n a 100-m race, A beats B by 10 m and B beats C by 10 m. Find the distance by which A and beats C.

radio\_button\_unchecked10 mradio\_button\_checked20 mradio\_button\_unchecked19 mradio\_button\_unchecked11 m

**Correct Answer: 19 m**

Explain

When A travels 100 m, B travels 90 metres and when  
B travels 100 m, C travels 90 m. Thus, when B travels 90 m, C travels 81 m (multiplying distance of both B and C by 90/100).

Therefore, A beats C by 19 m.

02

**Incorrect answer 0**

**5m 46s**

A sum of Rs. 10,000 is divided between 2 siblings who are 5 and 6 years old in such a way that if their portions are invested at the rate of 2% per annum compound interest, they shall receive equal amounts on reaching 18 years of age. How much money does the younger one get initially?

radio\_button\_unchecked4000radio\_button\_unchecked4950radio\_button\_checked4735radio\_button\_unchecked4335

**Correct Answer: 4950**

Explain

03

**Correct answer 1**

**5m 24s**

Two trains are running on parallel tracks in the opposite direction at the speed of 40 km/h and 20 km/h, respectively. The faster train crosses a man in the second train in 18 sec. Find the length of the faster train.

radio\_button\_unchecked200 mradio\_button\_unchecked600 mradio\_button\_unchecked400 mradio\_button\_checked300 m

**Correct Answer: 300 m**

Explain

04

**Correct answer 1**

**3m 40s**

Study the following information to answer the questions given below:  
  
1) There is a family of six persons representing three generations.  
2) There are two married couples in the family.  
3) There are two pairs of brothers and sisters.  
4) Jinendra is the son of Rutwik and his wife is Lalita.  
5) Jenny and Rutwik is the eldest couple in the family.  
6) Nisha is the sister-in-law of Lalita.  
7) Jinu is the son of Lalita.  
8) Gauri is the daughter of Jinendra.

How is Lalita related to Rutwik?

radio\_button\_uncheckedAuntradio\_button\_uncheckedSisterradio\_button\_checkedDaughter-in-lawradio\_button\_uncheckedDaughter

**Correct Answer: Daughter-in-law**

Explain

05

**Correct answer 1**

**3m**

**Directions for questions:**

 Answer the questions based on the following information:  
Seven students Priyanka , Ankita, Ravi, Sunita, Tenzin, Dhanush and Vikram take a series of tests. No two students get similar marks. Vikram always scores more than Priyanka. Priyanka always scores more than Ankita.Each time either Ravi scores the highest and Tenzin gets the least, or alternatively sunita scores the highest and Dhanush or Ankita scores the least.

If Ravi gets the highest, Vikram should be ranked not lower than?

radio\_button\_uncheckedSecondradio\_button\_checkedThirdradio\_button\_uncheckedFourthradio\_button\_uncheckedFifth

**Correct Answer: Third**

Explain

06

**Incorrect answer 0**

**2m 35s**

Kavin and Navin can complete a work in 15 and 10 days, respectively. They started doing the work together but  
after 2 days Navin had to leave and Kavin alone completed the remaining work. How many days did it take for the  
whole work to be completed?

radio\_button\_unchecked12 daysradio\_button\_unchecked14 daysradio\_button\_checked16 daysradio\_button\_unchecked18 days

**Correct Answer: 12 days**

Explain

07

**Incorrect answer 0**

**4m 14s**

A train crosses two bridges, which are 215 m and 275 m long, in 15 sec and 18 sec, respectively. Find the speed of the train (km/h).

radio\_button\_checked36radio\_button\_unchecked72radio\_button\_unchecked20radio\_button\_unchecked42

**Correct Answer: 72**

Explain

08

**Correct answer 1**

**4m 1s**

A boat sails down the river for 20 km and then up the river for 12 km. The speed of the river is 1 km/h. What should be the minimum speed of the boat for the trip to take a maximum of 8 h?

radio\_button\_unchecked2 km/hradio\_button\_unchecked3 km/hradio\_button\_checked4 km/hradio\_button\_unchecked5 km/h

**Correct Answer: 4 km/h**

Explain

09

**Incorrect answer 0**

**48s**

The price of sugar has increased by 20%. Anu has decided to only spend 8% more than she initially did on sugar. Find the percentage by which she needs to reduce the sugar consumption.

radio\_button\_unchecked10%radio\_button\_checked12%radio\_button\_unchecked14%radio\_button\_unchecked16.4%

**Correct Answer: 10%**

Explain

10

**Incorrect answer 0**

**2m 5s**

Study the following information to answer the questions given below:  
  
1) There is a family of six persons representing three generations.  
2) There are two married couples in the family.  
3) There are two pairs of brothers and sisters.  
4) Jinendra is the son of Rutwik and his wife is Lalita.  
5) Jenny and Rutwik is the eldest couple in the family.  
6) Nisha is the sister-in-law of Lalita.  
7) Jinu is the son of Lalita.  
8) Gauri is the daughter of Jinendra.

How is Jenny related to Nisha?

radio\_button\_uncheckedFatherradio\_button\_uncheckedMotherradio\_button\_checkedAuntradio\_button\_uncheckedCannot be determined

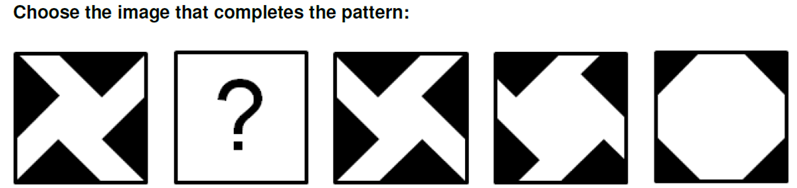
**Correct Answer: Cannot be determined**

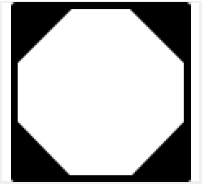
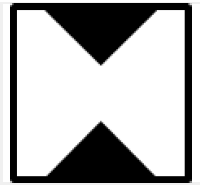
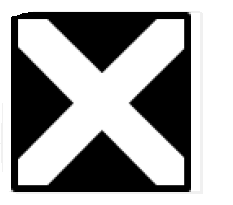
Explain

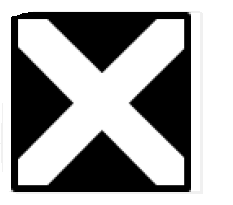
11

**Incorrect answer 0**

**58s**



radio\_button\_uncheckedradio\_button\_uncheckedradio\_button\_checkedradio\_button\_unchecked

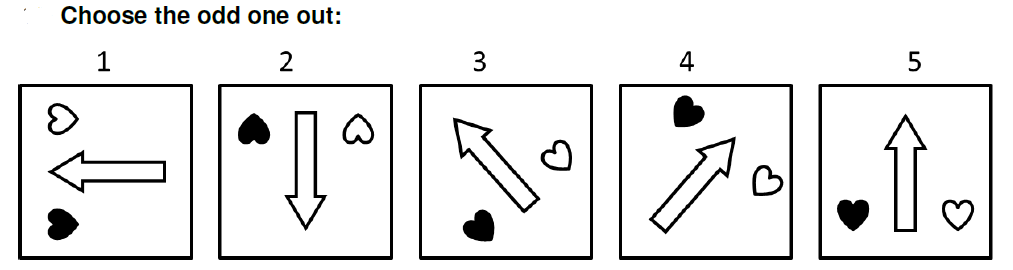
**Correct Answer:**

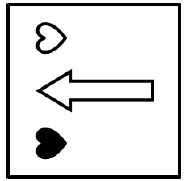
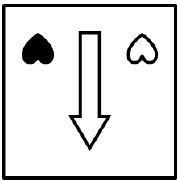
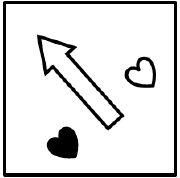
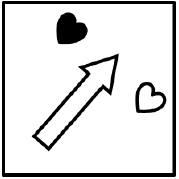
Explain

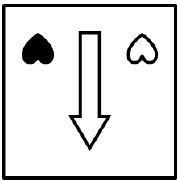
12

**Correct answer 1**

**1m 16s**



radio\_button\_uncheckedradio\_button\_checkedradio\_button\_uncheckedradio\_button\_unchecked

**Correct Answer:**

Explain

13

**Correct answer 1**

**2m 33s**

**Directions for questions:**

 Answer the questions based on the following information:  
Seven students Priyanka , Ankita, Ravi, Sunita, Tenzin, Dhanush and Vikram take a series of tests. No two students get similar marks. Vikram always scores more than Priyanka. Priyanka always scores more than Ankita.Each time either Ravi scores the highest and Tenzin gets the least, or alternatively sunita scores the highest and Dhanush or Ankita scores the least.

If Sunita is ranked sixth and Ankita is ranked fifth, which of the following can be true?

radio\_button\_uncheckedVikram is ranked first or fourthradio\_button\_uncheckedRavi is ranked second or thirdradio\_button\_uncheckedTenzin is ranked fourth or fifthradio\_button\_checkedDhanush is ranked third or fourth

**Correct Answer: Dhanush is ranked third or fourth**

Explain

14

**Correct answer 1**

**2m 49s**

If a certain principal amount increases to Rs. 9,500 in 3 years at a certain fixed rate of simple interest and Rs. 11,500 in 5 years at the same rate of interest, then what is the rate of simple interest, approx.?

radio\_button\_unchecked8%radio\_button\_unchecked6%radio\_button\_unchecked7%radio\_button\_checked15%

**Correct Answer: 15%**

Explain

15

**Incorrect answer 0**

**1m 19s**

Kalyan works twice as fast as Joy. If Joy can complete a work in 12 days independently, in how many days can  
Kalyan and Joy together finish the work?

radio\_button\_unchecked4 daysradio\_button\_unchecked5 daysradio\_button\_checked6 daysradio\_button\_unchecked7 days

**Correct Answer: 4 days**

Explain

16

**Incorrect answer 0**

**1m 54s**

A tank is filled in 5 h by three pipes A, B and C. The pipe C is twice as fast as B and B is twice as fast as A. How much time will pipe A alone take to fill the tank?

radio\_button\_unchecked28 hradio\_button\_checked25 hradio\_button\_unchecked30 hradio\_button\_unchecked35 h

**Correct Answer: 35 h**

Explain

17

**Incorrect answer 0**

**2m 4s**

In a 250 m race, the ratio of the speed of Ram and Rama is 3 : 2. If Ram has a head start of 70 m, then Ram wins by

radio\_button\_unchecked130 mradio\_button\_unchecked100 mradio\_button\_unchecked120 mradio\_button\_checked150 m

**Correct Answer: 130 m**

Explain

18

**Incorrect answer 0**

**3m 17s**

4, ?, 14, 40, 88, 170

radio\_button\_unchecked9radio\_button\_unchecked5radio\_button\_unchecked6radio\_button\_checked7

**Correct Answer: 6**

Explain

19

**Correct answer 1**

**38s**

Study the following information to answer the questions given below:  
  
1) There is a family of six persons representing three generations.  
2) There are two married couples in the family.  
3) There are two pairs of brothers and sisters.  
4) Jinendra is the son of Rutwik and his wife is Lalita.  
5) Jenny and Rutwik is the eldest couple in the family.  
6) Nisha is the sister-in-law of Lalita.  
7) Jinu is the son of Lalita.  
8) Gauri is the daughter of Jinendra.

How many niece and nephew Nisha has?

radio\_button\_unchecked1radio\_button\_checked2radio\_button\_unchecked3radio\_button\_unchecked4

**Correct Answer: 2**

Explain

20

**Incorrect answer 0**

**52s**

A pump can fill a tank with water in 2 h. Because of a leak, it took 2 h and 20 min to fill the tank. The leak can drain  
all the water of the tank in

radio\_button\_checked10 hrsradio\_button\_unchecked12 hrsradio\_button\_unchecked14 hrsradio\_button\_unchecked16 hrs

**Correct Answer: 14 hrs**

Explain

21

**Correct answer 1**

**1m 20s**

In a race, P beats Q by 10 sec and Q beats R by 20 sec. By how many seconds did P beat R?

radio\_button\_unchecked44radio\_button\_unchecked25radio\_button\_checked30radio\_button\_unchecked40

**Correct Answer: 30**

Explain

22

**Incorrect answer 0**

**1m 19s**

Study the following information to answer the questions given below:  
  
1) There is a family of six persons representing three generations.  
2) There are two married couples in the family.  
3) There are two pairs of brothers and sisters.  
4) Jinendra is the son of Rutwik and his wife is Lalita.  
5) Jenny and Rutwik is the eldest couple in the family.  
6) Nisha is the sister-in-law of Lalita.  
7) Jinu is the son of Lalita.  
8) Gauri is the daughter of Jinendra.

How is Gauri related to Nisha?

radio\_button\_uncheckedNieceradio\_button\_uncheckedNephewradio\_button\_checkedAuntradio\_button\_uncheckedNone of the options

**Correct Answer: Niece**

Explain

23

**Incorrect answer 0**

**1m 22s**

Suman generally spent Rs.1500 for buying a month’s provision of potatoes. However, lower yield this year caused the cost of one kilogram of potatoes to be increased by 20%. Owing to this, Suman had to buy 30 kg fewer potatoes than usual. What was the cost of potatoes this year?

radio\_button\_unchecked10radio\_button\_checked12radio\_button\_unchecked14radio\_button\_unchecked16radio\_button\_uncheckedNone of these

**Correct Answer: 10**

Explain

24

**Incorrect answer 0**

**1m 47s**

A shopkeeper gives 20% discount on the printed price of a book. The customer gets 10% discount on the already discounted price of the book. If the shopkeeper still makes 8% profit in the transaction, by what percentage is the cost price of the book lesser than printed price?

radio\_button\_unchecked150%radio\_button\_checked25%radio\_button\_unchecked6.66%radio\_button\_unchecked33.33%

**Correct Answer: 33.33%**

Explain

25

**Incorrect answer 0**

**1m 7s**

Study the following information to answer the questions given below:  
  
1) There is a family of six persons representing three generations.  
2) There are two married couples in the family.  
3) There are two pairs of brothers and sisters.  
4) Jinendra is the son of Rutwik and his wife is Lalita.  
5) Jenny and Rutwik is the eldest couple in the family.  
6) Nisha is the sister-in-law of Lalita.  
7) Jinu is the son of Lalita.  
8) Gauri is the daughter of Jinendra.

How many females are there in the family?

radio\_button\_checkedThreeradio\_button\_uncheckedFourradio\_button\_uncheckedOneradio\_button\_uncheckedTwo

**Correct Answer: Four**

Explain

26

**Incorrect answer 0**

**40s**

Three pipes fill a tank in 7 h. If two of them take 14 and 21 h each to fill the tank, how many hours will the 3rd  
pipe take to fill the tank?

radio\_button\_checked34 hradio\_button\_unchecked42 hradio\_button\_unchecked56 hradio\_button\_unchecked32 h

**Correct Answer: 42 h**

Explain

27

**Incorrect answer 0**

**1m 29s**

Vigs can finish a work in 24 days, Bigs in 9 days and Cisx in 12 days. Bigs and Cisx start the work but are forced to  
leave after 3 days. In how many days will Vigs complete the remaining work?

radio\_button\_unchecked10 daysradio\_button\_checked20 daysradio\_button\_unchecked30 daysradio\_button\_unchecked40 days

**Correct Answer: 10 days**

Explain

28

**Correct answer 1**

**2m 11s**

The population of country X on 4th April, 1989 was 1 lakh and it grows at the rate of 10% per year. The population of country Y on the same date was 2.25 lakh and it decreases at the rate of 10% per year. On 4th April of which year will country X’s population become more than that of country Y?

radio\_button\_unchecked1993radio\_button\_unchecked1995radio\_button\_checked1994radio\_button\_unchecked1992

**Correct Answer: 1994**

Explain

29

**Incorrect answer 0**

**32s**

**Directions for questions:**

 Answer the questions based on the following information:  
Seven students Priyanka , Ankita, Ravi, Sunita, Tenzin, Dhanush and Vikram take a series of tests. No two students get similar marks. Vikram always scores more than Priyanka. Priyanka always scores more than Ankita.Each time either Ravi scores the highest and Tenzin gets the least, or alternatively sunita scores the highest and Dhanush or Ankita scores the least.

If Vikram is ranked fifth, which of the following must be true?

radio\_button\_uncheckedSunita scores the highestradio\_button\_uncheckedRavi is ranked secondradio\_button\_uncheckedTenzin gets more than Ramanradio\_button\_checkedPriyanka gets more than Vikram

**Correct Answer: Sunita scores the highest**

Explain

30

**Incorrect answer 0**

**2m 5s**

6, 8, 8, 22, ?, 151

radio\_button\_unchecked43radio\_button\_checked42radio\_button\_unchecked44radio\_button\_unchecked47

**Correct Answer: 47**

Explain

31

**Incorrect answer 0**

**44s**

A man can row his boat down the river with a speed of 12 km/h and up the river with a speed of 6 km/h. What is the speed of the boat in still water?

radio\_button\_unchecked9 km/hradio\_button\_unchecked3 km/hradio\_button\_checked6 km/hradio\_button\_unchecked8 km/h

**Correct Answer: 9 km/h**

Explain

32

**Incorrect answer 0**

**24s**

The effective annual rate of compound interest corresponding to a compound interest of 8% per annum payable half-yearly is:

radio\_button\_unchecked8.16%radio\_button\_unchecked6.16%radio\_button\_unchecked7.16%radio\_button\_checked5.16%

**Correct Answer: 8.16%**

Explain

33

**Incorrect answer 0**

**1m 59s**

In a certain code 'nee tim see' means 'how are you' ; 'ble nee see' means where are you. What will be the code for where?

radio\_button\_checkedneeradio\_button\_uncheckedtimradio\_button\_uncheckedseeradio\_button\_uncheckedNone of these

**Correct Answer: None of these**

Explain

34

**Correct answer 1**

**41s**

If 20 men take 15 days to complete a task, how many days will 30 men take to finish the same task?

radio\_button\_checked10 daysradio\_button\_unchecked12 daysradio\_button\_unchecked14 daysradio\_button\_unchecked16 days

**Correct Answer: 10 days**

Explain

35

**Correct answer 1**

**56s**

Since the price of sugar reduced by 40%, Rani was able to purchase 10 kg more for Rs. 90. What was the original price per kg of sugar?

radio\_button\_unchecked5radio\_button\_checked6radio\_button\_unchecked7radio\_button\_unchecked8

**Correct Answer: 6**

Explain

36

**Incorrect answer 0**

**38s**

**Directions for questions:**

 Answer the questions based on the following information:  
Seven students Priyanka , Ankita, Ravi, Sunita, Tenzin, Dhanush and Vikram take a series of tests. No two students get similar marks. Vikram always scores more than Priyanka. Priyanka always scores more than Ankita.Each time either Ravi scores the highest and Tenzin gets the least, or alternatively sunita scores the highest and Dhanush or Ankita scores the least.

If Ravi is ranked second and Ankita is ranked first, which of the following must be true?

radio\_button\_uncheckedSunil is ranked thirdradio\_button\_uncheckedTenzin is ranked thirdradio\_button\_checkedPriyanka is ranked sixthradio\_button\_uncheckedCannot be determined

**Correct Answer: Cannot be determined**

Explain

37

**Incorrect answer 0**

**17s**

In a 100-m race, FAST completes the race 4 sec before SLOW beating him by 20 m. Find SLOW’s speed (m/s).

radio\_button\_unchecked5radio\_button\_unchecked6radio\_button\_checked25/6radio\_button\_unchecked4

**Correct Answer: 5**

Explain

38

**Correct answer 1**

**46s**

A pipe normally fills a tank in 12 h, but, due to a leak, it takes 8 h more. If the tank is full, how many hours will the leak take to empty it?

radio\_button\_unchecked49 hradio\_button\_unchecked55 hradio\_button\_checked30 hradio\_button\_unchecked27 h

**Correct Answer: 30 h**

Explain

39

**Incorrect answer 0**

**17s**

**Directions for questions:**

 Answer the questions based on the following information:  
Seven students Priyanka , Ankita, Ravi, Sunita, Tenzin, Dhanush and Vikram take a series of tests. No two students get similar marks. Vikram always scores more than Priyanka. Priyanka always scores more than Ankita.Each time either Ravi scores the highest and Tenzin gets the least, or alternatively sunita scores the highest and Dhanush or Ankita scores the least.

If sunita is ranked second, which of the following can be true?

radio\_button\_uncheckedDhanush gets more than Vikramradio\_button\_checkedVikram gets more than Sunitaradio\_button\_uncheckedPriyanka gets more than Raviradio\_button\_uncheckedPriyanka gets more than Vikram

**Correct Answer: Dhanush gets more than Vikram**

Explain

40

**Correct answer 1**

**29s**

Pipes A and B can fill a tank in 5 h and 6 h, respectively. Pipe C can empty it in 12 h. If all the three pipes are opened together, then how long will it take for the tank to be filled?

radio\_button\_unchecked30/7 hradio\_button\_unchecked30/17 hradio\_button\_checked60/17 hradio\_button\_unchecked60/27 h

**Correct Answer: 60/17 h**

Explain

41

**Incorrect answer 0**

**22s**

A certain amount of money is lent out at compound interest at the rate of 40% per annum for two years, compounded annually. It would give Rs. 568 more if the amount is compounded half yearly. Find the principal in Rs.

radio\_button\_unchecked10000radio\_button\_unchecked12000radio\_button\_checked6000radio\_button\_unchecked5000

**Correct Answer: 5000**

Explain

42

**Incorrect answer 0**

**45s**

Akshat runs 100 m in 20 s and Akshara runs the same distance in 10 sec. By what distance will Akshara beat Akshat in a 100-m race?

radio\_button\_unchecked50 mradio\_button\_checked25 mradio\_button\_unchecked40 mradio\_button\_unchecked60 m

**Correct Answer: 50 m**

Explain

43

**Incorrect answer 0**

**30s**

Train A is running at a speed of 36 km/h and train B is running at a speed of 18 km/h. If the length of train A is 300 m and that of train B is 450 m, then how much time will it take for A and B to cross each other when both the trains are running towards each other?

radio\_button\_checked20 sradio\_button\_unchecked30 sradio\_button\_unchecked40 sradio\_button\_unchecked50 s

**Correct Answer: 50 s**

Explain

44

**Incorrect answer 0**

**27s**

After giving successive discounts of 10% and x%, the selling price of shirt becomes Rs. 150. If the marked price of a shirt is Rs.200,then find  x.

radio\_button\_unchecked10.4%radio\_button\_checked28.5%radio\_button\_unchecked14.2%radio\_button\_unchecked16.6%

**Correct Answer: 16.6%**

Explain

45

**Correct answer 1**

**39s**

Godfrey can do a work in 15 days and Chandru in 20 days. If they work on it together for 4 days, then what is the  
fraction of the work that is left?

radio\_button\_unchecked32/60radio\_button\_unchecked28/60radio\_button\_unchecked9/15radio\_button\_checked8/15

**Correct Answer: 8/15**

Explain