# JEE Report

Date :15-10-2018 18:43:54

## Total Marks :12/360

Q. No.1

Ringworm in humans is caused by

(A) Viruses

(B) Bacteria

(C) Fungi

(D) Nematodes

Selected Answer :A

Correct Answer: A

Solution: pol

Q. No.2

phy q 8

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :A

Correct Answer: A

Solution: pol

Q. No.3

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :A

Correct Answer: A

Solution: pol

Q. No.4

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.5

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.6

phy q 4

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.7

Which organ in the body is most affected by excessive intake of alcohol?

(A) Liver

(B) Intestines

(C) Lungs

(D) Spleen

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.8

The spread of cancerous cells to distant sites is termed

(A)  metastasis

(B) metachrosis

(C) metagenesis

(D) metamorphosis

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.9

Which of the following diseases is not caused by virus?

(A)  AIDS

(B) Rabies

(C) Mumps

(D) Tuberculosis

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.10

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.11

The effect of alcohol on the CNS is as a

(A) stimulant

(B) promoter

(C) depressant

(D) transmitter

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.12

Mantoux test is for

(A)  scarlet fever

(B) diphtheria

(C) rheumatoid fever

(D) tuberculosis

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.13

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.14

Which of the following diseases is associated with smoking?

(A)  Bronchitis

(B) Emphysema

(C) Lung cancer

(D) All of these

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.15

Which of the following disease is not transmitted through contaminated water?

(A)  Typhoid

(B) Diphtheria

(C) Hepatitis A

(D) Amoebiasis

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.16

phy q 2

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.17

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.18

Common cold is not cured by antibiotics because it is

(A)  caused by a virus

(B) caused by a Gram-positive bacterium

(C) caused by Gram-negative bacterium

(D) Not an infectious disease

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.19

 Infection of Ascaris occurs by

(A)  tse tse fly

(B) mosquito bite

(C) imperfectly cooked pork

(D)  contaminated food and water

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.20

Minamata disease is caused by due to contamination of

(A) fish with mercury

(B) mustard oil with argemone oil

(C)  fish with DDT

(D) none of these

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.21

Which of the following occurs only in humans?

(A) Rabies

(B) Malaria

(C) Anthrax

(D)  Mumps

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.22

AIDS virus has

(A)  single stranded DNA

(B) single stranded RNA

(C) double stranded DNA

(D) double stranded RNA

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.23

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.24

Adenoma refers to cancer of

(A)  glands

(B) blood

(C) muscles

(D) lymph nodes

Selected Answer :NULL

Correct Answer: B

Solution: pol

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Q. No.25

phy q 6

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.26

phy q 1

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.27

Which of the following diseases is not transmitted by houseflies?

(A)  Cholera

(B) Typhoid

(C) Dysentery

(D) Yellow fever

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.28

Which one of the following statements is correct with respect to AIDS?

(A) The causative HIV retrovirus enters helper T-lymphocytes thus reducing their numbers

(B) The HIV can be transmitted through eating food together with an infected person

(C) Drug addicts are least susceptible to HIV infection.

(D) AIDS patients are being fully cured cent per cent with proper care and nutrition.

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.29

Blood cancer is called

(A) thrombosis

(B) leukaemia

(C) haemolysis

(D) haemophilia

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.30

phy q 7

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.31

What is ch 3

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.32

What is ch 19

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.33

What is ch 27

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.34

What is ch 14

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.35

What is ch 29

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.36

What is ch 7

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.37

What is ch 26

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.38

What is ch 1

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.39

What is ch 28

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.40

What is ch 17

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.41

What is ch 2

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.42

What is ch 15

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.43

What is ch 5

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.44

What is ch 24

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.45

What is ch 25

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.46

What is ch 8

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.47

What is ch 20

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.48

What is ch 12

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.49

What is ch 13

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.50

What is ch 11

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.51

What is ch 10

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.52

What is ch

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.53

Who discarded the theory of spontaneous generation forever?

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.54

What is ch 9

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.55

What is ch 18

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.56

What is ch 21

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.57

Which theory arguments that life on earth came from outer space?

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.58

What is ch 23

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.59

What is ch 16

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.60

What is ch 4

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

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Q. No.61

math q 3

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.62

11

$$\int \left( (2x+5)^7 + \frac{1}{(7-2x)^5} \right) dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{(2x+5)^8}{16} + \dfrac{1}{8(7-2x)^4} + c$   (b) $\dfrac{(2x+5)^8}{16} - \dfrac{1}{8(7-2x)^4} + c$

(c) $\dfrac{(2x+5)^8}{8} + \dfrac{1}{4(7-2x)^4} + c$   (d) $\left| \dfrac{(2x+5)^8}{8} - \dfrac{1}{4(7-2x)^4} + c \right.$

Selected Answer :NULL

Correct Answer: A

Solution:

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Q. No.63

math q 35

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.64

1

$$\int \left( \frac{3\sqrt{x}}{2} + \frac{5x\sqrt{x}}{2} + \frac{7x^2\sqrt{x}}{2} - \frac{9x^3\sqrt{x}}{2} \right) dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $x\sqrt{x}\left(1+x+x^2+x^3\right)+c$    (b) $x\sqrt{x}\left(1+x+x^2-x^3\right)+c$

(c) $x\sqrt{x}\left(1-x+x^2-x^3\right)+c$    (d) $x\sqrt{x}\left(1+x-x^2-x^3\right)+c$

Selected Answer :NULL

Correct Answer: D

Solution:

$$I = x\sqrt{x} + x^2\sqrt{x} - x^3\sqrt{x} - x^4\sqrt{x} + c$$

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Q. No.65

11

$$\int \frac{dx}{\sin x + \cos x} =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{1}{\sqrt{2}}\log\left|\tan\left(\dfrac{x}{2}+\dfrac{\pi}{4}\right)\right|+c$    (b) $\dfrac{1}{\sqrt{2}}\log\left|\tan\left(\dfrac{x}{2}-\dfrac{\pi}{4}\right)\right|+c$

(c) $\dfrac{1}{\sqrt{2}}\log\left|\tan\left(\dfrac{x}{2}+\dfrac{\pi}{8}\right)\right|+c$    (d) $\left|\dfrac{1}{\sqrt{2}}\log\left|\tan\left(\dfrac{x}{2}-\dfrac{\pi}{8}\right)\right|+c\right.$

Selected Answer :NULL

Correct Answer: C

Solution:

$$\frac{1}{\sqrt{2}}\int \frac{dx}{\sin(x+\pi/4)}$$

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Q. No.66

17

$$\int \frac{3}{\sqrt{7x-2}-\sqrt{7x-5}}\, dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\frac{2}{21}\left(\sqrt{(7x-2)^3}+\sqrt{(7x-5)^3}\right)+c$  (b) $\frac{2}{21}\left(\sqrt{(7x-2)^3}-\sqrt{(7x-5)^3}\right)+c$

(c) $\frac{1}{21}\left(\sqrt{(7x-2)^3}+\sqrt{(7x-5)^3}\right)+c$  (d) $\frac{1}{21}\left(\sqrt{(7x-2)^3}-\sqrt{(7x-5)^3}\right)+c$

Selected Answer :NULL

Correct Answer: A

Solution:

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Q. No.67

2

$$\int \frac{dx}{(1+\cos 2x)\left(1-\tan^2 x\right)} =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{\log|\sec 2x + \tan 2x|}{2} + c$  (b) $\dfrac{\log|\sec 2x + \tan 2x|}{4} + c$

(c) $\dfrac{\log|\sec x + \tan x|}{2} + c$  (d) $\dfrac{\log|\sec x + \tan x|}{4} + c$

Selected Answer :NULL

Correct Answer: B

Solution:

$\frac{1}{2}\int \sec 2x \cdot dx$

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Q. No.68

18

$$\int \frac{2x}{(2x+1)^2} dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\frac{1}{2}\log|2x+1|+\frac{1}{2(2x+1)}+c$    (b) $\frac{1}{2}\log|2x+1|-\frac{1}{2(2x+1)}+c$

(c) $2\log|2x+1|+\frac{1}{2(2x+1)}+c$    (d) $2\log|2x+1|-\frac{1}{2(2x+1)}+c$

Selected Answer :NULL

Correct Answer: A

Solution:

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Q. No.69

math q 23

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.70

math q 2

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.71

7

$$\int \frac{ax^{-2}+bx^{-1}+c}{x^{-3}}\ dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $2ax^2 + 3bx^3 + 4cx^4 + c_1$  (b) $6ax^2 + 4bx^3 + 3cx^4 + c_1$

(c) $a + b + cx^{-2} + c_1$   (d) $\dfrac{ax^2}{2} + \dfrac{bx^3}{3} + \dfrac{cx^4}{4} + c_1$

Selected Answer :NULL

Correct Answer: D

Solution:

$$\int x^3 \left( \frac{a}{x^2} + \frac{b}{x} + c \right) dx$$

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Q. No.72

math q 11

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.73

math q 1

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.74

math q 26

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

Q. No.75

3

$$\int \frac{\sin 2x}{\cos^4 x - \sin^4 x} \, dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{\log|\cos 2x|}{2} + c$

(b) $\dfrac{\log|\sec 2x|}{2} + c$

(c) $\dfrac{\log|\cos 2x|}{4} + c$

(d) $\dfrac{\log|\sec 2x|}{4} + c$

Selected Answer :NULL

Correct Answer: B

Solution:

$$\int \tan 2x = \frac{\log|\sec 2x|}{2} + c$$

Q. No.76

22

$$\int \frac{x^2}{x^2 + 4} \, dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $x - 2\tan^{-1}\left(\dfrac{x}{2}\right) + c$

(b) $x + 2\tan^{-1}\left(\dfrac{x}{2}\right) + c$

(c) $x - 4\tan^{-1}\left(\dfrac{x}{2}\right) + c$

(d) $x + 4\tan^{-1}\left(\dfrac{x}{2}\right) + c$

Selected Answer :NULL

Correct Answer: A

Solution: Directly introduce denominator to numerator

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Q. No.77

math q 6

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.78

12

$$\int \frac{dx}{\sin x - \cos x} =$$

(A) a

(B) b

(C) c

(D) d

(a) $\frac{1}{\sqrt{2}} \log \left| \tan \left( \frac{x}{2} + \frac{\pi}{4} \right) \right| + c$  (b) $\frac{1}{\sqrt{2}} \log \left| \tan \left( \frac{x}{2} - \frac{\pi}{4} \right) \right| + c$

(c) $\frac{1}{\sqrt{2}} \log \left| \tan \left( \frac{x}{2} + \frac{\pi}{8} \right) \right| + c$  (d) $\frac{1}{\sqrt{2}} \log \left| \tan \left( \frac{x}{2} - \frac{\pi}{8} \right) \right| + c$

Selected Answer :NULL

Correct Answer: D

Solution:

$$\frac{1}{\sqrt{2}} \int \csc(x - \pi/4) \cdot dx$$

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Q. No.79

math q 17

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.80

math q 31

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.81

math q 19

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.82

5

$$\int (1+2x(\tan x + \sec x))^{\frac{1}{2}} \, dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\log|\sec x + \tan x| - \log|\sec x| + c$  (b) $\log|\sec x + \tan x| + \log|\sec x| + c$

(c) $\log|\sec x + \tan x| - 2\log|\sec x| + c$  (d) $\log|\sec x + \tan x| + 2\log|\sec x| +$

Selected Answer :NULL

Correct Answer: B

Solution:

$\int (\sec x + \tan x) dx$

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Q. No.83

math q 24

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.84

4

$\int (x^2 + 4)^4 \, dx =$

(A)  a

(B)  b

(C)  c

(D)  d

(a)  $\dfrac{x^9}{9} + \dfrac{16x^7}{7} + \dfrac{96x^5}{5} + \dfrac{256x^3}{3} + 256x + c$

(b)  $\dfrac{x^9}{9} - \dfrac{16x^7}{7} + \dfrac{96x^5}{5} - \dfrac{256x^3}{3} + 256x + c$

(c)  $\dfrac{x^9}{9} + \dfrac{16x^7}{7} - \dfrac{96x^5}{5} + \dfrac{256x^3}{3} + 256x + c$

(d)  $\dfrac{x^9}{9} - \dfrac{16x^7}{7} - \dfrac{96x^5}{5} + \dfrac{256x^3}{3} + 256x + c$

Selected Answer :NULL

Correct Answer: A

Solution:

$\int [x^8 + 4x^6(4) + 6x^4(4)^2 + 4x^2(4)^3 + (4)^4] \, dx$

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Q. No.85

math q 36

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.86

3

$$\int \left(3x^2 - 5\right)^2$$

(A)  a

(B)  b

(C)  c

(D)  d

(a)  $\dfrac{9x^5}{5} + 1ox^3 + 25x + c$    (b)  $\dfrac{9x^5}{5} - 1ox^3 + 25x + c$

(c)  $\dfrac{9x^5}{5} + 1ox^3 - 25x + c$    (d)  $\dfrac{9x^5}{5} - 1ox^3 - 25x + c$

Selected Answer :NULL

Correct Answer: B

Solution:

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Q. No.87

25

$$\int \left( \frac{1}{x+1} + \frac{2}{x^2+1} - \frac{3}{\sqrt{1-x^2}} \right) dx =$$

(A)  a

(B)  b

(C)  c

(D)  d

(a)  $\log|x+1| + 2\tan^{-1}x + 3\sin^{-1}x + c$    (b)  $\log|x+1| + 2\tan^{-1}x - 3\sin^{-1}x + c$

(c)  $\log|x+1| + 2\cot^{-1}x + 3\cos^{-1}x + c$    (d)  $\log|x+1| - 2\cot^{-1}x - 3\cos^{-1}x + c$

Selected Answer :NULL

Correct Answer: B

Solution:

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Q. No.88

math q 33

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.89

math q 12

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.90

math q 21

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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