_n - 3a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{n(n+2)a_n - 3a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

none of the given answers is true

$$a_{n+2} = \frac{n(n+2)a_n + 3a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$



$$a_{n+2} = \frac{n(n+1)a_n - 3a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$
 الإجابة الصحيحة هي:

## سؤال 6

صحیح

درجة 2.0 من 2.0

علم السؤال

Find the recurrence relation for the series solution of the differential equation

$$x_0 = 1 \text{ about } (x^2 - 2x + 2)y'' - 2(x-1)y' - y = 0$$

$$a_{n+2} = \frac{-(n^2 + n - 1)a_n}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

none of the given answers is true

$$a_{n+2} = \frac{(n^2 + n - 1)a_n}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{(n^2 - 3n - 1)a_n}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{-(n^2 - 3n - 1)a_n}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$



$$a_{n+2} = \frac{-(n^2 - 3n - 1)a_n}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$
 الإجابة الصحيحة هي:

سؤال 3

صحيح

درجة 1.0 من 1.0

علم السؤال

:One of the following is TRUE

none of the given answers is true ☐

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=0}^{\infty} a_{n-2} (x - x_0)^{n-1} ☐$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=0}^{\infty} a_{n+2} (x - x_0)^{n-1} ☐$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=2}^{\infty} a_{n-2} (x - x_0)^{n-1} ☒$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=2}^{\infty} a_{n+2} (x - x_0)^{n-1} ☐$$



الإجابة الصحيحة هي:  $\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=2}^{\infty} a_{n-2} (x - x_0)^{n-1}$

سؤال 4

صحيح

درجة 1.0 من 1.0

علم السؤال

If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the differential equation  $y'' + xy' + (2x + 1)y = 0$  about  $x_0 = 0$ , then find  $a_4$ .

$$a_4 = \frac{-(3a_0 - 4a_1)}{24} ☐$$

none of the given answers is true ☐

$$a_4 = \frac{(3a_0 - 4a_1)}{24} ☒$$

$$a_4 = \frac{-(3a_0 + 4a_1)}{24} ☐$$

$$a_4 = \frac{(3a_0 + 4a_1)}{24} ☐$$



الإجابة الصحيحة هي:  $a_4 = \frac{(3a_0 - 4a_1)}{24}$

سؤال 1

صحيح

درجة 1.0 من 1.0

علم السؤال

Determine the singular points of the equation

$$(x^2 - 4)y'' + 2xy' + y = 0.$$

2 ☐

2, 0 ☐

none of the given answers is true ☐

2, -2 ☒

-2 ☐



الإجابة الصحيحة هي: 2, -2

سؤال 2

صحيح

درجة 1.0 من 1.0

علم السؤال

If  $y(x) = \sum_{n=0}^{\infty} a_n(x-1)^n$  is the series solution of the initial value problem

$$\text{then } (x^2 + 4)y'' - (x+1)y' + xy = 0, \quad y(1) = 6, \quad y'(1) = 1,$$

$a_0 = 1, a_1 = 6$  ☐

$a_0 = a_1 = 1$  ☐

$a_0 = 6, a_1 = 1$  ☒

and  $a_1$  are arbitrary  $a_0$  ☐

none of the given answers is true ☐



الإجابة الصحيحة هي:  $a_0 = 6, a_1 = 1$

Find the recurrence relation for the series solution of the differential equation

$$x_0 = 0 \text{ about } (x^2 - 1)y'' - 2xy' - xy = 0$$



$$a_{n+2} = \frac{n(n-3)a_n - a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{n(n-3)a_n + a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

$$a_{n+2} = \frac{n(n-4)a_n + a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

none of the given answers is true

$$a_{n+2} = \frac{n(n-4)a_n - a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

سؤال 5

صحيح

درجة 2.0 من 2.0

علم السؤال

$$a_{n+2} = \frac{n(n-3)a_n - a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$$

:One of the following is TRUE

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n-5} = \sum_{n=0}^{\infty} a_{n-4} (x - x_0)^{n-1}$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n-5} = \sum_{n=0}^{\infty} a_{n+4} (x - x_0)^{n-1}$$

none of the given answers is true

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n-5} = \sum_{n=-4}^{\infty} a_{n+4} (x - x_0)^{n-1}$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n-5} = \sum_{n=-4}^{\infty} a_{n-4} (x - x_0)^{n-1}$$



سؤال 3

صحيح

درجة 1.0 من 1.0

علم السؤال

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n-5} = \sum_{n=-4}^{\infty} a_{n+4} (x - x_0)^{n-1}$$

If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the initial value problem

$$(1-x)y'' - xy' + 2y = 0, \quad y(0) = -1, \quad y'(0) = -1,$$

.  $a_4$  then find

$$a_4 = \frac{-1}{2}$$

$$a_4 = \frac{-1}{4}$$

$$a_4 = \frac{1}{2}$$

$$a_4 = \frac{1}{4}$$

none of the given answers is true



سؤال 7

صحيح

درجة 2.0 من 2.0

علم السؤال

$$a_4 = \frac{1}{4}$$

الإجابة الصحيحة هي:  $a_4 = \frac{1}{4}$

If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the initial value problem then  $(x^2 - 1)y'' + 3xy' + xy = 0$ ,  $y(0) = 3$ ,  $y'(0) = 1$ ,

☒  $a_0 = 3, a_1 = 1$ 
☐  $a_0 = a_1 = 0$ 
☐ and  $a_1$  are arbitrary  $a_0$ 
☐ none of the given answers is true
 ☐  $a_0 = 1, a_1 = 3$

سؤال 2  
 صحيح  
 درجة 1.0 من 1.0  
 علم السؤال

الإجابة الصحيحة هي:  $a_0 = 3, a_1 = 1$

.  $a_3$  If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the differential equation  $y'' + xy' - (x + 5)y = 0$  about  $x_0 = 0$ , then find

☐  $a_3 = \frac{-(a_0 + 4a_1)}{6}$ 
☐ none of the given answers is true
 ☒  $a_3 = \frac{(a_0 + 4a_1)}{6}$ 
☐  $a_3 = \frac{(a_0 - 4a_1)}{6}$ 
☐  $a_3 = \frac{-(a_0 - 4a_1)}{6}$

سؤال 4  
 صحيح  
 درجة 1.0 من 1.0  
 علم السؤال

الإجابة الصحيحة هي:  $a_3 = \frac{(a_0 + 4a_1)}{6}$

Find the recurrence relation for the series solution of the differential equation  $(x^2 - 2x + 2)y'' + 5(x - 1)y' + 5y = 0$  about  $x_0 = 1$

☐  $a_{n+2} = \frac{(n^2 - 6n + 5)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$ 
☒  $a_{n+2} = \frac{-(n^2 + 4n + 5)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$ 
☐  $a_{n+2} = \frac{(n^2 + 4n + 5)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$ 
☐ none of the given answers is true
 ☐  $a_{n+2} = \frac{-(n^2 - 6n + 5)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$

سؤال 6  
 صحيح  
 درجة 2.0 من 2.0  
 علم السؤال

الإجابة الصحيحة هي:  $a_{n+2} = \frac{-(n^2 + 4n + 5)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$

Determine the singular points of the equation

$$(x^2 + 6x - 16)y'' + 2(x - 6)y' + y = 0.$$

☐  $-2, -8$   
☒  $2, -8$   
☐  $-2, 8$   
☐  $2, 8$   
☐ none of the given answers is true

سؤال 1  
 صحيح  
 درجة 1.0 من 1.0  
 علم السؤال

الإجابة الصحيحة هي:  $2, -8$

Determine the singular points of the equation

$$(3x^2 - 8x - 3)y'' + 3(x + 3)y' + (3x - 1)y = 0.$$

☐  $\frac{1}{3}, -3$   
☐  $-\frac{1}{3}, -3$   
☐  $\frac{1}{3}, 3$   
☐ none of the given answers is true  
☒  $-\frac{1}{3}, 3$

سؤال 1  
 صحيح  
 درجة 1.0 من 1.0  
 علم السؤال

الإجابة الصحيحة هي:  $-\frac{1}{3}, 3$

If  $y(x) = \sum_{n=0}^{\infty} a_n(x-1)^n$  is the series solution of the initial value problem  
 then  $(x^2 + 4)y'' - (x + 1)y' + xy = 0$ ,  $y(1) = 1$ ,  $y'(1) = 5$ ,

☐  $a_0 = a_1 = 1$   
☐ none of the given answers is true  
☒  $a_0 = 1, a_1 = 5$   
☐ and  $a_1$  are arbitrary  $a_0$   
☐  $a_0 = 5, a_1 = 1$

سؤال 2  
 صحيح  
 درجة 1.0 من 1.0  
 علم السؤال

الإجابة الصحيحة هي:  $a_0 = 1, a_1 = 5$

One of the following is TRUE

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=3}^{\infty} a_{n+3} (x - x_0)^{n-2} \quad \text{○}$$

none of the given answers is true ○

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=3}^{\infty} a_{n-3} (x - x_0)^{n-2} \quad \text{○}$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=0}^{\infty} a_{n-3} (x - x_0)^{n-2} \quad \text{○}$$

$$\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=0}^{\infty} a_{n+3} (x - x_0)^{n-2} \quad \text{Ⓢ}$$

✖

الإجابة الصحيحة هي:  $\sum_{n=0}^{\infty} a_n (x - x_0)^{n+1} = \sum_{n=3}^{\infty} a_{n-3} (x - x_0)^{n-2}$

سؤال 3

خطأ

درجة 0.0 من 1.0

علم السؤال

سؤال 4

خطأ

درجة 0.0 من 1.0

علم السؤال

.  $a_4$  If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the differential equation  $y'' + xy' + (2x + 3)y = 0$  about  $x_0 = 0$ , then find

$$a_4 = \frac{-(15a_0 - 4a_1)}{24} \quad \text{○}$$

$$a_4 = \frac{(15a_0 + 4a_1)}{24} \quad \text{Ⓢ}$$

$$a_4 = \frac{-(15a_0 + 4a_1)}{24} \quad \text{○}$$

none of the given answers is true ○

$$a_4 = \frac{(15a_0 - 4a_1)}{24} \quad \text{○}$$

✖

الإجابة الصحيحة هي:  $a_4 = \frac{(15a_0 - 4a_1)}{24}$

سؤال 5

صحيح

درجة 2.0 من 2.0

علم السؤال

Find the recurrence relation for the series solution of the differential equation

.  $x_0 = 0$  about  $(x^2 - 1)y'' + 5xy' + xy = 0$

none of the given answers is true ○

$$a_{n+2} = \frac{n(n+3)a_n - a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots \quad \text{○}$$

$$a_{n+2} = \frac{n(n+4)a_n + a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots \quad \text{Ⓢ}$$

$$a_{n+2} = \frac{n(n+3)a_n + a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots \quad \text{○}$$

$$a_{n+2} = \frac{n(n+4)a_n - a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots \quad \text{○}$$

✔

الإجابة الصحيحة هي:  $a_{n+2} = \frac{n(n+4)a_n + a_{n-1}}{(n+1)(n+2)}, \quad n = 2, 3, \dots$

سؤال 6

خطأ

درجة 0.0 من 2.0

علم السؤال

Find the recurrence relation for the series solution of the differential equation

$$(x^2 - 2x)y'' + 3(x - 1)y' - 4y = 0 \quad x_0 = 1 \text{ about}$$

none of the given answers is true ☐

$$a_{n+2} = \frac{-(n^2 + 2n - 4)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$$
 ☒

$$a_{n+2} = \frac{(n^2 + 2n - 4)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$$
 ☐

$$a_{n+2} = \frac{-(n^2 - 4n - 4)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$$
 ☐

$$a_{n+2} = \frac{(n^2 - 4n - 4)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$$
 ☐

✖

$$a_{n+2} = \frac{(n^2 + 2n - 4)a_n}{(n + 1)(n + 2)}, \quad n = 2, 3, \dots$$
 الإجابة الصحيحة هي:

سؤال 7

صحيح

درجة 2.0 من 2.0

علم السؤال

If  $y(x) = \sum_{n=0}^{\infty} a_n x^n$  is the series solution of the initial value problem

$$(1 + x)y'' + 2xy' + 2y = 0, \quad y(0) = -2, \quad y'(0) = -2,$$

.  $a_4$  then find

$$a_4 = \frac{4}{3}$$
 ☐

none of the given answers is true ☐

$$a_4 = \frac{2}{3}$$
 ☐

$$a_4 = \frac{-2}{3}$$
 ☐

$$a_4 = \frac{-4}{3}$$
 ☒

✔

$$a_4 = \frac{-4}{3}$$
 الإجابة الصحيحة هي:

## سؤال 1

صحيح

درجة 1.0 من 1.0

علم السؤال

Find the general solution of the differential equation

$$y^{(4)} + 12y'' - 64y = 8(-1 + 20t)e^{2t}.$$

$$y = c_1 e^{2t} + c_2 e^{-2t} + c_3 \sin(4t) + c_4 \cos(4t) + te^{2t} - t^2 e^{2t} \quad \text{○}$$

$$y = c_1 e^{2t} + c_2 e^{-2t} + c_3 \sin(4t) + c_4 \cos(4t) - te^{2t} - t^2 e^{2t} \quad \text{○}$$

$$y = c_1 e^{2t} + c_2 e^{-2t} + c_3 \sin(4t) + c_4 \cos(4t) - te^{2t} + t^2 e^{2t} \quad \text{●}$$

$$y = c_1 e^{2t} + c_2 e^{-2t} + c_3 \sin(4t) + c_4 \cos(4t) + te^{2t} + t^2 e^{2t} \quad \text{○}$$

none of the given answers is true ○

الإجابة الصحيحة هي:

$$y = c_1 e^{2t} + c_2 e^{-2t} + c_3 \sin(4t) + c_4 \cos(4t) - te^{2t} + t^2 e^{2t}$$

## سؤال 2

صحيح

درجة 2.0 من 2.0

علم السؤال

Find a particular solution of the differential equation

$$y''' + 4y'' + 4y' + 16y = 20 \sin(2t).$$

none of the given answers is true ○

$$y_p = -t \cos(2t) - \frac{1}{2}t \sin(2t) \quad \text{●}$$

$$y_p = -t \cos(2t) + \frac{1}{2}t \sin(2t) \quad \text{○}$$

$$y_p = t \cos(2t) - \frac{1}{2}t \sin(2t) \quad \text{○}$$

$$y_p = t \cos(2t) + \frac{1}{2}t \sin(2t) \quad \text{○}$$

$$y_p = -t \cos(2t) - \frac{1}{2}t \sin(2t) \quad \text{الإجابة الصحيحة هي:}$$

### سؤال 3

صحيح

درجة 1.0 من 1.0

علم السؤال

Find a suitable form for particular solution of the differential equation

$$y^{(4)} - 50y'' + 625y = t^2 e^{-5t} + (t^2 - 1)e^{-4t}.$$



$$y_p = t^2 e^{-5t} (A_2 t^2 + A_1 t + A_0) + e^{-4t} (B_2 t^2 + B_1 t + B_0) \quad \text{Ⓐ}$$

$$y_p = e^{-5t} (A_2 t^2 + A_1 t + A_0) + e^{-4t} (B_2 t^2 + B_1 t + B_0) \quad \text{Ⓑ}$$

$$y_p = t e^{-5t} (A_2 t^2 + A_1 t + A_0) + e^{-4t} (B_2 t^2 + B_1 t + B_0) \quad \text{Ⓒ}$$

$$y_p = e^{-5t} (A_2 t^2 + A_1 t + A_0) + t^2 e^{-4t} (B_2 t^2 + B_1 t + B_0) \quad \text{Ⓓ}$$

none of the given answers is true ☐

الإجابة الصحيحة هي:  $y_p = t^2 e^{-5t} (A_2 t^2 + A_1 t + A_0) + e^{-4t} (B_2 t^2 + B_1 t + B_0)$

### سؤال 4

صحيح

درجة 1.0 من 1.0

علم السؤال

Find a suitable form for particular solution of the differential equation

$$36y^{(5)} - y^{(3)} = 6 - t e^{-t/6} + \sin(t/6).$$



$$y_p = A_0 t^3 + t(B_1 t + B_0) e^{-t/6} + C_0 \cos(t/6) + D_0 \sin(t/6) \quad \text{Ⓐ}$$

$$y_p = A_0 + t(B_1 t + B_0) e^{-t/6} + C_0 \cos(t/6) + D_0 \sin(t/6) \quad \text{Ⓑ}$$

none of the given answers is true ☐

$$y_p = A_0 t^3 + (B_1 t + B_0) e^{-t/6} + t [C_0 \cos(t/6) + D_0 \sin(t/6)] \quad \text{Ⓒ}$$

$$y_p = A_0 t^3 + (B_1 t + B_0) e^{-t/6} + C_0 \cos(t/6) + D_0 \sin(t/6) \quad \text{Ⓓ}$$

الإجابة الصحيحة هي:  $y_p = A_0 t^3 + t(B_1 t + B_0) e^{-t/6} + C_0 \cos(t/6) + D_0 \sin(t/6)$

## سؤال 7

صحيح

درجة 2.0 من 2.0

علم السؤال

Find the general solution of the differential equation

$$y''' - 9y'' + 27y' - 27y = \frac{3e^{3t}}{t}.$$

none of the given answers is true ☐

$$y = (c_1 + c_2t + c_3t^2)e^{3t} + \frac{3}{4}te^{3t}(2\ln|t| - 3) \quad \text{○}$$

$$y = (c_1 + c_2t + c_3t^2)e^{3t} + \frac{3}{4}t^2e^{3t}(2\ln|t| + 3) \quad \text{○}$$

$$y = (c_1 + c_2t + c_3t^2)e^{3t} + \frac{3}{4}te^{3t}(2\ln|t| + 3) \quad \text{○}$$

$$y = (c_1 + c_2t + c_3t^2)e^{3t} + \frac{3}{4}t^2e^{3t}(2\ln|t| - 3) \quad \text{○} \quad \checkmark$$

الإجابة الصحيحة هي:

$$y = (c_1 + c_2t + c_3t^2)e^{3t} + \frac{3}{4}t^2e^{3t}(2\ln|t| - 3)$$

## سؤال 8

صحيح

درجة 1.0 من 1.0

علم السؤال

Find  $u_1(t)$  if  $y_p = u_1(t) + e^{\sqrt{3}t}u_2(t) + e^{-\sqrt{3}t}u_3(t)$  is a particular solution of the differential equation

$$y''' - 3y' = t - 5.$$

$$u_1(t) = -\frac{1}{6}(t^2 - 5t) \quad \text{○}$$

$$u_1(t) = -\frac{1}{6}(t^2 + 5t) \quad \text{○}$$

$$u_1(t) = -\frac{1}{6}(t^2 - 10t) \quad \text{○} \quad \checkmark$$

$$u_1(t) = -\frac{1}{6}(t^2 + 10t) \quad \text{○}$$

none of the given answers is true ☐

$$u_1(t) = -\frac{1}{6}(t^2 - 10t) \quad \text{○} \quad \checkmark$$

## سؤال 5

صحيح

درجة 1.0 من 1.0

علم السؤال

If  $y_p = u_1(t) + t u_2(t) + e^{-2t} u_3(t)$  is a particular solution of the differential equation  $y''' + 2y'' = \frac{4e^{-2t}}{t^2}$ , then  $u_3(t) =$



$2 \ln |t|$  ☐

$-\frac{1}{t}$  ☒

$\frac{1}{t}$  ☐

none of the given answers is true ☐

$-2 \ln |t|$  ☐

الإجابة الصحيحة هي:  $-\frac{1}{t}$

We know that if  $y_p = u_1(t) + e^{-t} u_2(t) + e^{-3t} u_3(t)$  is a particular solution of the differential equation

$y''' + 4y'' + 3y' = g(t), \text{ then } u_3' = \frac{g(t)W_3(t)}{W(t)}. \text{ Find } W_3(t)$



$-e^{-t}$  ☒

none of the given answers is true ☐

$-2e^{-4t}$  ☐

$3e^{-3t}$  ☐

$-3e^{-3t}$  ☐

الإجابة الصحيحة هي:  $-e^{-t}$

## سؤال 6

صحيح

درجة 1.0 من 1.0

علم السؤال