



SSC CGL (Tier - 1) Online Exam Paper - 2016 "held on 29 August 2016" Morning Shift (Quantitative Aptitude)


Question 52. The price of a shirt after 15% discount, is Rs.119. What was the marked price of the shirt before discount

Options:

- 1) Rs.129
- 2) Rs.140
- 3) Rs.150
- 4) Rs.160

Correct Answer: Rs.140

Question 53.

 Description: http://thepracticetest.in/challengesystem/qpimages/C42_53Q.jpg

Options:

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

Correct Answer: 0

Question 54. The average of a,b,c is 20 and that of b,c,d is 25; if d=30, then the value of a is

Options:

- 1) 25
- 2) 45
- 3) 30
- 4) 15

Correct Answer: 15

Question 55.A store sells a watch for a profit of 25% of the cost. Then the percentage of profit against selling price is

Options:

- 1) 22%
- 2) 20%
- 3) 18%
- 4) 15%

Correct Answer: 20%

Question 56.If A is equal to 20% of B and B is equal to 25% of C; then what percent of C is equal to A?

Options:

- 1) 10
- 2) 15
- 3) 5
- 4) 20

Correct Answer: 5

Question 57.A gun is fired at a distance of 1.7 km from Ram and he hears the sound after 25 seconds. The speed of sound in meter per second is

Options:

- 1) 60
- 2) 62
- 3) 64
- 4) 68

Correct Answer: 68

Question 58.A sum of 3000 yields an interest of 1080 at 12% per annum simple interest in how many years ?

Options:

- 1) 4 Years
- 2) 3 Years

- 3) 5 years
- 4) 2½ Years

Correct Answer: 3 Years

Question 59.

 Description:
<http://thepracticetest.in/challengesystem/qpi>

Options:

1)




2)

3)

4) 2

Correct Answer:


Question 60.

 Description:
http://thepracticetest.in/challengesystem/qpimages/C42_60Q.jpg

Options:

1) 0

2)

 Description:
http://thepracticetest.in/challengesystem/qpimages/C42_60Q.jpg


3)

 Description:
http://thepracticetest.in/challengesystem/qpimages/C42_60Q.jpg

4) 1

Correct Answer: 0

Question 61.

 Description:
http://thepracticetest.in/challengesystem/qpimages/C42_61Q.jpg

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Options:

- 1) 2
- 2) 1
- 3) 0
- 4) $\frac{1}{2}$

Correct Answer: $\frac{1}{2}$

Question 62.The area of the largest triangle that can be inscribed in a semicircle of radius 6m is

Options:

- 1) 36 m^2
- 2) 72 m^2
- 3) 18 m^2
- 4) 12 m^2

Correct Answer: 36 m^2

Question 63.



Description:
<http://thepracticetest.in/challengesyste>

Options:

- 1) $2\sin$
- 2) $2\cos$
- 3) $2\sec$
- 4) 2cosec

Correct Answer: $2\text{cosec}\theta$

Question 64.Twenty women can do a work in sixteen days. Sixteen men can complete the same work in fifteen days. The ratio between the capacity of a man and a woman is

Options:

- 1) 3:4
- 2) 4:3
- 3) 5:3
- 4) 5:7

Correct Answer: 4:3

Question 65.



Description:
http://thepracticetest.in/challengesystem/qpimages/C42_65
Q inq

Options:

- 1) 180
- 2) 198
- 3) 234
- 4) 252

Correct Answer: 198

Question 66.In a cyclic quadrilateral ABCD $\angle BCD=120^\circ$ and passes through the centre of the circle. Then $\angle ABD = ?$

Options:

- 1) 30°
- 2) 40°
- 3) 50°
- 4) 60°

Correct Answer: 30°

Question 67.The midpoints of AB and AC of a triangle ABC are X and Y respectively. If $BC+XY=12$ units, then $BC-XY$ is

Options:

- 1) 10 units
- 2) 8 units
- 3) 6 units
- 4) 4 units

Correct Answer: 4 units

Question 68.In an isosceles $\triangle ABC$, AD is the median to the unequal side meeting BC at D. DP is the angle bisector of $\angle ADB$ and PQ is drawn parallel to BC meeting AC at Q. Then the measure of $\angle PDQ$ is

Options:

- 1) 130°
- 2) 90°
- 3) 180°
- 4) 45°

Correct Answer: 90°

Question 69. 129 meter from the foot of a cliff on level of ground, the angle of elevation of the top of a cliff is 30° . The height of this cliff is

Options:

- 1) 50 3 metre
- 2) 45 3 metre
- 3) 43 3 metre
- 4) 47 3 metre

Correct Answer: $43\sqrt{3}$ metre

Question 70. The volume of metallic cylindrical pipe of uniform thickness is 748 c.c. Its length is 14 cm and its external radius is 9 cm. The thickness of the pipe is

Options:

- 1) 0.5 cm
- 2) 1.5 cm
- 3) 1 cm
- 4) 2 cm

Correct Answer: 1 cm

Question 71.

 Description:
http://thepracticetest.in/challengesystem/qpimages/C42_71Q.ina

Options:

- 1) $\frac{1}{5}$
- 2) $\frac{2}{5}$
- 3) $\frac{3}{5}$
- 4) 0

Correct Answer: $\frac{3}{5}$

The bar graph shows the production of table fans in a factory during one week. Study the bar graph and answer the question.

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Description: http://thepracticetest.in/challengesystem/qpimages/C42_72-75.jpg

Question 72. The maximum production exceeds the minimum production by:

Options:

- 1) 400
- 2) 420
- 3) 500
- 4) 540

Correct Answer: 420

Question 73. The average production of table fan in that week is

Options:

- 1) 370
- 2) 280
- 3) 300
- 4) 250

Correct Answer: 300

Question 74. Ratio of the total production of table fans in the factory from Monday to Wednesday to that from Thursday to Saturday is

Options:

- 1) 19:26
- 2) 26:19
- 3) 29:16
- 4) 16:29

Correct Answer: 29:16

Question 75. The average production of table fans on Monday & Tuesdays exceeds the average production of table fans during the week by

Options:

- 1) 150 fans
- 2) 100 fans
- 3) 140 fans
- 4) 200 fans

Correct Answer: 100 fans



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