# Talent Transformation (2019)



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|---|---|
| **Started on** | Wednesday, 15 August 2018, 1:48 AM |
| **State** | Finished |
| **Completed on** | Wednesday, 15 August 2018, 2:23 AM |
| **Time taken** | 35 mins 3 secs |
| **Marks** | 4.33/20.00 |
| **Grade** | **2.17** out of 10.00 (**22**%) |

**Question 1**

Correct

Mark 1.00 out of 1.00

Flag question

Kingfisher bought on airbus in the year 2002. Kingfisher sold that airbus on 31st December 2004 to buy another airbus. During this period the total distance travelled by the airbus tyres (while taking off and landing) is 2000 km. Kingfisher used 20 tyres equally in sustaining this distance travelled. How many km. did each tyre sustain (if one airbus has 4 tyres)?

Select one:

- a. 1000 km
- b. 100 km
- c. 800 km
- d. 400 km ✓

The correct answer is: 400 km

**Question 2**

Correct

Mark 1.00 out of 1.00

Flag question

Victor takes an escalator in the metro station. When he runs 10 steps on the escalators, it takes him 40 seconds to reach the top; whereas when the runs 20 steps, it takes him 25 seconds. What is the total number of steps in the escalator?

Select one:

- a. 36 ✓
- b. 38
- c. 40
- d. 32

The correct answer is: 36

**Question 3**

Correct

Mark 1.00 out of 1.00

Flag question

Vinay dropped a ball from his terrace whose height is 50 meters if the height of the ball reduces to half after every contact with the ground. What is the total distance travelled by the ball?

Select one:

- a. 100
- b. 75
- c. 150 ✓
- d. 200

The correct answer is: 150

**Question 4**

Correct

Mark 1.00 out of 1.00

Flag question

How many numbers greater than a lakh can be formed with the numbers 0, 1, 2, 3, 2,4

Select one:

- a. 5x5!
- b. 300 ✓
- c. 3x5!
- d. 120

The correct answer is: 300

**Question 5**

Not answered

Marked out of 1.00

Flag question

The Municipal Corporation's water pipeline being very old, has seepage problem which is obviously more in summer. In winter, when the seepage each day is 4% of the day's supply a tank, full of water, lasts for 16 days. In summer when the seepage each day is 10% of the day's supply, for how many days does a tankful of water lasts?

Select one:

- a. 6.4 days
- b. 20 days
- c. 15 days
- d. 12 days

The correct answer is: 15 days

**Question 6**

Incorrect

Mark -0.33 out of 1.00

Flag question

Two men were travelling during a vacation. One man said, “Day before yesterday I was 19 and next year, I will be 22”. Now answer the following : The man’s birthday was on :

Select one:

- a. $31^{st}$ December
- b. $30^{th}$ December ✗
- c. $1^{st}$ January
- d. $29^{th}$ December

The correct answer is: $31^{st}$ December

**Question 7**

Correct

Mark 1.00 out of 1.00

Flag question

In this question, $A^B$ means A raised to the power B.Let f(x)=1+X+$X^2$+...$X^6$.The remainder when f($X^7$) is divided by f(X) is:

Select one:

- a. None of the other choices
- b. 6
- c. 7
- d. 0 ✓

The correct answer is: 0

**Question 8**

Not answered

Marked out of 1.00

Flag question

641+852+913=2456.what is the largest digit that can be changed to make the decision correct?

Select one:

- a. 6
- b. 4
- c. 8
- d. 1

The correct answer is: 4

**Question 9**

Not answered

Marked out of 1.00

Flag question

in how many ways can the number 2310 be expressed as a product of 3 factors.

Select one:

- a. 41
- b. 81
- c. 54
- d. 39

The correct answer is: 41

**Question 10**

Not answered

Marked out of 1.00

Flag question

Three distinct single digit no A,B and c are in G.M ,if abs(x) for real x is the absolute value of x(x , if x is positive or zero,and -x if x is negative), then the number of different possible values of abs (A+B -C) is;

Select one:

- a. 6
- b. 5
- c. 4
- d. 3

The correct answer is: 4

**Question 11**

Not answered

Marked out of 1.00

Flag question

assume that the rate of consumption of coal by a locomotive engine varies as the square of speed and is 1000 kg per hour when the speed is 60 km per hour, when in motion. if coal costs the railway company Rs 15 per 100 kg and if the other expenses of running the train is Rs 12 per hour. find the formula for the cost in paise per km when the speed is S km per hour:

Select one:

- a. $(\frac{1200}{S}) + (25\frac{S^2}{6})$
- b. $(\frac{1200}{S}) + (5\frac{S^2}{18})$
- c. $(\frac{1200}{S}) + (25\frac{S}{6})$
- d. none of these

The correct answer is: $(\frac{1200}{S}) + (25\frac{S}{6})$

**Question 12**

Incorrect

Mark -0.33 out of 1.00

Flag question

two consecutive numbers are removed from the progression 1,2,3...n. The A>M of the remaining numbers is 26 $\frac{1}{4}$.the value of n is:

Select one:

- a. 81
- b. cannot be determined ✗
- c. 60
- d. 50

The correct answer is: 50

**Question 13**

Not answered

Marked out of 1.00

Flag question

In how many can 7 different objects be divided among 3 persons so that either one or two of them do not get any object?

Select one:

- a. 241
- b. 391
- c. 381
- d. 421

The correct answer is: 381

**Question 14**

Not answered

Marked out of 1.00

Flag question

Find the remainder when the number 1234567...4481 is divided by 45.

Select one:

- a. 31
- b. 43
- c. 44
- d. 36

The correct answer is: 36

**Question 15**

Not answered

Marked out of 1.00

Flag question

Eric throws 2 dice,and his score is the sum of the values shown.Sandra throws one dice and her score is the square of the value shown. what is the probabilty that Sandras score will be strictly higher than Erics score??

Select one:

a. $\frac{137}{216}$

b. $\frac{35}{57}$

c. $\frac{7}{19}$

d. $\frac{7}{35}$

The correct answer is: $\frac{137}{216}$

**Question 16**

Not answered

Marked out of 1.00

Flag question

what is summation of [$3^k$(28Ck)] (summation range 28 to k=0) where 28Ck is the number of ways of choosing k items from 28 items??

Select one:

a. $2^{56}$

b. 2096

c. 256

d. 1024

The correct answer is: $2^{56}$

**Question 17**

Not answered

Marked out of 1.00

Flag question

(68-a)(68-b)(68-c)(68-d)(68-e)=725.wat is the value of a+b+c+d+e?

Select one:

a. 423

b. 675

c. 311

d. 321

The correct answer is: 311

**Question 18**

Not answered

Marked out of 1.00

Flag question

f(0)=96,f(1) =1, f(2)= 4, f(3)=9, f(4) =16 then find the value of f(5)=?

Select one:

a. 65

b. 121

c. 111

d. 56

The correct answer is: 121

**Question 19**

Not answered

Marked out of 1.00

Flag question

55 word in the arrangement of letter PERFECT?

Select one:

- a. CERFETP
- b. CEPFERT
- c. CEPEFRT
- d. CERFECT

The correct answer is: CEPFERT

**Question 20**

Not answered

Marked out of 1.00

Flag question

20 people with two sisters among them want to sit around a round table such that the two sisters are exactly separated by one person sitting in between them. Find the probability.

Select one:

- a. $\frac{6}{7}$
- b. $\frac{8}{17}$
- c. $\frac{2}{19}$
- d. $\frac{2}{3}$

The correct answer is: $\frac{2}{19}$

Finish review

**QUIZ NAVIGATION**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

Show one page at a time

Finish review