Download From : www.sscportal.in

SSC CGL (Tier - 1) Online Exam Paper - 2016 "held on 27 August 2016" Morning Shift (Quantitative Aptitude)

Question 51.A clock gains 15 minutes per day. If it is set right at 12 noon, the time it shows at 4 AM is

Options:

1) 4.20 AM
2) 4.30 AM
3) 4.02 AM
4) 4.10 AM

Correct Answer: **4.10 AM**

Question 52.A home theatre set is Rs. 4950. If two successive discounts of 20% and 15% are given, then its selling price is

Options:

1) Rs.3366
2) Rs.6633
3) Rs.3636
4) Rs.6363

Correct Answer: **Rs.3366**

Question 53.If 15% of x is three times of 10% of y, then x:y =

Options:

1) 1:2
2) 2:1

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

3) 3:2
4) 2:3

Correct Answer: **2:1**

Question 54.A bookseller bought 500 text books for 20,000. He wanted to sell them at a profit so that he get 50 books free. At what profit percent should he sell them?

Options:

1) 10
2) 20
3) 15
4) 10.5

Correct Answer: **10**

Question 55.20% of a man's salary is paid as rent, 60% are his living expenses and 10% are his savings. If he spends remaining 30 on the education of his children, find his salary

Options:

1) 300
2) 900
3) 3000
4) 9000

Correct Answer: **300**

Question 56.A gun is fired at a distance of 6.64 km away from Ram. He hears the sound 20 seconds later. Then the speed of sound is

Options:

1) 664 m/s
2) 664 km/s
3) 332 m/s
4) 332 km/s

Correct Answer: **332 m/s**

Question 57.The simple interest on Rs. 2000 for 2 years at Rs. 75 per thousand per annum will be

Options:

1) Rs.150
2) Rs.300
3) Rs.600
4) Rs.400

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

Correct Answer: **Rs.300**

Question 58.If x = 1 + √2 + √3, then the value of x2 - 2x - 4 is

Options:

1) √6
2) 2√3
3) 3√2
4) 2√6

Correct Answer: **2√6**

Question 59.

If, $\frac{(a+b)}{\sqrt{ab}} = \frac{2}{1}$, then the value of (a - b) is

Options:

1) 1
2) 0
3) -1
4) 2

Correct Answer: **0**

Question 60.If ΔABC is an equilateral triangle of side 16 cm, then the length of altitude is

Options:

1) 2√3 cm
2) 4√3 cm
3) 8√3 cm
4) 5√3 cm

Correct Answer: **8√3 cm**

Question 61.O is the circumcentre of ΔABC. If AO = 8 cm, then the length of BO is

Options:

1) 12 cm
2) 3 cm
3) 6 cm
4) 8 cm

Correct Answer: **8 cm**

Question 62.Given that tan(θ + 15°) = √3. Then the value of θ is?

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

SSC Constable (GD) Exam Study Kit

- 100% Written Exam Syllabus
- 700+ Pages, Printed Books
- 1500 MCQ, 8 Books
- Practice Question Papers
- 1 Year Current Affairs

50% OFF

~~₹ 3,200/-~~

₹ 1599/-

100% SAFE

for Exam Help Call Us at: +91 8800734161

IAS EXAM PORTAL

What you will get:

- 100% Syllabus Covered
- 8 Booklets
- 700+ Pages
- Five Practice Papers
- One Year Current Affairs
- Current Affairs for Exam
- Guidance & Support from Our Experts

Price of the Kit:

~~Rs. 3,200~~

Rs. 1,599/-

(Limited time Offer)

Buy Online

VISA Maestro MasterCard RuPay

Net Banking

Order Online (100% Safe)

Click here for Other Payment Options (Cash/NEFT/etc)

FOR MORE DETAILS CLICK HERE

50% OFF

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

Options:

1) 15°
2) 75°
3) 45°
4) 65°

Correct Answer: **45°**

Question 63.The least number of square tiles of side 41 cms required to pave the ceiling of a room of size 15m 17cm long and 9m 2 cm broad is:

Options:

1) 902
2) 656
3) 738
4) 814

Correct Answer: **814**

Question 64.The average of fruits offered in a temple in a week was 75. The average of fruits offered in six days excluding Tuesday was 72. How many fruits were offered on Tuesday?

Options:

1) 90
2) 93
3) 72
4) 92

Correct Answer: **93**

Question 65.

If $a = x^{\frac{1}{3}}y^{\frac{1}{3}} + x^{\frac{-1}{3}}y^{\frac{-1}{3}}$, then $a^3 - 3ay - x$ is equal to

Options:

1) $\frac{y^2}{x}$
2) $\frac{x^2}{y}$
3)

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

$\frac{a^2}{x}$

4)

$\frac{a^2}{y}$

Correct Answer: 1

Question 66.

If $x+\frac{1}{x}=5$, then the value of $\frac{6x}{x^2+x+1}$ is,

Options:

1) 1
2) 2
3) 3
4) 4

Correct Answer: **1**

Question 67.If a > b > 0, AB = a - b cm, BC = 2√ab cm, then ∠ABC is

Options:

1) 45°
2) 60°
3) 90°
4) 120°

Correct Answer: 90°

Question 68.PR is a tangent to a circle with centre O and radius 4 cm at point Q. If ∠POR = 90°, OR = 5 cm and OP = 20/3 cm, then the length of PR is:

Options:

1) 3 cm
2)

$\frac{16}{3}cm$

3)

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

कर्मचारी चयन आयोग (CGL) परीक्षा अध्ययन सामग्री

- 100% Syllabus Covered
- 4 Books, 900+ Pages
- 2500+ MCQs
- 08 Year Solved Papers & Mock Tests (PDF Copy)
- 1 year Current Affairs (PDF Copy)

50% OFF

~~₹ 4,200/-~~
₹ 2,100/-

FREE SHIPPING

for Exam Help Call Us at: +91 8800734161

SSCPORTAL.IN

आप क्या प्राप्त करेंगे?

- माध्यमः हिन्दी
- 100% पाठयक्रम
- कुल 4 पुस्तिकायें, 900 से अधिक पृष्ठ
- 2,500 से अधिक वस्तुनिष्ठ प्रश्न (MCQ)
- 8 Year Solved Papers (PDF Copy)
- Five Practice Papers (PDF Copy)
- हमारे विशेषज्ञों द्वारा मार्गदर्शन और सहायता

Price of the Kit:
~~Rs. 4,200~~
Rs. 2,100/-
(Limited time Offer)

Buy Online

VISA Maestro MasterCard RuPay

Net Banking

Order Online (100% Safe)

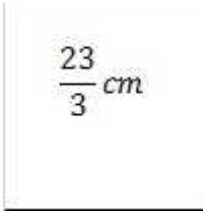
Click here for Other Payment Options (Cash/NEFT/etc)

FOR MORE DETAILS CLICK HERE

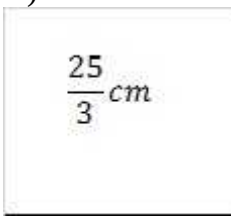
50% OFF

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in



4)



Correct Answer: 4

Question 69.From a point, 40 m apart from the foot of a tower, the angle of elevation of its top is 60°. The height of the tower is

Options:

1) 40√3
2) 40√3 cm
3) 40√3 m
4) 40√2 m

Correct Answer: **40√3 m**

Question 70.The radius of a sphere and hemisphere are same. The ratio of their total surface area is

Options:

1) 3:1
2) 2:1
3) 3:2
4) 4:3

Correct Answer: **4:3**

Question 71.Two equal arcs of two circles subtend angle of 60° and 75° at the centre. The ratio of the radii of the two circles is

Options:

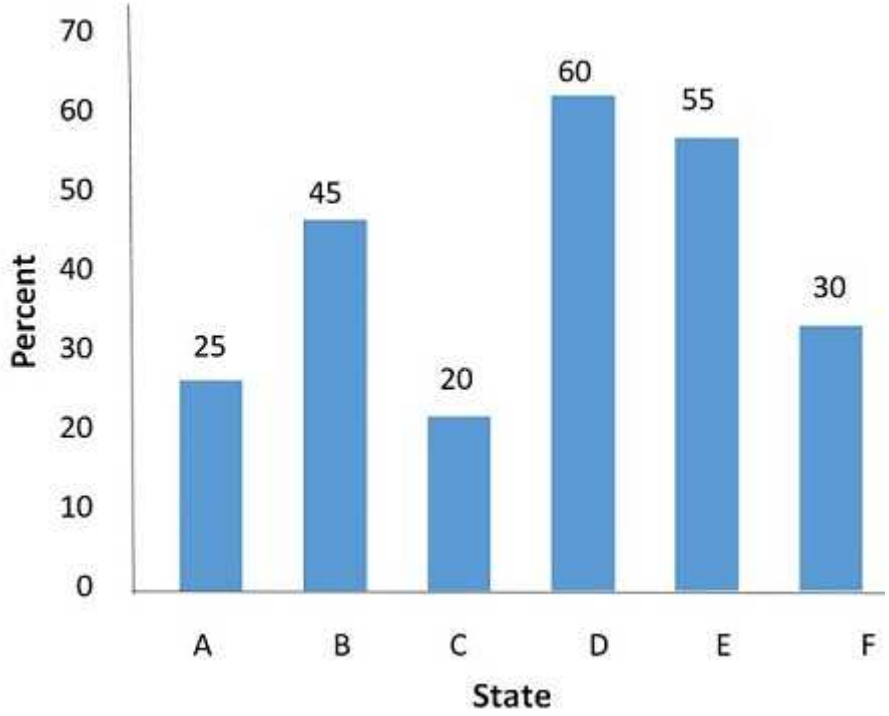
1) 5/4
2) 3/2
3) 4/5
4) 2/3

Correct Answer: **5/4**

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

Direction: Study the following graph carefully and answer the questions



Question 72. Which state has the maximum percentage of electrified villages?

Options:

1) B
2) C
3) D
4) F

Correct Answer: C

Question 73. If the Central Government desires to give aid for speedy electrification starting from states with least electrification, which state will get fourth rank in order of priority?

Options:

1) F
2) C
3) E
4) B

Correct Answer: **F**

Question 74. How many States have at least 60% or more electrified villages?

Options:

1) Five

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

2) Three
3) Four
4) Two

Correct Answer: **Three**

Question 75. Which state has twice the percentage of villages electrified in comparison to state D?

Options:

1) A
2) E
3) F
4) C

Correct Answer: **C**

Download From : www.sscportal.in COURTESY : SSC

Download From : www.sscportal.in

Study Material for SSC CGL (Tier-1) Examination	English	CLICK HERE
Study Kit for SSC CGL (Tier-2) Exam	English	CLICK HERE
Study Kit for SSC CHSL (10+2) Examination	English	CLICK HERE
Study Kit for SSC Stenographers (Grade 'C' & 'D')	English	CLICK HERE
Study Kit for Multitasking (Non-Technical) - MTS	English	CLICK HERE
Study Kit for SSC Constables (GD) Exam	English	CLICK HERE
Study Kit For SSC Sub-Inspectors in Delhi Police, CAPFs, CISF	English	CLICK HERE
Study Kit for SSC Junior Engineer Exam (Paper-1)	English	CLICK HERE
IAS EXAMS STUDY MATERIALS		
Study Kit for IAS (Pre) GENERAL STUDIES Paper-1 (GS)	English	CLICK HERE
Study Kit for IAS (Pre) CSAT Paper-2(Aptitude)	English	CLICK HERE
सामान्य अध्ययन (GS) प्रारंभिक परीक्षा (Pre) पेपर-1	हिन्दी	CLICK HERE
आई. ए. एस. (सी-सैट) प्रांरभिक परीक्षा पेपर -2	हिन्दी	CLICK HERE
Gist of NCERT Study Kit For UPSC Exams	English	CLICK HERE
यूपीएससी परीक्षा के लिए एनसीईआरटी अध्ययन सामग्री	हिन्दी	CLICK HERE

Download From : www.sscportal.in COURTESY : SSC