



# SSC ONLINE EXAMINATION

## CANDIDATE RESPONSE SHEET/GRIEVANCE SYSTEM

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Roll No.

Candidate Name

Exam Level : 

Test Date : 13 Nov 2025

Test Time and Shift : 10:00 AM (Shift-1)

Centre Name :

Correct Option selected Wrong Option selected Correct Option Not Answered[Save / Print](#)[Click Here for PART-A](#)[Click Here for PART-B](#)[Click Here for PART-C](#)[Click Here for PART-D](#)

### PART-A (English Language (Basic Knowledge))

[Click Here to Challenge Question No.: 1](#)

Q.No: 1 Identify the part of the sentence that contains a grammatical error.

A. The book, B. which you recommended, C. was interesting and D. an easily read.

The book,

which you recommended,

was interesting and

 an easily read.[Click Here to Challenge Question No.: 2](#)

Q.No: 2 Fill in the blank with the most appropriate conjunction:

He neither attended the seminar \_\_\_\_\_ submitted his report on time.

but also

or

nor  
and

[Click Here to Challenge Question No.: 3](#)

Q.No: 3 Select the most appropriate synonym of the word: **Idiosyncrasy**

- Commonality
- Normality
- Peculiarity
- Conformity

[Click Here to Challenge Question No.: 4](#)

Q.No: 4 **Fill in the blank with the most appropriate idiom:**

The politician's speech was full of vague promises but ultimately it was just .

- pulling strings
- a red herring
- smoke and mirrors
- The last straw

**Not Answered**

[Click Here to Challenge Question No.: 5](#)

Q.No: 5 Which of the following sentences uses the word "wave" with the **same meaning** as in the following sentence?

"She gave a friendly wave to her neighbor"

- The dog loved to chase the waves on the beach.
- The crowd gave a slow wave as the parade passed by.
- The storm created huge waves.
- The ocean waves crashed against the shore.

[Click Here to Challenge Question No.: 6](#)

Q.No: 6 **Read the following passage and answer the questions based on it:**

In addition to the historical taboo that often silenced discussions of psychological well-being, mental health awareness has evolved into an essential part of contemporary society. Creating a culture that is supportive and understanding starts with recognizing that mental health is on par with bodily health. Increasing knowledge helps de-stigmatize conditions like bipolar disorder, anxiety, and depression by encouraging people to seek treatment without feeling ashamed or afraid of being judged. It promotes early intervention, which is necessary for better long-term outcomes and successful therapy. Moreover, increasing public awareness of mental health conditions gives power to the community to offer sympathy and support to individuals experiencing challenges through informing them about symptoms, coping mechanisms, and services available. Ultimately, a society that gives a lot of emphasis to mental health awareness is one that cares about its people's overall welfare.

What is one major benefit of increasing mental health awareness?

- It makes people ashamed to talk about mental health
- It encourages early intervention and better long-term outcomes
- It encourages people to hide their mental health issues

It discourages people from seeking treatment

[Click Here to Challenge Question No.: 7](#)

**Q.No: 7 Read the following passage and answer the questions based on it:**

In addition to the historical taboo that often silenced discussions of psychological well-being, mental health awareness has evolved into an essential part of contemporary society. Creating a culture that is supportive and understanding starts with recognizing that mental health is on par with bodily health. Increasing knowledge helps de-stigmatize conditions like bipolar disorder, anxiety, and depression by encouraging people to seek treatment without feeling ashamed or afraid of being judged. It promotes early intervention, which is necessary for better long-term outcomes and successful therapy. Moreover, increasing public awareness of mental health conditions gives power to the community to offer sympathy and support to individuals experiencing challenges through informing them about symptoms, coping mechanisms, and services available. Ultimately, a society that gives a lot of emphasis to mental health awareness is one that cares about its people's overall welfare.

How does mental health awareness help reduce stigma?

- By promoting a culture of silence around mental health issues
- By encouraging people to feel ashamed about seeking help
- By increasing knowledge and encouraging people to seek treatment
- By discouraging open discussions about mental health

[Click Here to Challenge Question No.: 8](#)

**Q.No: 8 Read the following passage and answer the questions based on it:**

In addition to the historical taboo that often silenced discussions of psychological well-being, mental health awareness has evolved into an essential part of contemporary society. Creating a culture that is supportive and understanding starts with recognizing that mental health is on par with bodily health. Increasing knowledge helps de-stigmatize conditions like bipolar disorder, anxiety, and depression by encouraging people to seek treatment without feeling ashamed or afraid of being judged. It promotes early intervention, which is necessary for better long-term outcomes and successful therapy. Moreover, increasing public awareness of mental health conditions gives power to the community to offer sympathy and support to individuals experiencing challenges through informing them about symptoms, coping mechanisms, and services available. Ultimately, a society that gives a lot of emphasis to mental health awareness is one that cares about its people's overall welfare.

Why is early intervention important in mental health, according to the text?

- It prevents people from discussing mental health issues
- It leads to better long-term outcomes and more successful therapy
- It makes mental health conditions worse
- It eliminates the need for therapy

[Click Here to Challenge Question No.: 9](#)

**Q.No: 9 Read the following passage and answer the questions based on it:**

In addition to the historical taboo that often silenced discussions of psychological well-being, mental health awareness has evolved into an essential part of contemporary society. Creating a culture that is supportive and understanding starts with recognizing that mental health is on par with bodily health. Increasing knowledge helps de-stigmatize conditions like bipolar disorder, anxiety, and depression by encouraging people to seek treatment without feeling ashamed or afraid of being judged. It promotes early intervention, which is necessary for better long-term outcomes and successful therapy. Moreover, increasing public awareness of mental health conditions gives power to the community to offer sympathy and support to individuals experiencing challenges through informing them about symptoms, coping mechanisms, and services available. Ultimately, a society that gives a lot of emphasis to mental health awareness is one that cares about its people's overall welfare.

How does increasing public awareness of mental health conditions benefit the community?

- By discouraging individuals from seeking treatment

By helping people offer sympathy and support to those experiencing challenges

By making it harder to find mental health services

By ignoring the symptoms and conditions of mental health

[Click Here to Challenge Question No.: 10](#)

Q.No: 10 Read the following passage and answer the questions based on it:

In addition to the historical taboo that often silenced discussions of psychological well-being, mental health awareness has evolved into an essential part of contemporary society. Creating a culture that is supportive and understanding starts with recognizing that mental health is on par with bodily health. Increasing knowledge helps de-stigmatize conditions like bipolar disorder, anxiety, and depression by encouraging people to seek treatment without feeling ashamed or afraid of being judged. It promotes early intervention, which is necessary for better long-term outcomes and successful therapy. Moreover, increasing public awareness of mental health conditions gives power to the community to offer sympathy and support to individuals experiencing challenges through informing them about symptoms, coping mechanisms, and services available. Ultimately, a society that gives a lot of emphasis to mental health awareness is one that cares about its people's overall welfare.

What does the text suggest about a society that values mental health awareness?

It only cares about physical health

It creates an environment where people feel judged for seeking help

It prioritizes the overall welfare of its people

It ignores the importance of mental well-being

[Click Here to Challenge Question No.: 11](#)

Q.No: 11 Choose the correctly spelt word:

Effervescence

Effervescense

Efferescence

Effervesance

[Click Here to Challenge Question No.: 12](#)

Q.No: 12 Choose the correctly spelt word:

Personnel

Personel

Personeel

Persnell

[Click Here to Challenge Question No.: 13](#)

Q.No: 13 Choose the correct meaning of the idiom: **Whatever floats your boat**

Something that is impossible

Something that is easy to do

Something that is universally accepted

Something that makes you happy

[Click Here to Challenge Question No.: 14](#)

Q.No: 14 Choose the correct one-word substitute for:  
A person who loves and collects stamps

Philatelist

Numismatist

Bibliophile

Collector

[Click Here to Challenge Question No.: 15](#)

Q.No: 15 Select the most appropriate antonym of the word: **Serene**

Chaotic

Calm

Peaceful

Tranquil

[Click Here to Challenge Question No.: 16](#)

Q.No: 16 Select the most appropriate antonym of the word: **Sagacious**

Wise

Foolish

Prudent

Shrewd

[Click Here to Challenge Question No.: 17](#)

Q.No: 17 Choose the correct one-word substitute for:  
A belief that the Earth is the center of the universe

Geocentrism

Heliocentrism

Anthropocentrism

Cosmocentrism

[Click Here to Challenge Question No.: 18](#)

Q.No: 18 Change the following sentence into the Active form.

Let the documents be submitted to the head of the department by the end of the week.

You should submit the documents to the head of the department by the end of the week.

Submit the documents to the head of the department by the end of the week.

The documents will be submitted to the head of the department by the end of the week.

Let the head of the department submit the documents by the end of the week.

[Click Here to Challenge Question No.: 19](#)

Q.No: 19 **Select the option that expresses the given sentence in indirect voice.**

The librarian told the child, "You should not be making so much noise, because the other students have been trying to study for their exams."

The librarian told the child that he should not be making so much noise, because the other students had been trying to study for their exams.

The librarian told the child that he should not have been making so much noise, because the other students have been trying to study for their exams.

The librarian told the child that he would not be making so much noise, because the other students had been trying to study for their exams.

The librarian told the child that he should not be making so much noise, because the other students have been trying to study for their exams.

[Click Here to Challenge Question No.: 20](#)

Q.No: 20 **Choose the most suitable option to replace the highlighted part of the sentence:**

This is **the most toughest exam** that I have ever taken.

the most tough exam

the toughest exam

the most toughest exam

is toughest exam

[Click Here to Challenge Question No.: 21](#)

Q.No: 21 **Choose the most suitable option to replace the highlighted part of the sentence:**

The fraud comes at a time when the unregulated finance industry is facing a crisis **on its way of** high-interest rates and low repayment of loans.

because manner of

since ways are

by way of

in the way of

[Click Here to Challenge Question No.: 22](#)

Q.No: 22 **Choose the correct passive voice transformation of the sentence:**

They had not closed the shop.

The shop has not been closed by them.

The shop was not closed by them.

The shop had not been closed by them.

The shop is not closed by them.

[Click Here to Challenge Question No.: 23](#)

Q.No: 23 **Select the option that expresses the given sentence in direct voice.**

He said that if he were to receive a promotion, he would buy his family a bigger house.

He said, "If I received a promotion, I would buy my family a bigger house."

He said, "If I were to receive a promotion, I would buy my family a bigger house."

He said, "If I receive a promotion, I will buy my family a bigger house."

He said, "If I had received a promotion, I would have bought my family a bigger house."

[Click Here to Challenge Question No.: 24](#)

Q.No: 24 **Rearrange the following sentence parts to form a meaningful and grammatically correct paragraph:**

P. He started assembling the deck planks, fastening each one in a neat, even line.

Q. He made sure that every angle was precisely square when he constructed the deck with beams and joists.

R. He prepared the foundation by excavating holes and positioning the building's columns.

S. He took a step back and admired the new outdoor area, a sturdy deck that was made to stay.

S, Q, P, R

R, Q, P, S

Q, R, P, S

P, Q, R, S

[Click Here to Challenge Question No.: 25](#)

Q.No: 25 **Rearrange the following sentence parts to form a meaningful and grammatically correct paragraph:**

P. The method, which is titled the Socratic method, is a cornerstone of Western philosophy.

Q. Socrates believed that the path to knowledge was not through lecturing but through a systematic process of questioning.

R. He would probe his students mercilessly, taking them through a chain of logical conclusions.

S. Its goal was not to provide answers but to force the individual to discover the truth for themselves.

Q, P, R, S

S, P, R, Q

Q, R, S, P

S, Q, R, P



## SSC ONLINE EXAMINATION



**Roll No.**  
**Candidate Name**  
**Exam Level** : **SSC CHSL Tier 1**   
**Test Date** : **27 Nov 2025**  
**Test Time and Shift** : **10:00 AM (Shift-1)**  
**Centre Name**

**Correct Option selected** **Wrong Option selected** **Correct Option** **Not Answered**

**Save / Print**

**Question**

**Options**

[Click Here for PART-A](#) [Click Here for PART-B](#) [Click Here for PART-C](#) [Click Here for PART-D](#)

### PART-C (Quantitative Aptitude (Basic Arithmetic Skill))

		<a href="#">Click Here to Challenge Question No.: 51</a>
Q.No: 51	In analyzing underground pressure, the expression is simplified from $(a^2 - b^2)^2 - (2ab)^2$ . What's the final expression? भूमिगत दबाव विश्लेषण में व्यंजक को $(a^2 - b^2)^2 - (2ab)^2$ से सरल किया जाता है। अंतिम रूप क्या होगा?	
	$a^4 - 4a^2b^2 + b^4$	
	$a^4 - 4a^2b^2 + b^4$	
	$a^4 + 2a^2b^2 + b^4$	
	$a^4 + 2a^2b^2 + b^4$	
	$a^4 - 6a^2b^2 + b^4$	
	$a^4 - 6a^2b^2 + b^4$	
	$a^4 - b^4$	

$$a^4 - b^4$$

[Click Here to Challenge Question No.: 52](#)

Q.No: 52 Compare the values:  $\sqrt{18}$ ,  $2\sqrt{5}$ , and  $\sqrt{40}$ . Which is the greatest?

$\sqrt{18}$ ,  $2\sqrt{5}$ , और  $\sqrt{40}$  में से सबसे बड़ा मान कौन सा है?

$\sqrt{18}$

$\sqrt{18}$

$2\sqrt{5}$

$2\sqrt{5}$

$\sqrt{40}$

$\sqrt{40}$

All are equal

सभी समान हैं

[Click Here to Challenge Question No.: 53](#)

Q.No: 53 The ratio of incomes of A and B is 7:5 and the ratio of their expenditures is 3:2. If both save ₹4000 per month, what is A's income?

A और B की आय का अनुपात 7:5 है और उनके खर्चों का अनुपात 3:2 है। यदि दोनों प्रति माह ₹4000 बचाते हैं, तो A की आय क्या है?

₹28,000

₹28,000

₹35,000

₹35,000

₹32,000

₹32,000

₹30,000

₹30,000

[Click Here to Challenge Question No.: 54](#)

Q.No: 54 What percent of Rs. 300 is Rs. 45?

300 रुपये का कितना प्रतिशत 45 रुपये है?

10%

10%

15%

15%

20%

20%

25%

25%

[Click Here to Challenge Question No.: 55](#)

Q.No: 55	A dishonest dealer professes to sell goods at cost price but uses a false weight of 950g instead of 1kg. Find his profit percentage. एक बेईमान व्यापारी वस्तुओं को क्रय मूल्य पर बेचने का दावा करता है लेकिन 1 किलोग्राम के बजाय 950 ग्राम के गलत वजन का उपयोग करता है। उसका लाभ प्रतिशत ज्ञात कीजिए।
	4.76%
	4.76%
	5.26%
	5.26%
	6.25%
	6.25%
	7.14%
	7.14%

[Click Here to Challenge Question No.: 56](#)

Q.No: 56	A person covers a certain distance in 2 hours. If he had moved 5 km/h faster, he would have taken 30 minutes less. Find the original speed. एक व्यक्ति कोई दूरी 2 घंटे में तय करता है। यदि वह 5 km/h अधिक तेज चलता, तो वह 30 मिनट कम लेता। उसकी प्रारंभिक गति ज्ञात करें।
	10 km/h
	10 km/h
	12 km/h
	12 km/h
	15 km/h
	15 km/h
	20 km/h
	20 km/h

[Click Here to Challenge Question No.: 57](#)

Q.No: 57	Two trains start from stations A and B towards each other and meet after 4 hours. Train from A travels 20% faster than train from B. If the distance between A and B is 528 km, find the speed of the slower train. दो ट्रेनों स्टेशन A और B से आमने-सामने चलती हैं और 4 घंटे बाद मिलती हैं। A से चलने वाली ट्रेन, B से चलने वाली ट्रेन से 20% तेज है। यदि A और B के बीच की दूरी 528 km है, तो धीमी ट्रेन की गति ज्ञात करें।
	55 km/h
	55 km/h
	60 km/h
	60 km/h
	65 km/h

65 km/h

70 km/h

70 km/h

Not Answered

[Click Here to Challenge Question No.: 58](#)

Q.No: 58 A sum of Rs. 6250 amounts to Rs. 7290 in 2 years at compound interest. Find the rate per annum.

Rs. 6250 की राशि 2 वर्षों में चक्रवृद्धि ब्याज पर Rs. 7290 हो जाती है। वार्षिक दर ज्ञात करें।

8%

8%

9%

9%

10%

10%

11%

11%

[Click Here to Challenge Question No.: 59](#)

Q.No: 59 A and B together can do a piece of work in 20 days. They worked for 8 days, and C completed the remaining in 4 days. How long will C alone take to do the whole work?

A और B मिलकर किसी कार्य को 20 दिनों में कर सकते हैं। दोनों 8 दिन कार्य करते हैं, फिर शेष कार्य को C चार दिन में पूरा करता है। C अकेला पूरा कार्य कितने दिनों में करेगा?

6 days

6 दिन

6.67 days

6.67 दिन

8 days

8 दिन

10 days

10 दिन

[Click Here to Challenge Question No.: 60](#)

Q.No: 60 What sum will amount to ₹8800 in 2 years at 10% simple interest per annum?

कौन-सी राशि 2 वर्षों में 10% साधारण ब्याज प्रतिवर्ष पर ₹8800 हो जाएगी?

₹7200

₹7200

₹7333.33
₹7333.33
₹7500
₹7500
₹7600
₹7600

[Click Here to Challenge Question No.: 61](#)

Q.No: 61	A skylight is trapezium-shaped with area $84 \text{ cm}^2$ and bases 10 cm, 14 cm. What is its height? एक स्काईलाइट समलंब के आकार की है जिसका क्षेत्रफल $84 \text{ cm}^2$ है और आधार 10 cm व 14 cm हैं। इसकी ऊँचाई कितनी है?
	5
	5
	7
	7
	6
	6
	8
	8

[Click Here to Challenge Question No.: 62](#)

Q.No: 62	A metal container is in the shape of a cuboid with dimensions $3 \text{ m} \times 2 \text{ m} \times 1.5 \text{ m}$ . What will be the cost of painting its outer surface at the rate of Rs. 15 per square meter? एक धातु कंटेनर घनाभ के आकार का है जिसकी माप $3 \text{ m} \times 2 \text{ m} \times 1.5 \text{ m}$ है। यदि उसकी बाहरी सतह को Rs. 15 प्रति $\text{m}^2$ की दर से रंगा जाए, तो कुल लागत ज्ञात कीजिए।
	Rs. 390
	Rs. 390
	Rs. 405
	Rs. 405
	Rs. 420
	Rs. 420
	Rs. 450
	Rs. 450

Not Answered

[Click Here to Challenge Question No.: 63](#)

Q.No: 63	A triangular display stand is shaped like a right pyramid with equilateral triangle base of side 12 cm and height 10 cm. What is the volume of the stand? एक त्रिकोणीय डिस्प्ले स्टैंड एक लंब पिरामिड के आकार का है जिसका आधार 12 cm भुजा वाला एक समबाहु त्रिभुज है और ऊँचाई 10 cm है। स्टैंड का आयतन क्या है?
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312 cm <sup>3</sup>
312 cm <sup>3</sup>
254.8 cm <sup>3</sup>
254.8 cm <sup>3</sup>
374 cm <sup>3</sup>
374 cm <sup>3</sup>
207.8 cm <sup>3</sup>
207.8 cm <sup>3</sup>

[Click Here to Challenge Question No.: 64](#)

Q.No: 64 In right triangle ABC, right angled at 'B', AB = 18 cm. BD is perpendicular to AC such that AC = 2BD. If  $\angle BAC = \angle BCA$ , then find the numerical value of  $(AC^2 - BD^2)$ .

समकोण त्रिभुज ABC में, जिसका कोण 'B' समकोण है, AB = 18 सेमी है। BD, AC पर इस प्रकार लंबवत है कि AC = 2BD है। यदि  $\angle BAC = \angle BCA$  है, तो (AC) का संख्यात्मक मान ज्ञात कीजिए।  $(AC^2 - BD^2)$  का संख्यात्मक मान ज्ञात कीजिए।

509

509

412

412

356

356

486

486

Not Answered

[Click Here to Challenge Question No.: 65](#)

Q.No: 65 The point equidistant from all triangle sides is called:

त्रिभुज की सभी भुजाओं से समान दूरी पर स्थित बिंदु को क्या कहते हैं?

Centroid

केन्द्रक

Circumcenter

परिकेन्द्र

Incenter

अंतःकेन्द्र

Orthocenter

लंबकेन्द्र

[Click Here to Challenge Question No.: 66](#)

Q.No: 66	The volume of a right circular cone is 80% of that of a right circular cylinder whose height is 50% more than that of the cone. If the radius of the cone is 36 cm, then find the radius of the cylinder. एक लम्बवृत्तीय शंकु का आयतन एक लम्बवृत्तीय बेलन के आयतन का 80% है, जिसकी ऊँचाई शंकु की ऊँचाई से 50% अधिक है। यदि शंकु की त्रिज्या 36 सेमी है, तो बेलन की त्रिज्या ज्ञात कीजिए।
	2√5 cm 2√5 सेमी
	6√10 cm 6√10 सेमी
	5√12 cm 5√12 सेमी
	3√7 cm 3√7 सेमी

[Click Here to Challenge Question No.: 67](#)

Q.No: 67	If two circles of radii $r_1$ and $r_2$ have $n$ common tangents, and the distance between their centers is less than $ r_1 - r_2 $ , then $n$ is: यदि त्रिज्या $r_1$ और $r_2$ वाले दो वृत्तों की $n$ उभयनिष्ठ स्पर्श रेखाएँ हों, और उनके केंद्रों के बीच की दूरी $ r_1 - r_2 $ से कम हो, तो $n$ का मान कितना है?
	0 0
	1 1
	2 2
	4 4

[Click Here to Challenge Question No.: 68](#)

Q.No: 68	Simplify the expression : $\frac{\tan x}{\sec x}$ . अभिव्यक्ति को सरल कीजिए : $\frac{\tan x}{\sec x}$ .
	$\cos x$ $\cos x$
	$\operatorname{cosec} x$ $\operatorname{cosec} x$
	1 1
	$\sin x$ $\sin x$

[Click Here to Challenge Question No.: 69](#)

Q.No: 69	A and B invest in a business in the ratio 3:1. If 5% of the total profit goes to charity and A's share is Rs. 855, what is the total profit? A और B एक व्यवसाय में 3:1 के अनुपात में निवेश करते हैं। यदि कुल लाभ का 5% दान में जाता है और A का हिस्सा 855 रुपये है, तो कुल लाभ कितना है?
	Rs. 1425 ₹ 1425
	Rs. 1200 ₹ 1200
	Rs. 1537 ₹ 1537
	Rs. 1600 ₹ 1600

[Click Here to Challenge Question No.: 70](#)

Q.No: 70	A shopkeeper offers two successive discounts of 10% and 20% on a Rs. 1,200 article. What is the final price after the two discounts? एक दुकानदार 1,200 रुपये की वस्तु पर 10% और 20% की दो क्रमागत छूट देता है। दोनों छूटों के बाद अंतिम कीमत क्या है?
	₹892 ₹892
	₹816 ₹816
	₹864 ₹864
	₹965 ₹965

[Click Here to Challenge Question No.: 71](#)

Q.No: 71	The price of a movie ticket for adults and children is in the ratio 5 : 3. If an adult ticket costs 250, what is the price of a child ticket? वयस्कों और बच्चों के लिए सिनेमा टिकट की कीमत 5:3 के अनुपात में है। यदि एक वयस्क टिकट की कीमत 250 है, तो एक बच्चे के टिकट की कीमत कितनी है?
	100 100
	120 120
	150 150
	200 200

[Click Here to Challenge Question No.: 72](#)

Q.No: 72 A batsman scored 45, 60, 55, and 40 runs in four matches. In the 5th match, he wants his average to reach exactly 55 runs. How many runs must he score in the 5th match?

एक बल्लेबाज ने चार मैचों में 45, 60, 55 और 40 रन बनाए। 5th मैच में वह चाहते हैं कि उनका औसत 55 रन तक पहुंच जाए। 5th मैच में उसे कितने रन बनाने हैं?

60

60

65

65

70

70

75

75

[Click Here to Challenge Question No.: 73](#)

Q.No: 73 A common internal tangent is drawn to two circles with radii 4 and 9 units. If the length of the tangent segment is 12 units, what is the distance between the centers of the two circles?

4 और 9 इकाई त्रिज्या वाले दो वृत्तों पर एक उभयनिष्ठ आंतरिक स्पर्श रेखा खींची गई है। यदि स्पर्श रेखाखंड की लंबाई 12 इकाई है, तो दोनों वृत्तों के केंद्रों के बीच की दूरी क्या है?

313 units

313 इकाई

156 units

156 इकाई

$\sqrt{213}$  units

$\sqrt{213}$  इकाई

$\sqrt{313}$  units

$\sqrt{313}$  इकाई

[Click Here to Challenge Question No.: 74](#)

Q.No: 74 If  $\sin(x) = \frac{3}{5}$ , find  $\cos(x)$ .

यदि  $\sin(x) = \frac{3}{5}$ , तो ज्ञात कीजिए  $\cos(x)$ .

4

$\frac{4}{5}$

4

$\frac{4}{5}$

$\frac{3}{5}$   
 $\frac{3}{5}$

$\frac{5}{9}$   
 $\frac{5}{9}$

$\frac{7}{8}$   
 $\frac{7}{8}$

[Click Here to Challenge Question No.: 75](#)

Q.No: 75 If  $\tan\theta = \frac{4}{3}$ , find  $\cos^2\theta - \sin^2\theta$ .

यदि  $\tan\theta = \frac{4}{3}$ , तो  $\cos^2\theta - \sin^2\theta$  ज्ञात कीजिए

$-\frac{8}{27}$   
 $-\frac{8}{27}$

$-\frac{9}{25}$   
 $-\frac{9}{25}$

$-\frac{9}{16}$   
 $-\frac{9}{16}$

$-\frac{7}{25}$   
 $-\frac{7}{25}$