JEE Report

Date :15-10-2018 18:35:37

Total Marks :16/360

Q. No.1

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

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 4

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :A

Correct Answer: A

Solution: pol

Q. No.4

phy q 6

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :A

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

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.7

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.8

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.9

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.10

phy q 5

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

………………………………………………………………………………………………………

Q. No.11

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

………………………………………………………………………………………………………

Q. No.12

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.13

 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.14

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.15

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

Q. No.16

phy q 7

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

Q. No.17

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.18

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.19

BCG stands for

(A) Bacterio-chemical gangrene

(B) Bacteria culture growth

(C) Bacillus Calmette Gurein

(D) Bacterial cell genome

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

Q. No.20

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.21

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.22

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

……

Q. No.23

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.24

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

Q. No.25

phy q 3

(A) p 1

(B) p2

(C) p3

(D) p4

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

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

The substance that causes addiction to tobacco is

(A) nicotine

(B) cocaine

(C) caffeine

(D) none of these

Selected Answer :NULL

Correct Answer: A

Solution: pol

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Q. No.28

Ringworm in humans is caused by

(A) Viruses

(B) Bacteria

(C) Fungi

(D) Nematodes

Selected Answer :NULL

Correct Answer: A

Solution: pol

....

Q. No.29

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.30

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.31

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.32

What is ch 10

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.33

What is ch 4

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.34

What is ch 23

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.35

What is ch 19

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.36

What is ch 16

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.37

What is ch 6

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.38

What is ch 5

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.39

What is ch 20

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.40

What is ch 29

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.41

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.42

Who discarded the theory of spontaneous generation forever?

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.43

What is ch 11

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.44

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.45

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.46

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.47

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.48

What is ch 18

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

……………………………………………………………………………………………

Q. No.49

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.50

What is ch 26

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.51

What is ch 13

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.52

What is ch 21

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.53

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.54

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.55

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.56

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.57

What is ch 22

(A) ch

(B) ch1

(C) ch2

(D) cg

Selected Answer :NULL

Correct Answer: A

Solution: sa

....

Q. No.58

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.59

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.60

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.61

math q 8

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.62

math q 17

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

....

Q. No.63

math q 9

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.64

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.65

19

$$\int \frac{x+2}{(x+1)^3} \, dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{1}{x+1} + \dfrac{1}{2(x+1)^2} + c$ (b) $\dfrac{-1}{x+1} - \dfrac{1}{2(x+1)^2} + c$

(c) $\dfrac{1}{x+1} - \dfrac{1}{2(x+1)^2} + c$ (d) $\dfrac{-1}{x+1} + \dfrac{1}{2(x+1)^2} + c$

Selected Answer :NULL

Correct Answer: B

Solution:

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Q. No.66

math q 37

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.67

math q 7

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.68

math q 25

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.69

math q 34

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.70

5

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

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{x^3}{3} + 2x^2 + 4x + c$ (b) $\dfrac{x^3}{3} - 2x^2 + 4x + c$

(c) $\dfrac{x^3}{3} + 2x^2 - 4x + c$ (d) $\dfrac{x^3}{3} - 2x^2 - 4x + c$

Selected Answer :NULL

Correct Answer: B

Solution:

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

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Q. No.71

14

$$\int \frac{dx}{\sqrt{x} + \sqrt{x-2}} =$$

(A) a

(B) b

(C) c

(D) d

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

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

Selected Answer :NULL

Correct Answer: A

Solution:

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Q. No.72

3

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

(A) a

(B) b

(C) c

(D) d

(a) $\frac{\log|\cos 2x|}{2} + c$ (b) $\frac{\log|\sec 2x|}{2} + c$

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

Selected Answer :NULL

Correct Answer: B

Solution:

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

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Q. No.73

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.74

2

$$\int \left(\frac{1}{x\sqrt{x}} - \frac{2}{x^2\sqrt{x}} + \frac{3}{x^3\sqrt{x}} - \frac{4}{x^4\sqrt{x}} \right) dx =$$

(A) a

(B) b

(C) c

(D) d

(a) $\dfrac{8}{7x^3\sqrt{x}} + \dfrac{6}{5x^2\sqrt{x}} + \dfrac{4}{3x\sqrt{x}} + \dfrac{2}{\sqrt{x}} + c$

(b) $\dfrac{8}{7x^3\sqrt{x}} + \dfrac{6}{5x^2\sqrt{x}} - \dfrac{4}{3x\sqrt{x}} - \dfrac{2}{\sqrt{x}} + c$

(c) $\dfrac{8}{7x^3\sqrt{x}} - \dfrac{6}{5x^2\sqrt{x}} + \dfrac{4}{3x\sqrt{x}} - \dfrac{2}{\sqrt{x}} + c$

(d) $\dfrac{8}{7x^3\sqrt{x}} - \dfrac{6}{5x^2\sqrt{x}} - \dfrac{4}{3x\sqrt{x}} + \dfrac{2}{\sqrt{x}} + c$

Selected Answer :NULL

Correct Answer: C

Solution:

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Q. No.75

math q 15

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.76

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.77

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.78

math q 22

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.79

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.80

math q 5

(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 1

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.82

1

$$\int \dfrac{dx}{\cos x(1 - \cos x)} =$$

(A) a

(B) b

(C) c

(D) d

Selected Answer :NULL

Correct Answer: C

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

(c) $\log|\sec x + \tan x| - \cot\left(\dfrac{x}{2}\right) + c$ (d) $\log|\sec x + \tan x| + \cot\left(\dfrac{x}{2}\right) + c$

Solution:

$$\int \frac{1 - \cos x + \cos x}{\cos x \,(1 - \cos x)}\,dx$$

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Q. No.83

21

$$\int \frac{x^7}{x+1}\,dx =$$

(A) a
(B) b
(C) c
(D) d

(a) $\dfrac{x^7}{7} + \dfrac{x^6}{6} + \dfrac{x^5}{5} + \dfrac{x^4}{4} + \dfrac{x^3}{3} + \dfrac{x^2}{2} + x + \log|x+1| + c$

(b) $\dfrac{x^7}{7} + \dfrac{x^6}{6} + \dfrac{x^5}{5} + \dfrac{x^4}{4} + \dfrac{x^3}{3} + \dfrac{x^2}{2} + x - \log|x+1| + c$

(c) $\dfrac{x^7}{7} - \dfrac{x^6}{6} + \dfrac{x^5}{5} + \dfrac{x^4}{4} - \dfrac{x^3}{3} + \dfrac{x^2}{2} + x + \log|x+1| + c$

(d) $\dfrac{x^7}{7} - \dfrac{x^6}{6} + \dfrac{x^5}{5} - \dfrac{x^4}{4} + \dfrac{x^3}{3} - \dfrac{x^2}{2} + x - \log|x+1| + c$

Selected Answer :NULL

Correct Answer: D

Solution: Use actual division

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Q. No.84

9

$$\int \frac{\sqrt[3]{x^2} + \sqrt[4]{x} + \sqrt[3]{x}}{\sqrt{x}}\,dx =$$

(A) a
(B) b
(C) c
(D) d

(a) $\dfrac{6x^{\frac{7}{6}}}{7}+\dfrac{4x^{\frac{3}{4}}}{3}+\dfrac{6x^{\frac{5}{6}}}{5}+c$ (b) $\dfrac{7x^{\frac{7}{6}}}{6}+\dfrac{3x^{\frac{3}{4}}}{4}+\dfrac{5x^{\frac{5}{6}}}{6}+c$

(c) $\dfrac{x^{\frac{7}{6}}}{7}+\dfrac{x^{\frac{3}{4}}}{3}+\dfrac{x^{\frac{5}{6}}}{5}+c$ (d) $\dfrac{x^{\frac{7}{6}}}{6}+\dfrac{x^{\frac{3}{4}}}{4}+\dfrac{x^{\frac{5}{6}}}{6}+c$

Selected Answer :NULL

Correct Answer: A

Solution:

$$\int \left(x^{1/6}+x^{-1/4}+x^{-1/6}\right)dx$$

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Q. No.85

12

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

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

Selected Answer :NULL

Correct Answer: D

Solution:

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

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Q. No.86

math q 26

(A) m1

(B) m2

(C) m3

(D) m4

Selected Answer :NULL

Correct Answer: A

Solution: maths

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Q. No.87

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.88

20

$$\int \frac{x^2 + x - 6}{(x-2)(x-1)} \, dx =$$

(A) a

(B) b

(C) c

(D) d

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

(c) $2x + 4\log |x - 1| + c$ (d) $x + 4\log |x - 1| + c$

Selected Answer :NULL

Correct Answer: D

Solution:

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Q. No.89

math q 11

(A) m1

(B) m2

(C) m3

(D) m4

Correct Answer: A

Solution: maths

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Q. No.90

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

Correct Answer: A

Solution:

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