



# Home Assignment

## for SSC & Railways Aspirants



Prep Smart. Score Better. Go [gradeup](https://www.gradeup.co)

[www.gradeup.co](https://www.gradeup.co)

1. A boy bought two bicycles at Rs. 2000 each. He sold one at 10% loss and another at 20% profit. What is his overall profit?

- A. Rs. 150                      B. Rs. 200  
C. Rs. 375                      D. Rs. 400

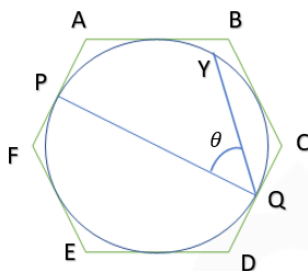
2. Find length of the arc whose central angle is  $90^\circ$  and radius of the circle is 3.5 cm?

- A. 11 cm                      B. 5.5cm  
C. 16.5 cm                      D. 22 cm

3. The difference between CI and SI for 3 years @20% p.a. is Rs. 152. What is the principal lent in each case?

- A. 1200                      B. 1155  
C. 1187.5                      D. 1167

4. ABCDEF is a regular hexagon of side a. P and Q are mid points of AF and CD respectively. Y is any point in incircle such that  $QY = \frac{3}{2}a$ . Find the value of  $\theta$ ?



- A.  $60^\circ$                       B.  $45^\circ$   
C.  $30^\circ$                       D.  $50^\circ$

5.  $56457^{8765!} + 65432^{5487!} + 23451^{8765!} + 54323^{9634!}$  find the unit digit.

- A. 4                      B. 9  
C. 2                      D. 3

6. If the sum of three numbers is 92. If the ratio of 1<sup>st</sup> and 2<sup>nd</sup> number is 3 : 4 and the ratio of 1<sup>nd</sup> and 3<sup>rd</sup> number is 2 : 3. Find the second number

- A. 16  
B. 32  
C. 27  
D. 24

7. The greatest number among  $2^{60}$ ,  $4^{40}$ ,  $5^{20}$ ,  $6^{10}$  is

- A.  $2^{60}$                       B.  $4^{40}$   
C.  $5^{20}$                       D.  $6^{10}$

8. A least number of five digits when divided by 3, 6, 8 and 12 leaves the remainder as 2 in each case. Find the number:

- A. 10008                      B. 10010  
C. 10002                      D. 10012

9. Who of the following has won the IBSF World Billiards Championship 2019 held in Mandalay, Myanmar?

- A. Nay Thway Oo  
B. Aditya Mehta  
C. Pankaj Advani  
D. Mike Russell  
E. Sourav Kothari

10. Who of the following has won the men's singles title at Vietnam Open BWF Tour Super 100 badminton tournament at the Ho Chi Minh City?

- A. Kaushal Dharmamer  
B. **Sourabh Verma**  
C. Srikanth Kidambi  
D. Sai Praneeth B.  
E. Sameer Verma

11. What is the theme of the World Ozone Day 2019?

- A. Keep Cool and Carry On  
B. '32 years and Healing'  
C. Ozone and climate: Restored by a world united  
D. Ozone Layer Protection: The Mission Goes On  
E. None of these

12. President Ram Nath Kovind has inaugurated a bronze bust of Mahatma Gandhi in which of the following countries?

- A. Switzerland  
B. Iceland  
C. Slovenia  
D. Slovakia  
E. Hungary

13. South Asia's tallest tower called 'Lotus Tower' has been unveiled in which of the following countries?

- A. Pakistan
- B. Maldives
- C. Sri Lanka
- D. Myanmar
- E. India

14. **Direction:** Read the passage carefully and choose the best answer to each question out of the four alternatives.

Many years ago, I was the chief guest at a function. This was held in a hostel for poor students that had been built by a philanthropist. Food and shelter were free, but students had to bear other expenses like tuition and clothing. In my younger days, I had come across many families who would look after students who were economically backward but otherwise bright. They used to help them with their fees or clothing and often with their food as well. In those days, most colleges were located in larger towns. Many poor students who came to study in these towns used to stay with these families and would be treated as part of the family. The woman of the house considered this a good deed and helped the poor students wholeheartedly. Today, the situation is different. Even smaller towns have schools and colleges, so this custom has disappeared. While I was sitting on the dais, I remembered the past and congratulated the person who had built the hostel. It was a good deed and of great help to many students. The hostel secretary told me about some of the students in the hostel who had secured ranks but had a problem paying their tuition fees. He said, "Madam, this year we have three students from different disciplines who have secured ranks. All of them are from extremely poor families. They have one more year to complete their degrees," What are they studying?" "One is in medicine, the second in engineering and the third in commerce." "Can I meet them after the function?"

The function went on as usual. Often, at such functions too much praise is lavished on the chief guest. Sometimes, they even make exaggerated and false claims about the chief guest. I feel this unnecessary praising is the highest form of corruption where people are easily fooled and it encourages those who are praised to develop an inflated opinion of themselves. That's why, in the twelfth century, in Karnataka, the great revolutionary leader Basaveshwara warned in his teaching that praise is like a golden gallows.

After the function, I met the three poor bright boys whom the secretary had told me about. They were a little puzzled, shy and nervous. All of them had the same story: father in a small job unable to make ends meet, a large family back in the village, no land or any other asset. Only sheer determination to excel in studies had brought them here against all odds. |||End|||

In early times, how did the poor students manage their expenses in towns if college education was not available to them in their villages? A. They used to get regular help from the philanthropist  
B. Their fees and clothing expenses were borne by the colleges  
C. Many families used to provide them facilities on payment  
D. They got help for their fees, clothing, food, etc from families in those towns

15. Which of the following is/are not true about the hostel?

- I. Lodging and boarding arrangements were available to poor students without any payment.
  - II. The hostel was built by the philanthropist who was also the chief guest at the function.
  - III. Tuition and clothing were free of cost for the poor students.
- A. I and II
  - B. I and III
  - C. II and III
  - D. All of these

16. Why did the chief guest want to meet the three students?

- I. To please the secretary
- II. To observe a ritual
- III. To impress the secretary
- A. I and II
- B. II and III
- C. I and III
- D. None of these

17. Why has the practice of staying with families in towns by the students who come from villages disappeared?

- A. Families have found that education has become very expensive
- B. Higher education is available to students even in smaller towns
- C. There is no need for students to go in for higher education these days
- D. The situation is altogether different as the educational structure has changed

18. Why did the hostel secretary mention the three students to the chief guest?

- A. He was not sure of getting the desired help from the chief guest
- B. He had a lot of respect for the chief guest
- C. The three students were close relatives of the secretary
- D. The secretary believed that the chief guest would help the students.

19. What does the author dislike about functions?

- A. The false or exaggerated praise showered on the chief guest
- B. Selection of corrupt persons as chief guests
- C. The awkward situation created by the audience
- D. The shyness and nervousness of the audience

20. Which of the following was not a common factor among the three students?

- A. Subjects of study
- B. Family background
- C. Lack of resources
- D. Intelligence

21. The three students had come to attend college because of their

- A. family insistence
- B. poor financial background
- C. faith in philanthropists
- D. strong willpower

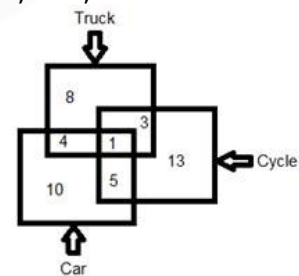
22. Which of the following is/are the reason/s praise is considered as 'golden gallows'?

- I. It provides the audience with false information distracting them from the chief guest's speech.
- II. It creates wrong notions about themselves in the minds of those being praised.
- III. It helps people to easily fool the persons being praised.
- A. Only I
- B. I and II
- C. II and III
- D. None of these

23. In the passage what does the word 'bear' mean?

- A. Send
- B. Ensure
- C. Pay
- D. Receive

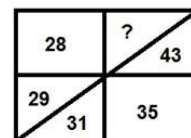
24. In the following Venn Diagram, shows information about the person who uses Cycle, Car, Truck.



How many people who use the only cycle?

- A. 13
- B. 10
- C. 8
- D. 16

25. In the following question, select the missing number from the given alternatives.



- A. 61
- B. 60
- C. 59
- D. 57

# SSC CGL 2019

## Online Test Series

1. Based on the Latest Exam Pattern
2. Available in Hindi & English
3. All India Rank & Performance Analysis
4. Detailed Explanation of Solutions
5. Available on Mobile & Desktop

