



SSC CHSL (Tier - 1) Online Exam Paper - 2017 "held on 14 March 2018"

Morning Shift (Quantitative Aptitude)

QID : 51 - What least number can be multiplied by 165375 to make it a perfect cube?

Options:

- 1) 2
- 2) 5
- 3) 7
- 4) 49

Correct Answer: 7

QID : 52 - Find the sum of $0.99995 + 0.88885 + 0.77775 + 0.66665 + 0.55555$.

Options:

- 1) 3.88875
- 2) 2.88875
- 3) 3.6875
- 4) 2.9875

Correct Answer: 3.88875

QID : 53 -

If $x + \frac{4}{x} = 4$, then find the value of $x^8 + 1$.

यदि $x + \frac{4}{x} = 4$ है, तो $x^8 + 1$ मान ज्ञात करें।

Options:

- 1) 51
- 2) 65
- 3) 78
- 4) 82

Correct Answer: 65

QID : 54 -

If $y:x:z = 4:5:6$, then find the value of $\frac{x-y+z}{x+y-z}$.

यदि $y:x:z = 4:5:6$ है, तो $\frac{x-y+z}{x+y-z}$ का मान ज्ञात करें।

Options:

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

Correct Answer: 7/3

QID : 55 - If the length of the three sides of a triangle is 5 cm, 12 cm and 13 cm respectively, then calculate the length (in cm) of the median of side AC of the given triangle.

Options:

- 1) 5
- 2) 6
- 3) 6.5
- 4) 7

Correct Answer: 6.5

QID : 56 - What will be the value of the angle (in degrees) subtended by the chord in the minor segment of the circle, if the length of a chord is equal to the radius of the circle?

Options:

- 1) 120°
- 2) 150°
- 3) 160°
- 4) 180°

Correct Answer: 150°

QID : 57 - What is the value of 30% of 125 + 45% of 300?

Options:

- 1) 165
- 2) 172.5
- 3) 155
- 4) 163.5

Correct Answer: 172.5

QID : 58 - If $A : B = 5 : 3$, then what is the value of $(A + B) : (A - B)$?

Options:

- 1) 4 : 1
- 2) 2 : 1
- 3) 4 : 3
- 4) 8 : 3

Correct Answer: 4 : 1

QID : 59 - How many kg of rice at Rs 54 per kg must be mixed with 30 kg of rice at Rs 40 per kg, so that on selling the mixture at Rs 48.4 per kg, there will be a profit of 10%?

Options:

- 1) 22
- 2) 18
- 3) 15
- 4) 12

Correct Answer: 12

QID : 60 - The average weight of X, Y and Z is 35 kg. If the average weight of X and Y is 33 kg and that of Y and Z is 29 kg, then what is the weight (in kg) of Y?

Options:

- 1) 19

2) 23.5

3) 27

4) 37

Correct Answer: 19

QID : 61 - Some part of Rs 9500 was lent at the rate of 15% per annum simple interest and the remaining part at the rate of 20% per annum simple interest. The total interest received after $\frac{3}{2}$ years is Rs 2565. What is the ratio of money lent at the rate of 15% and 20%?

Options:

1) 11 : 8

2) 12 : 7

3) 2 : 3

4) 5 : 4

Correct Answer: 2 : 3

QID : 62 - If 80% of total articles are sold at a loss of 15% and remaining articles are sold at a profit of 15%, then what will be the overall loss percentage?

Options:

1) 15

2) 6

3) 9

4) 12

Correct Answer: 9

QID : 63 - If three successive discounts of 10%, 15% and 30% are given, then what will be the net discount (in percentage)?

Options:

1) 53.15

2) 55

3) 46.45

4) 43.45

Correct Answer: 46.45

QID : 64 -

Which of the following statement(s) is/are **TRUE**?

I. $\sqrt{324} + \sqrt{3.24} + \sqrt{0.0324} = 19.98$

II. $\sqrt{129 + \sqrt{121} + \sqrt{361} + \sqrt{100}} = 13$

निम्नलिखित में से कौन सा/से कथन सत्य है/हैं?

I. $\sqrt{324} + \sqrt{3.24} + \sqrt{0.0324} = 19.98$

II. $\sqrt{129 + \sqrt{121} + \sqrt{361} + \sqrt{100}} = 13$

Options:

- 1) Only I
- 2) Only II
- 3) Neither I nor II
- 4) Both I and II

Correct Answer: Both I and II

QID : 65 - A is 40% more efficient than B. If B alone can complete a work in 42 days, then A alone can complete the same work in how many days?

Options:

- 1) 36
- 2) 40
- 3) 30
- 4) 32

Correct Answer: 30

QID : 66 - A train of length 180 metres crosses a tree in 15 seconds and crosses another train of the same length travelling in opposite direction in 20 seconds. What is the speed (in km/hr) of the second train?

Options:

- 1) 21.6
- 2) 6
- 3) 33.4
- 4) 36.6

Correct Answer: 21.6

QID : 67 -

SSC CHSL (10+2) Printed Study Kit



- 100% CHSL Exam Syllabus Covered
- 5 Books, 1000+ Pages
- 4500+ MCQs
- Solved Papers & Mock Tests (PDF Copy)
- 1 Year Current Affairs (PDF Copy)

50% OFF
₹ 4,000/-
₹ **1,999/-**

FREE SHIPPING 

for Exam Help Call Us at: +91 8800734161

 **SSCPORTAL.IN**
India's Largest Online Community for SSC CHSL Exam Preparation

What you will get:

- 100% CHSL Exam Syllabus Covered
- 5 Booklets
- More Than 1000+ Pages
- 4500+ MCQs
- Previous Solved Papers
- Current Affairs for Exam
- Guidance & Support from Our Experts

Price of the Kit:

Rs. 4,000

Rs. 1,999/-
(Limited time Offer)

 **Buy Online**

Net Banking

Order Online (100% Safe)

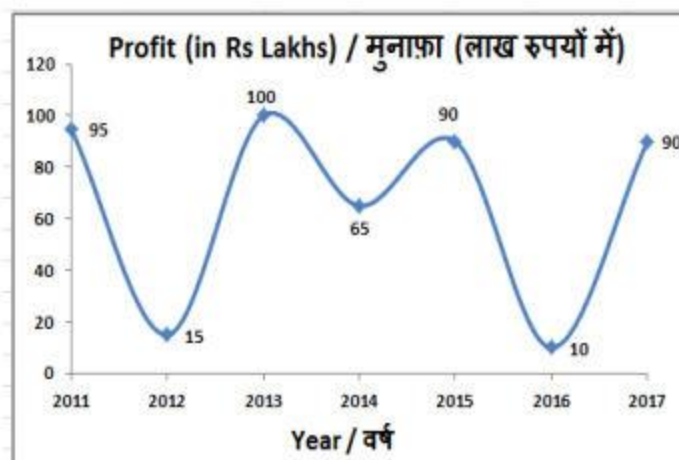
[Click here for Other Payment Options \(Cash/NEFT/etc\)](#)

FOR MORE DETAILS CLICK HERE

50% OFF

The line graph shows the profits of a certain company.
Study the diagram and answer the following questions.

यह रेखा ग्राफ एक विशिष्ट कंपनी द्वारा किये गये मुनाफे को दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



In which year were the profits greater than that of the previous year?

Options:

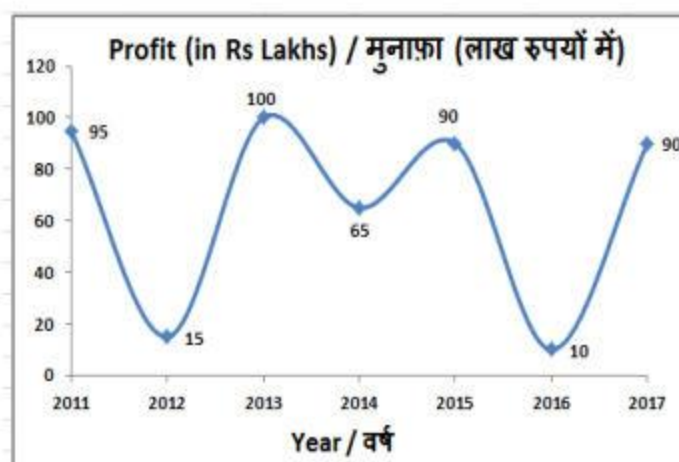
- 1) 2013
- 2) 2012
- 3) 2014
- 4) 2016

Correct Answer: 2013

QID : 68 -

The line graph shows the profits of a certain company.
Study the diagram and answer the following questions.

यह रेखा ग्राफ एक विशिष्ट कंपनी द्वारा किये गये मुनाफे को दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



What was the difference in the profits (in Rs lakhs) between the years 2014 and 2013?

Options:

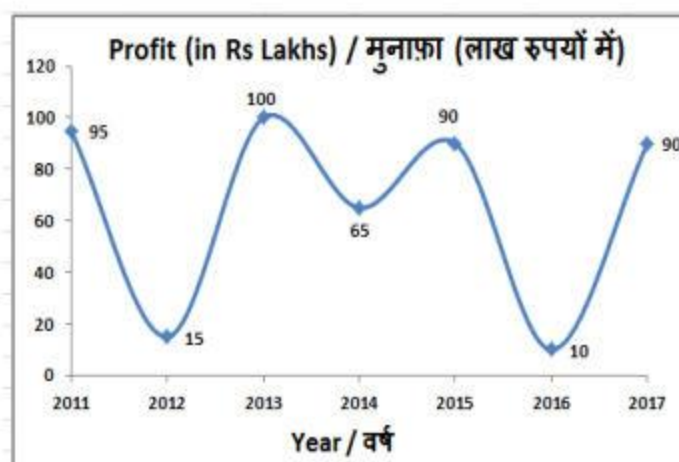
- 1) 30
- 2) 25
- 3) 40
- 4) 35

Correct Answer: 35

QID : 69 -

The line graph shows the profits of a certain company.
Study the diagram and answer the following questions.

यह रेखा ग्राफ एक विशिष्ट कंपनी द्वारा किये गये मुनाफे को दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



The profits in 2012 were greater than that in 2016 by _____.

Options:

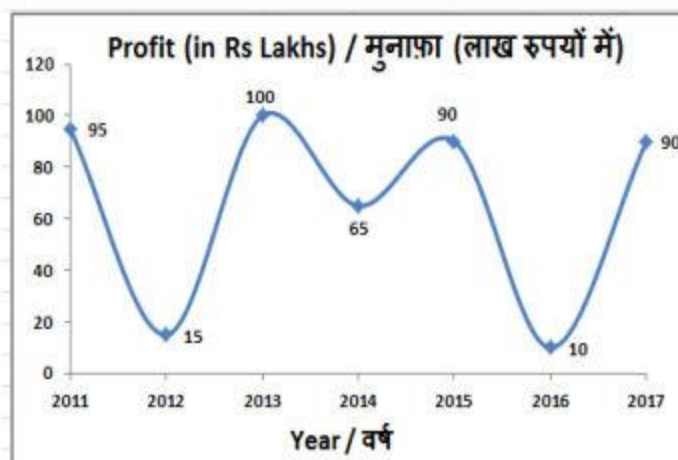
- 1) 16.70%
- 2) 5%
- 3) 50%
- 4) 33.30%

Correct Answer: 50%

QID : 70 -

The line graph shows the profits of a certain company.
Study the diagram and answer the following questions.

यह रेखा ग्राफ एक विशिष्ट कंपनी द्वारा किये गये मुनाफे को दर्शाता है। इस आरेख का अध्ययन करें और निम्नलिखित प्रश्नों के उत्तर दें।



What were the total profits (in Rs lakhs) of the company in the last four years?

Options:

- 1) 250
- 2) 245
- 3) 255
- 4) 240

Correct Answer: 255

QID : 71 - The length and breadth of a rectangle are 21 cm and 20 cm respectively. What must be the length of its diagonal (in cm)?

Options:

- 1) 58
- 2) 18
- 3) 36
- 4) 29

Correct Answer: 29

QID : 72 - If the measure of the interior angle of a regular polygon is 108° greater than the measure of its exterior angle then how many sides does it have?

Options:

- 1) 10
- 2) 12
- 3) 15
- 4) 18

Correct Answer: 10

QID : 73 - Find the volume (in cm^3) of a sphere of diameter 21 cm.

Options:

- 1) 4851
- 2) 3628
- 3) 3071
- 4) 3724

Correct Answer: 4851

QID : 74 - What is the value of $(\frac{1}{3} - \sec 45^\circ)$?

Options:

- 1) $(4-\sqrt{3})/2$
- 2) $(\sqrt{6}-1)/\sqrt{3}$
- 3) $(1-3\sqrt{2})/3$
- 4) $(\sqrt{2}-1)/\sqrt{2}$

Correct Answer: $(1-3\sqrt{2})/3$

QID : 75 - $\triangle ABC$ is right angled at B. If $\sec A = 5/3$, then what is the value of $\operatorname{cosec} C$?

Options:

- 1) $5/3$
- 2) $3/4$
- 3) $4/5$
- 4) $4/3$

Correct Answer: $5/3$



SSC EXAMS PRINTED STUDY NOTES

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) प्रारंभिक 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