



# Talent Transformation (2019)

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**Started on** Wednesday, 15 August 2018, 11:39 PM

**State** Finished

**Completed on** Thursday, 16 August 2018, 12:16 AM

**Time taken** 37 mins 3 secs

**Marks** 5.67/20.00

**Grade** 2.83 out of 10.00 (28%)

## Question 1

Correct

Mark 1.00 out of 1.00

Flag question

For the year 1998, the sum of digits is  $1+9+9+8=27$ . The next time the sum of digits is 27 happens between the years

Select one:

- ☐ a. 2500 and 2700
- ☒ b. 2701 and 2900 ✓
- ☐ c. 2901 and 3100
- ☐ d. 3101 and 9900

The correct answer is: 2701 and 2900

## Question 2

Correct

Mark 1.00 out of 1.00

Flag question

A beat B by 15 meters and C by 19 meters in 200 m race. then in the race of 3700 meters B will defeat C by how much distance ??

Select one:


- ☐ a. 74
- ☐ b. 38
- ☒ c. 80 ✓
- ☐ d. 45

The correct answer is: 80

**Question 3**

Correct

Mark 1.00 out of 1.00

 Flag question

SET - 4 (Aptitude) - ( 1/3 mark is deducted for every wrong answer)

Roy is now 4 years older than Erik and 2 years older than Iris. If in 2 years, Roy will be twice as old as Erik, then in 2 years what would be Roy's age multiplied by Iris's age?

Select one:


- ☐ a. 50
- ☒ b. 48 ✓
- ☐ c. 52
- ☐ d. 28

The correct answer is: 48

**Question 4**

Not answered

Marked out of 1.00

 Flag question

A factory employs skilled , unskilled workers and clerks in the ratio 8:5:1 and the wages of them are in the ratio of 5:2:3. when 20 unskilled workers are employed the total wages amount to 318 what is the daily wages paid to each type of worker

Select one:


- ☐ a. 6
- ☐ b. 4
- ☐ c. 5
- ☐ d. 3

The correct answer is: 3

**Question 5**

Incorrect

Mark -0.33 out of 1.00

 Flag question

Two vertical poles 2 meters and 8 meters high stand apart on a horizontal plane. The height in meters of the point of intersection of the lines joining the top of each pole to the bottom of the pole is.

Select one:


- ☒ a. cannot be determined. ✗
- ☐ b. 1.8
- ☐ c. 1.6
- ☐ d. 5.6

The correct answer is: 1.8

**Question 6**

Correct

Mark 1.00 out of 1.00

 Flag question

SET - 4 (Aptitude) - ( 1/3 mark is deducted for every wrong answer)

A man goes upstream for a distance of 10 kms in 5 hours. Another man goes downstream for the same distance of 10kms in 3 houes. what is the difference of the speeds of the two men if the river speed is 0.5 Kms. (Round the answer to two decimals).)

Select one:


- ☐ a. 2.3
- ☐ b. 2.45
- ☒ c. 1.33 ✓
- ☐ d. 1.56

The correct answer is: 1.33

**Question 7**

Incorrect

Mark -0.33 out of 1.00

 Flag question

A man was born on the first day of the 35th year before christ and died on the first day of the 35th year afterchrist.How many years did live?

Select one:


- ☐ a. 34 YEARS
- ☐ b. 70 YEARS
- ☒ c. 71 YEARS ✗
- ☐ d. 69 YEARS

The correct answer is: 69 YEARS

**Question 8**

Not answered

Marked out of 1.00

 Flag question

A owes B, Rs. 1120 payable 2 years hence and B owes A, Rs. 1081.50 payable 6 months hence. If they decide to settle their accounts forthwith by payment of ready money and the rate of interest be 6% per annum, then who should pay and how much.

Select one:


- ☐ a. NONE
- ☐ b. B WILL GIVE A 100
- ☐ c. B WILL GIVE A 50
- ☐ d. A WILL GIVE B 50

The correct answer is: B WILL GIVE A 50

**Question 9**

Not answered

Marked out of 1.00

 Flag question

There is a circle with 2 triangles inscribed in it in opposite directions making a star. The triangle is equilateral of side 12. You have to tell the area of the remaining portion of the circle ?

Select one:


- ☐ a. none
- ☐ b.  $48\sqrt{3}$
- ☐ c.  $\sqrt{3} - \pi$
- ☐ d.  $48(\pi - \sqrt{3})$

The correct answer is:  $48(\pi - \sqrt{3})$

**Question 10**

Not answered

Marked out of 1.00

 Flag question

$\frac{(72)^{21}}{25}$ , What will be the remainder?

Select one:


- ☐ a. 22
- ☐ b. 24
- ☐ c. 23
- ☐ d. 25

The correct answer is: 22

**Question 11**

Correct

Mark 1.00 out of 1.00

 Flag question

A rectangular box has six surfaces. The area of its front is 54 square inches; the area of its side is 72 square inches; and the area of its top is 108 square inches. What is the volume of the box?

Select one:

- ☐ a. 645
- ☐ b. 601
- ☐ c. 600
- ☒ d. 648 ✓


The correct answer is: 648

**Question 12**

Not answered

The price of a commodity(in rupees per kilogram) is  $100 + 0.1n$ , on the  $n$ th day of 2007 ( $n = 1, 2, \dots, 100$ ), and then remains constant. On the other hand, the price of

Marked out of 1.00

 Flag question

another commodity (in rupees per kilogram) is  $89 + 0.15n$ , on the  $n$ th day of 2007 ( $n=1,2, \dots, 365$ ). On which date in 2007, will the price of these two commodities be equal?

Select one:


- ☐ a. April 10
- ☐ b. May 20
- ☐ c. May 21
- ☐ d. April 11

The correct answer is: May 20

### Question 13


Incorrect

Mark -0.33 out of 1.00

 Flag question

Two consecutive numbers are removed from progression  $1,2,3,4,\dots,n$ . The arithmetic mean of remaining numbers is  $26\frac{1}{4}$ . The value of  $n$  is

Select one:


- ☐ a. 50
- ☐ b. 51
- ☒ c. 63 
- ☐ d. 56

The correct answer is: 50

### Question 14


Correct

Mark 1.00 out of 1.00

 Flag question

Find the number of zeroes in the expression  $15*32*25*22*40*75*98*112*125$ .

Select one:

- ☐ a. 6
- ☐ b. 17
- ☐ c. 11
- ☒ d. 9 

The correct answer is: 9


### Question 15

Incorrect

Mark -0.33 out of 1.00

1, 7, 8, 49, 56, 57, 343, ...

Select one:

- ☒ a. 353 

Flag question

- ☐ b. 392
- ☐ c. 363
- ☐ d. 361

The correct answer is: 392

### Question 16

Not answered

Marked out of 1.00

Flag question

Consider the sequence 1,-2, 3,-4, 5,-6, ..... , what is the average of the first 2000 terms of the sequence?

Select one:

- ☐ a. -1
- ☐ b. -2
- ☐ c. 0
- ☐ d. 1

The correct answer is: 0

### Question 17

Correct

Mark 1.00 out of 1.00

Flag question

PLACES ,48th word

Select one:

- ☐ a. ASEPLC
- ☒ b. AESPLC ✓
- ☐ c. AEPSLC
- ☐ d. AESLPC

The correct answer is: AESPLC

### Question 18

Not answered

Marked out of 1.00

Flag question

In the series, only one number is wrong. Find out the wrong number. 518, 1030, 1130, 2858, 3054, 7160, 7474

Select one:


- ☐ a. 518
- ☐ b. 3054
- ☐ c. 1130
- ☐ d. 7160

The correct answer is: 3054

**Question 19**

Not answered

Marked out of 1.00

 Flag question

how many ways does 10 pencils given to four children such that each get atleast 1?

Select one:


- ☐ a. 72
- ☐ b. 90
- ☐ c. 96
- ☐ d. 84

The correct answer is: 84

**Question 20**

Not answered

Marked out of 1.00

 Flag question

$2^{74} + 2^{2058} + 2^{2n}$ . what is the value of n make it perfect square

Select one:

- ☐ a. 2030
- ☐ b. 2020
- ☐ c. 2028
- ☐ d. 1010

The correct answer is: 2020

Finish review

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Finish review