



Tata Steel Ltd Placement Paper

1. When a no. is multiplied by 13 product consist of all 5's. The smallest such no. is

- a. 41625
- b. 42135
- c. 42515
- d. 42735
- e. None of these

2. Which of the following countries adopted its new constitution recently ?

- a. Russia
- b. Equadore
- c. South Korea
- d. North Korea
- e. None of these

3. If n is $-ve$ no. then which of the following is least.

- a. 0
- b. $-n$
- c. $2n$
- d. n^2
- e. None of these

4. If $-1 \leq x \leq 2$ and $1 \leq y \leq 3$ then least value of $2y-3x$ is :

- a. 0
- b. -3
- c. -4
- d. -5



e. None of these

5. Which of the following States introduced a high tech foodgrain rationing system to ensure timely supply of the foodgrains to people living below poverty line ?

a. Maharashtra

b. Tamil Nadu

c. Delhi

d. West Bengal

e. Karnataka

6. Total no. of even prime no.'s is :

a. 0

b. 1

c. 2

d. None

e. None of these

7. How many No's B/w 400 and 600 begin with or end with digit 5.

a. 40

b. 100

c. 110

d. 120

e. None of these

8. Stephen Harper whose name was in news recently is the

a. President of Canada

b. Prime Minister of Canada

c. President of Italy



- d. Prime Minister of Switzerland
- e. Foreign Minister of U.S.A.
9. A 2 digit number is formed by either subtracting 16 from 8 times the sum of the digits or by adding 20 to 22 times the difference between difference of digits.find the number?
10. It takes 16 days for 24 men to plough 15 acres of land,the how many days would be required for 32 men to plough 30 acres of land?
11. A Work can be done by 8 men and 10 women in 25 days, the same work can be done by 10 children and 5 women . In how many days 2 children and 3 men can do the same work?
12. One man or two women or three boys can do a work in 44 days then one man, one women and one boy together can finish the same work in -days?
13. 4 years from now ,prakash's age will be 4 times his son's age.12 years from now,he will be 2.5 times his son's age.find their present ages?
14. In how many ways can a lock be opened if that lock has three digit number lock if
- the last digit is 9
 - and sum of the first two digits is less than or equal to the last digit.
15. If the numerator and denomenator of a certain fraction are increased by 2,the fraction becomes $\frac{3}{5}$.If numerator and denomenator are increased by 1,it becomes $\frac{1}{2}$.find the fraction?
16. There are 76 persons. 53 can read hindu,46 can read times,39 can read deccan and 15 can read all.If 22 can read hindu and deccan and 23 can read deccan and times then what is the number of persons who read only times and hindu ?
17. In pure milk if 20% replaced by water and in this again 20% is replaced by water and again 20% is replaced by water then what is the proportion of milk in that mixture?



18. After 10 years A will be twice the age of B before 10 years. and now if the difference is 9 years between them then what is the age of B after 10 years?

19. What is the sum of all the four digit numbers formed using the digits 0, 1, 2 and 3. None of the two digits should be repeated.

20. a right angled triangle, the square of the hypotenuse is twice the product of the other two sides. Then one of the acute angles of the triangle is... a) 45° b) 30° c) 60° d) 150

21. There are two square rooms. Both are of same height. The second room is 5m longer than the first room. The rate for papering the walls is 10 paise per square meter. The total cost for papering the rooms is Rs 60 and Rs 80. What is the height of the rooms.

22. There are two numbers in the ratio 8:9. if the smaller of the two numbers is increased by 12 and the larger number is reduced by 19 then the ratio of the two numbers is 5:9.

Find the larger number.

23. In class of 10 students, the teacher writes a number on the board. The first student tells that the number is divisible by 1, the second student tells that the number is divisible by 2, the third by 3, the fourth by 4 and so on till 10. If the statement of one of the students is wrong then what is the least number possible.

24. The first and the last sentences of a set of sentences are given. The middle four sentences are in jumbled form we have to select the order in which the sentences are to be placed so that they convey a meaningful message.

25. A passage with two paragraphs is given. Then two questions are asked based on it. Could not remember it.



26. A stamp collector arranges his stamps during his free time. When he arranges his stamps in pairs, there is one stamp left. It is the same when he arranges the stamps in groups of 3, 4, 5 and 6. Now, how many stamps will he be left with when he arranges them in groups of 8.

27. A certain number of men can finish a piece of work in 10 days. If however there were 10 men less it will take 10 days more for the work to be finished. How many men were there originally?

(A) 110 men

(B) 130 men

(C) 100 men

(D) none of these

28. In simple interest what sum amounts of Rs.1120/- in 4 years and Rs.1200/- in 5 years ?

(A) Rs. 500

(B) Rs. 600

(C) Rs. 800

(D) Rs. 900