



# Talent Transformation (2019)

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**Started on** Wednesday, 15 August 2018, 1:13 PM

**State** Finished

**Completed on** Wednesday, 15 August 2018, 1:48 PM

**Time taken** 35 mins

**Marks** 10.00/20.00

**Grade** 5.00 out of 10.00 (50%)

## Question 1

Correct

Mark 1.00 out of 1.00

Flag question

The cost price of a cow and a horse is 3 lakhs. The cow is sold at 20% profit and horse at 10% loss. Overall gain is Rs.4200. What is the cost price of the cow?

Select one:

- ☐ a. 112000
- ☐ b. 113000
- ☒ c. 114000 ✓
- ☐ d. 231000

The correct answer is: 114000

## Question 2

Correct

Mark 1.00 out of 1.00

Flag question

a semicircle is drawn with AB as its diameter. from C a point on AB, a line perpendicular to AB is drawn, meeting the circumference of the semicircle at D. Given that AC=2 and CD=6, the area of the semicircle is?

Select one:


- ☐ a. 23PI
- ☒ b. 50 PI ✓
- ☐ c. 25PI
- ☐ d. 54PI

The correct answer is: 50 PI

**Question 3**

Not answered

Marked out of 1.00

 Flag question

J is faster than P. J and P each walk 24 km. Sum of the speeds of J and P is 7 kmph. Sum of time taken by them is 14 hours. Then J speed is equal to

Select one:


- ☐ a. 8 kmh
- ☐ b. 12kmh
- ☐ c. 24kmh
- ☐ d. 36kmh

The correct answer is: 8 kmh

**Question 4**

Correct

Mark 1.00 out of 1.00

 Flag question

A and B start from house at 10am. They travel on the MG road at 20kmph and 40 kmph. there is a Junction T on their path. A turns left at T junction at 12:00 noon, B reaches T earlier, and turns right. Both of them continue to travel till 2pm. What is the distance between A and B at 2 pm.

Select one:


- ☐ a. 220
- ☒ b. 160 ✓
- ☐ c. 132
- ☐ d. 145

The correct answer is: 160

**Question 5**

Incorrect

Mark -0.33 out of 1.00

 Flag question

Given that x, y, z, p, q, r are all positive quantities, also xp, yq, zr are distinct. If x, y and z are in

Select one:


- ☐ a. none
- ☐ b. p:q:r
- ☒ c.  $\frac{1}{r} : \frac{1}{p} : \frac{1}{q}$  ✗
- ☐ d.  $\frac{1}{r} : \frac{1}{q} : \frac{1}{p}$
- ☐ e. P; p, q and r are in H.P. and xp, yq, zr are in G.P.; then calculate the value of x : y : z.  
{

The correct answer is:  $\frac{1}{r} : \frac{1}{q} : \frac{1}{p}$

**Question 6**

Correct

Mark 1.00 out of 1.00

 Flag question

A and B are running around a circular track of length 120 meters with speeds 12 m/s and 6 m/s in the same direction. When will they meet for the first time?

Select one:


- ☐ a. 30 sec
- ☐ b. 45 sec
- ☒ c. 20 sec ✓
- ☐ d. 24 sec

The correct answer is: 20 sec

**Question 7**

Correct

Mark 1.00 out of 1.00

 Flag question

A, E, F, and G ran a race. A said "I did not finish 1st /4th E said "I did not finish 4th" F said "I finished 1st" G said "I finished 4th" If there were no ties and exactly 3 children told the truth, when who finishes 4th?

Select one:


- ☒ a. G ✓
- ☐ b. A
- ☐ c. E
- ☐ d. F

The correct answer is: G

**Question 8**

Not answered

Marked out of 1.00

 Flag question

A basket contains 6 red balls, 5 blue balls, 4 green balls and 3 white balls. Five balls are to be drawn together at random, then what is the probability that there is at least a ball of each colour?

Select one:


- ☐ a.  $\frac{10}{51}$
- ☐ b.  $\frac{10}{17}$
- ☐ c.  $\frac{5}{17}$
- ☐ d.  $\frac{5}{51}$

The correct answer is:  $\frac{5}{17}$

**Question 9**

Incorrect

Mark -0.33 out of 1.00

 Flag question

A drawer has 4 red hat & 4 blue hat .find d prblty f getting xatly 3 blue hats when taking out 4 hats randomly out f d drawer and immediatly returning every hat to the drawer before taking out the next???


Select one:

- ☐ a.  $\frac{1}{2}$
- ☐ b.  $\frac{1}{6}$
- ☐ c.  $\frac{1}{4}$
- ☒ d.  $\frac{1}{8}$  ✖

The correct answer is:  $\frac{1}{4}$ **Question 10**

Incorrect

Mark -0.33 out of 1.00

 Flag question

A rectangular field is 300 feet wide and 400 feet long. Random sampling indicates that there are, on the average, three ants per square inch throughout the field. [ 12 inches = 1 foot. ]Of the following, the number that most closely approximates the number of ants in the filed is: [DCRU]

Select one:


- ☐ a. 500 Million
- ☒ b. 5 Million ✖
- ☐ c. 50 Million
- ☐ d. 500000

The correct answer is: 50 Million

**Question 11**

Not answered

Marked out of 1.00

 Flag question

What is the remainder when 121212.....(300) digits is divided by 99.

Select one:

- ☐ a. 72
- ☐ b. 0
- ☐ c. 18
- ☐ d. 36

The correct answer is: 18

**Question 12**

sum of the digits in the product  $16^{100} * 125^{135}$

Correct

Mark 1.00 out of 1.00

Flag question

Select one:

- ☐ a. 1
- ☐ b. 23
- ☐ c. 19
- ☒ d. 11 ✓

The correct answer is: 11

### Question 13

Correct

Mark 1.00 out of 1.00

Flag question

Jack buys 18 sharpeners(white and brown) for Rs.100. If he pays one rupee more for each white than brown sharpeners.? no of white sharpeners?

Select one:

- ☐ a. 6
- ☐ b. 7
- ☐ c. 11
- ☒ d. 10 ✓

The correct answer is: 10

### Question 14

Correct

Mark 1.00 out of 1.00

Flag question

in a school there are 60% girls.35 % of them are poor.what is the probability that apoor girl is selected as shool head?

Select one:

- ☐ a. 0.19
- ☒ b. 0.21 ✓
- ☐ c. 0.45
- ☐ d. 0.43

The correct answer is: 0.21

### Question 15

Not answered

Marked out of 1.00

Flag question

a takes 12 hours to make a publication .b takes 10 hours to make it.how much time they take to make 2 publications independently?

Select one:

- ☐ a. 12 hrs
- ☐ b. 22hrs


- ☐ c. 9hrs
- ☐ d. 10hrs

The correct answer is: 12 hrs

### Question 16

Not answered

Marked out of 1.00

 Flag question

in a stair case there are 10 steps. a child can step in 1 or 2 at a time. what are ways that a child can climb up?

Select one:


- ☐ a. 75
- ☐ b. 381
- ☐ c. 89
- ☐ d. 90

The correct answer is: 89

### Question 17

Correct

Mark 1.00 out of 1.00

 Flag question

$M+D+I=74$ .  $D+I$  is 46 greater than  $M$ .  $I$  is 60% less than  $D$ . what is the weight of  $D$ ?

Select one:


- ☐ a. 27
- ☒ b.  $\frac{300}{7}$  ✓
- ☐ c. 36
- ☐ d. 40

The correct answer is:  $\frac{300}{7}$

### Question 18

Correct

Mark 1.00 out of 1.00

 Flag question

A completes 80% of a work in 20 days. Then B also joins and A and B together finish the remaining work in 3 days. How long does it need for B if he alone completes the work?

Select one:


- ☐ a. 25
- ☐ b. none
- ☒ c. 37.5 ✓
- ☐ d. 15

The correct answer is: 37.5

**Question 19**

Correct

Mark 1.00 out of 1.00

 Flag question

J can dig a well in 16 days. P can dig a well in 24 days. J, P, H dig in 8 days. H alone can dig the well in How many days?

Select one:


- ☒ a. 48 ✓
- ☐ b. 72
- ☐ c. 90
- ☐ d. 24

The correct answer is: 48

**Question 20**

Not answered

Marked out of 1.00

 Flag question

a, b, c are non negative integers such that  $28a+30b+31c = 365$ .  $a + b + c = ?$

Select one:

- ☐ a. 15
- ☐ b. 13
- ☐ c. 12
- ☐ d. 18

The correct answer is: 12

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

