

MAH-CET-2023

Slot-4

Question 1: A alone can do a piece of work in 6 days and B alone in 8 days. A and B undertook to do it for Rs. 3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

- a. Rs. 375
- b. Rs. 400
- c. Rs. 600
- d. Rs. 800
- e. Rs. 550

Question 2: A fruit seller had some apples. He sells 40% apples and still has 420 apples. Originally, he had:

- a. 588 apples
- b. 600 apples
- c. 672 apples
- d. 700 apples
- e. 800 apples

Question 3: How much time will it take for an amount of Rs. 450 to yield Rs. 81 as interest at 4.5% per annum of simple interest?

- a. 3.5 years
- b. 4 years
- c. 4.5 years
- d. 5 years
- e. 5.5 years

Question 4: A milk vendor has 2 cans of milk. The first contains 25% water and the rest milk. The second contains 50% water. How much milk should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is 3 : 5?

- a. 4 litres, 8 litres
- b. 6 litres, 6 litres
- c. 5 litres, 7 litres
- d. 7 litres, 5 litres
- e. 8 litres, 4 litres

Question 5: The ratio between the perimeter and the breadth of a rectangle is 5 : 1. If the area of the rectangle is 216 sq. cm, what is the length of the rectangle?

- a. 16 cm
- b. 18 cm
- c. 24 cm
- d. Data inadequate

- e. None of these

Question 6: Statement: A large number of people visiting India from country X have been tested positive for carrying viruses of a killer disease.

Courses of Action:

The government of India should immediately put a complete ban on people coming to India from country X including those Indians who are settled in country X.

The government of India should immediately set up detection centres at all its airports and seaports to identify and quarantine those who are tested positive.

- a. Only I follows
- b. Only II follows
- c. Either I or II follows
- d. Neither I nor II follows
- e. Both I and II follow

Question 7: Statement: The General Administration Department has issued a circular to all the employees informing them that henceforth the employees can avail their lunch break at any of the half-hour slots between 1.00 p.m. and 2.30 p.m.

Assumptions:

The employees may welcome the decision and avail lunch break at different time's slots. There may not be any break in the work of the organization as the employees will have their lunch break at different time slots.

- a. Only assumption I is implicit
- b. Only assumption II is implicit
- c. Either I or II is implicit
- d. Neither I nor II is implicit
- e. Both I and II are implicit

Question 8: Statement: Should we scrap the system of formal education beyond graduation?

Arguments:

Yes. It will mean taking employment at an early date.

No. It will mean lack of depth of knowledge.

- a. Only argument I is strong
- b. Only argument II is strong
- c. Either I or II is strong
- d. Neither I nor II is strong

- e. Both I and II are strong

Question 9: Odometer is to mileage as compass is to

- a. speed
- b. hiking
- c. needle
- d. direction
- e. None of these

Question 10: Cup is to coffee as bowl is to

- a. dish
- b. soup
- c. spoon
- d. food
- e. None of these

Question 11: 58, 52, 46, 40, 34, ... What number should come next?

- a. 26
- b. 28
- c. 30
- d. 32
- e. None of these

Question 12: 31, 29, 24, 22, 17, ... What number should come next?

- a. 15
- b. 14
- c. 13
- d. 12
- e. None of these

Question 13:

Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

harvest

- a. autumn
- b. stockpile
- c. tractor
- d. crop
- e. None of these

Question 14: FAG, GAF, HAI, IAH, _____

- a. JAK
- b. HAL

- c. HAK
- d. JAI
- e. None of these

Question 15: QAR, RAS, SAT, TAU, _____

- a. UAV
- b. UAT
- c. TAS
- d. TAT
- e. None of these

Question 16:



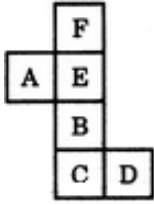
- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 17: Find the number of triangles in the given figure.



- a. 8
- b. 10
- c. 12
- d. 14
- e. None of these

Question 18: Choose the box that is similar to the box formed from the given sheet of paper (X).



(X)



(1)



(2)



(3)



(4)

- a. 1 only
- b. 2 only
- c. 1 and 3 only
- d. 1, 2, 3 and 4 only
- e. None of these

Question 19: Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

Question 20: Identify the figure that completes the pattern.



(X)



(1)



(2)



(3)



(4)

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 21: If a person walks at 14 km/hr instead of 10 km/hr, he would have walked 20 km more. The actual distance travelled by him is:

- a. 50 km
- b. 56 km

- c. 70 km
- d. 80 km
- e. None of these

Question 22: A train passes a station platform in 36 seconds and a man standing on the platform in 20 seconds. If the speed of the train is 54 km/hr, what is the length of the platform?

- a. 120 m
- b. 240 m
- c. 300 m
- d. 330 m
- e. None of these

Question 23: In a certain store, the profit is 320% of the cost. If the cost increases by 25% but the selling price remains constant, approximately what percentage of the selling price is the profit?

- a. 30%
- b. 70%
- c. 90%
- d. 100%
- e. 250%

Question 24: Three partners shared the profit in a business in the ratio 5 : 7 : 8. They had partnered for 14 months, 8 months and 7 months respectively. What was the ratio of their investments?

- a. 5 : 7 : 8
- b. 20 : 49 : 64
- c. 38 : 28 : 21
- d. 32 : 30 : 28
- e. None of these

Question 25: Statements: No women teacher can play. Some women teachers are athletes.

Conclusions:

1. Male athletes can play.
 2. Some athletes can play.
- a. Only conclusion I follows
 - b. Only conclusion II follows
 - c. Either I or II follows
 - d. Neither I nor II follows
 - e. Both I and II follow

Question 26: A, B, C subscribe Rs. 50,000 for a business. A subscribes Rs. 4000 more than B and B Rs. 5000 more than C. Out of a total profit of Rs. 35,000, A receives:

- a. Rs. 8400
- b. Rs. 11,900
- c. Rs. 13,600
- d. Rs. 14,700
- e. None of these

Question 27: Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).

- a. We discussed about the problem so thoroughly
- b. on the eve of the examination
- c. that I found it very easy to work it out
- d. No error.

Question 28: Pointing to a photograph of a boy Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?

- a. Brother
- b. Uncle
- c. Cousin
- d. Father
- e. None of these

Question 29: Each of these questions is based on the following information:

A + B means A is the mother of B.

A - B means A is the sister of B.

A * B means A is the father of B.

A β B means A is the brother of B.

Which of the following means Q is the grandfather of P?

- a. P + N * M * Q
- b. Q * N * M + P
- c. Q β M β N * P
- d. None of these

Question 30: Each of these questions is based on the following information:

A + B means A is the mother of B.

A - B means A is the sister of B.

A * B means A is the father of B.

A β B means A is the brother of B.

Which of the following means that N is the maternal uncle of M?

- $N \beta P - L + E - M$
- $N - Y + A \beta M$
- $M - Y * P - N$
- $N \beta C + F * M$
- Can't be determined

Question 31: Each of these questions is based on the following information:

$M \% N$ means M is the son of N.

$M @ N$ means M is the sister of N.

$M \$ N$ means M is the father of N.

Which of the following shows the relation that C is the granddaughter of E?

- $C \% B \$ F \$ E$
- $B \$ F \$ E \% C$
- $C @ B \% F \% E$
- $E \% B \$ F \$ C$
- Can't be determined

Question 32: 120, 99, 80, 63, 48, ?

- 35
- 38
- 39
- 40
- None of these

Question 33: In the series 2, 6, 18, 54, what will be the 8th term ?

- 4370
- 4374
- 7443
- 7434
- None of these

Question 34: Paw : Cat :: Hoof : ?

- Lamb
- Elephant
- Lion
- Horse
- None of these

Question 35: Ornithologist : Bird :: Archaeologist : ?

- Islands
- Mediators

- c. Archaeology
- d. Aquatic
- e. None of these

Question 36: One morning Udai and Vishal were talking to each other face to face at a crossing. If Vishal's shadow was exactly to the left of Udai, which direction was Udai facing?

- a. East
- b. West
- c. North
- d. South
- e. None of these

Question 37: If the flats of P and T are interchanged then whose flat will be next to that of U?

- a. P
- b. Q
- c. R
- d. T
- e. None of these

Question 38: Which one is in the North-East of the person who is to the left of Kumar?

- a. Dev
- b. Nilesh
- c. Ankur
- d. Pintu
- e. None of these

Question 39: Each of the following questions is based on the following information:

1. A # B means B is at 1 metre to the right of A.
2. A \$ B means B is at 1 metre to the North of A.
3. A * B means B is at 1 metre to the left of A.
4. A @ B means B is at 1 metre to the south of A.

In the question first person from the left is facing North.

According to X @ B * P, P is in which direction with respect to X?

- a. North
- b. South
- c. North-East
- d. South-West
- e. None of these

Question 40: Two bus tickets from city A to B and three tickets from city A to C cost Rs. 77 but three tickets from city A to B and two tickets from city A to C cost Rs. 73. What are the fares for cities B and C from A ?

- a. Rs. 4, Rs. 23
- b. Rs. 13, Rs. 17
- c. Rs. 15, Rs. 14
- d. Rs. 17, Rs. 13
- e. None of these

Question 41: How many cubes having red, green and black colours on at least one side of the cube will be formed ?

- a. 16
- b. 12
- c. 10
- d. 4
- e. None of these

Question 42: How many cubes will remain if the cubes having black and green coloured are removed ?

- a. 4
- b. 8
- c. 12
- d. 16
- e. None of these

Question 43: Choose the word which is different from the rest.

- a. Chicken
- b. Snake
- c. Swan
- d. Crocodile
- e. Frog

Question 44: Choose the word which is different from the rest.

- a. Rigveda
- b. Yajurveda
- c. Atharvaveda
- d. Ayurveda
- e. Samveda

Question 45: Choose the alternative which is closely resembles the water-image of the given combination.

NUCLEAR

(1) NUCLEAR

(3) NUCLEAR

(2) NUCLEAR

(4) NUCLEAR

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 46: Choose the alternative which is closely resembles the water-image of the given combination.

GR98AP76ES

(1) SR88VPL9E2

(3) SR88VPL9E2

(2) SR88VPL9E2

(4) SR88VPL9E2

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 47: Choose the alternative which is closely resembles the mirror image of the given combination.

ANS43Q12

(1) ANS43Q12

(3) ANS43Q12

(2) ANS43Q12

(4) ANS43Q12

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 48: Choose the alternative which is closely resembles the mirror image of the given combination.

MALAYALAM

(1) MALAYALAM

(3) MALAYALAM

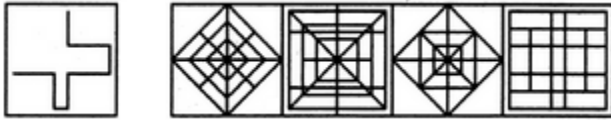
(2) MALAYALAM

(4) MALAYALAM

- a. 1
- b. 2
- c. 3
- d. 4

e. None of these

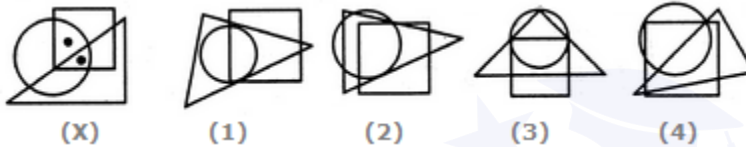
Question 49: Find out the alternative figure which contains figure (X) as its part.



(X) (1) (2) (3) (4)

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

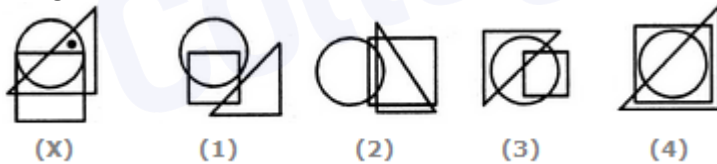
Question 50: Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



(X) (1) (2) (3) (4)

- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 51: Select the figure which satisfies the same conditions of placement of the dots as in Figure-X.



(X) (1) (2) (3) (4)

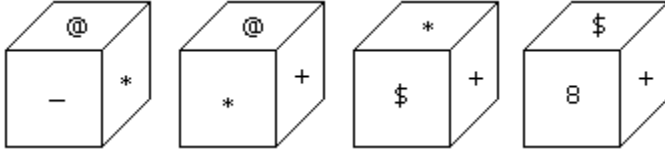
- a. 1
- b. 2
- c. 3
- d. 4
- e. None of these

Question 52: Peacock : India :: Bear : ?

- a. Australia
- b. America
- c. Russia

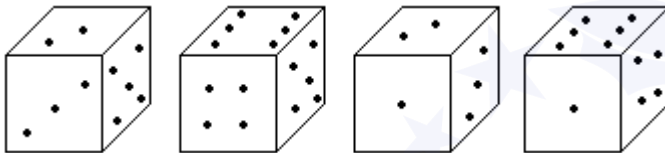
- d. England
- e. None of these

Question 53: Which symbol will be on the face opposite to the face with symbol * ?



- a. @
- b. \$
- c. 8
- d. +
- e. None of these

Question 54: How many points will be on the face opposite to in face which contains 2 points?



- a. 1
- b. 5
- c. 4
- d. 6
- e. None of these

Question 55: A, P, R, X, S and Z are sitting in a row. S and Z are in the centre. A and P are at the ends. R is sitting to the left of A. Who is to the right of P ?

- a. A
- b. X
- c. S
- d. Z
- e. R

Question 56: Ratio of the marked and cost price of the air cooler is 7:5 respectively. If the shopkeeper allows two successive discounts of 10% and Rs.450 and the shopkeeper gets the profit of 8%, then find the cost price of the air cooler?

- a. Rs.3500
- b. Rs.2500
- c. Rs.1500
- d. Rs.4500

- e. None of these

Question 57: An accurate clock shows 8 o'clock in the morning. Through how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?

- a. 144°
- b. 150°
- c. 168°
- d. 180°
- e. 155°

Question 58: The angle between the minute hand and the hour hand of a clock when the time is 4.20, is:

- a. 0°
- b. 10°
- c. 5°
- d. 20°
- e. 30°

Question 59: How many times in a day, the hands of a clock are straight?

- a. 22
- b. 24
- c. 44
- d. 48
- e. 42

Question 60: It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?

- a. Sunday
- b. Saturday
- c. Friday
- d. Wednesday
- e. Monday

Question 61: The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

- a. 76 kg
- b. 76.5 kg
- c. 85 kg
- d. Data inadequate
- e. None of these

Question 62: A man buys Rs. 20 shares paying 9% dividend. The man wants to have an interest of 12% on his money. The market value of each share is:

- a. Rs. 12
- b. Rs. 15
- c. Rs. 18
- d. Rs. 21
- e. Rs. 32

Question 63: Find the odd man out.

8, 27, 64, 100, 125, 216, 343

- a. 27
- b. 100
- c. 125
- d. 343
- e. 216

Question 64: Find the odd man out.

396, 462, 572, 427, 671, 264

- a. 396
- b. 427
- c. 671
- d. 264
- e. 462

Question 65: What least number must be added to 1056, so that the sum is completely divisible by 23 ?

- a. 2
- b. 3
- c. 18
- d. 21
- e. None of these

Question 66: Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).

- a. I could not put up in a hotel
- b. because the boarding and lodging charges
- c. were exorbitant.
- d. No error.

Question 67: In questions below, each passage consist of six sentences. The first and sixth sentence are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. Find out the proper order for the four sentences.

S1: In the middle of one side of the square sits the Chairman of the committee, the most important person in the room.

P : For a committee is not just a mere collection of individuals.

Q : On him rests much of the responsibility for the success or failure of the committee.

R : While this is happening we have an opportunity to get the 'feel' of this committee.

S : As the meeting opens, he runs briskly through a number of formalities.

S6: From the moment its members meet, it begins to have a sort nebulous life of its own.

The Proper sequence should be:

- a. RSQP
- b. PQRS
- c. SQPR
- d. QSRP
- e. Can't be determined

Question 68: In the following questions choose the word which is the exact OPPOSITE of the given words.

ENORMOUS

- a. Soft
- b. Average
- c. Tiny
- d. Weak
- e. Strong

Question 69: In the following questions choose the word which is the exact OPPOSITE of the given words.

COMMISSIONED

- a. Started
- b. Closed
- c. Finished
- d. Terminated
- e. Completed

Question 70: In the following questions choose the word which is the exact OPPOSITE of the given words.

EXODUS

- a. Influx
- b. Home-coming
- c. Return
- d. Restoration
- e. Comeback

Question 71: In the following the questions choose the word which best expresses the meaning of the given word.

CORPULENT

- a. Lean
- b. Gaunt
- c. Emaciated
- d. Obese
- e. Controvert

Question 72: AUGUST

- a. Common
- b. Ridiculous
- c. Dignified
- d. Petty
- e. None of these

Question 73: Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.

- a. 4
- b. 7
- c. 9
- d. 13
- e. 14

Question 74: The least perfect square, which is divisible by each of 21, 36 and 66 is:

- a. 213444
- b. 214344
- c. 214434
- d. 231444
- e. None of these

Question 75: 3 pumps, working 8 hours a day, can empty a tank in 2 days. How many hours a day must 4 pumps work to empty the tank in 1 day?

- a. 9
- b. 10
- c. 11
- d. 12
- e. None of these

Question 76: Find the odd man out.

10, 25, 45, 54, 60, 75, 80

- a. 10
- b. 45

- c. 54
- d. 75
- e. None of these

Question 77: 36, 54, 18, 27, 9, 18.5, 4.5

- a. 4.5
- b. 18.5
- c. 54
- d. 18
- e. None of these

Question 78: 582, 605, 588, 611, 634, 617, 600

- a. 634
- b. 611
- c. 605
- d. 600
- e. None of these

Question 79: Which word does NOT belong with the others?

- a. couch
- b. rug
- c. table
- d. chair
- e. None of these

Question 80: DIVISION : SECTION

- a. layer : tier
- b. tether : bundle
- c. chapter : verse
- d. riser : stage
- e. dais : speaker

Question 81: If the legislature decides to fund the agricultural subsidy program, national radio, and the small business loan program, the only other single program that can be funded is

- a. hurricane preparedness.
- b. harbor improvements.
- c. school music program.
- d. senate office building remodeling.
- e. international airport.

Question 82: Exercise is to gym as eating is to

- a. food

- b. dieting
- c. fitness
- d. restaurant
- e. None of these

Question 83: A man walks 5 km toward south and then turns to the right. After walking 3 km he turns to the left and walks 5 km. Now in which direction is he from the starting place?

- a. West
- b. South
- c. North-East
- d. South-West
- e. Can't be determined

Question 84: If A \$ B means A is the brother of B; B * C means B is the son of C; C @ D means C is the wife of D and A # D means A is the son of D, how C is related to A?

- a. Maternal grandmother
- b. Maternal aunt
- c. Aunt
- d. Mother
- e. None of these

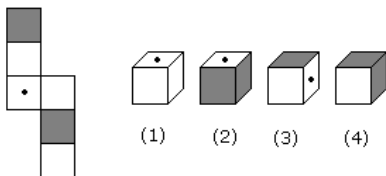
Question 85: Statements: All cars are cats. All fans are cats.

Conclusions:

1. All cars are fans.
 2. Some fans are cars.
- a. Only (1) conclusion follows
 - b. Only (2) conclusion follows
 - c. Either (1) or (2) follows
 - d. Neither (1) nor (2) follows
 - e. Both (1) and (2) follow

Question 86:

The figure given on the left hand side in each of the following questions is folded to form a box. Choose from the alternatives (1), (2), (3) and (4) the boxes that is similar to the box formed.

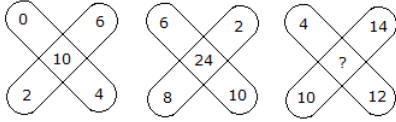


- a. 2 and 3 only
- b. 1, 3 and 4 only

- c. 2 and 4 only
- d. 1 and 4 only
- e. None of these

Question 87:

Which one will replace the question mark ?



- a. 36
- b. 48
- c. 38
- d. 30
- e. None of these

Question 88: Radha moves towards South-East a distance of 7 km, then she moves towards West and travels a distance of 14 km. From here she moves towards North-West a distance of 7 km and finally she moves a distance of 4 km towards east. How far is she now from the starting point?

- a. 3 km
- b. 4 km
- c. 10 km
- d. 11 km
- e. None of these

Question 89: Introducing a man, a woman said, "He is the only son of the mother of my mother." How is the woman related to the man?

- a. Mother
- b. Sister
- c. Niece
- d. Maternal aunt
- e. None of these

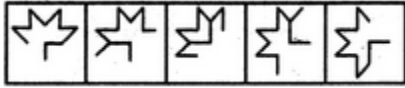
Question 90: Arrange the words given below in a meaningful sequence.

1. Rainbow 2. Rain 3. Sun
4. Happy 5. Child

- a. 4, 2, 3, 5, 1
- b. 2, 3, 1, 5, 4
- c. 4, 5, 1, 2, 3
- d. 2, 1, 4, 5, 3
- e. None of these

Question 91: Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

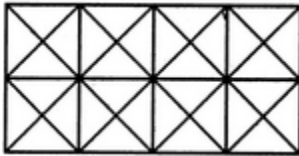
Answer Figures:



(1) (2) (3) (4) (5)

- a. 1
- b. 2
- c. 3
- d. 4
- e. 5

Question 92: Count the number of squares in the given figure.



- a. 11
- b. 21
- c. 24
- d. 26
- e. 28

Question 93: $1397 \times 1397 = ?$

- a. 1951609
- b. 1981709
- c. 18362619
- d. 2031719
- e. None of these

Question 94: Two trains are running in opposite directions with the same speed. If the length of each train is 120 metres and they cross each other in 12 seconds, then the speed of each train (in km/hr) is:

- a. 10
- b. 18
- c. 36
- d. 72
- e. None of these

Question 95: Today is Monday. After 61 days, it will be:

- a. Wednesday
- b. Saturday

- c. Tuesday
- d. Thursday
- e. None of these

Question 96:

The ratio of present ages of Sri and Gowtham is 3: 4. Mahesh is 6 years older than Sri and two years younger than Gowtham. Find the sum of the present ages of Sri and Mahesh?

- a. 48 years
- b. 50 years
- c. 52 years
- d. 54 years
- e. None of these

Question 97: 10% of salary of P is equal to 30% of salary of Q and 20 % of salary of Q is equal to 40 % of salary of R. If R's income is Rs. 4000, then the total income of P, Q and R is?

- a. 36000
- b. 34000
- c. 32000
- d. 30000
- e. None of these

Question 98: A certain sum of money amounts to Rs. 31250 in 5 years at the rate of 25% p.a compounded annually. Find the Principal.

- a. Rs. 10240
- b. Rs. 10024
- c. Rs. 10204
- d. Cannot be determined
- e. None of these

Question 99:

The total number of digits used in numbering the pages of a book having 366 pages is

- a. 732
- b. 990
- c. 1098
- d. 1305
- e. 1635

Question 100: In a competitive exam, 50% of total candidates failed in current affairs, 40% of candidates failed in aptitude and 10% in both. Find the percentage of those who passed in both the sections?

- a. 10%
- b. 20%

- c. 30%
- d. 40%
- e. None of these

Question 101: If the S.I on a sum of money for 2 years at 10% per annum is Rs. 100, what is the C.I on the same at the same rate and for the same time?

- a. Rs. 705
- b. Rs. 605
- c. Rs. 405
- d. Rs. 105
- e. None of these

Question 102: To make clean breast of

- a. To gain prominence
- b. To praise oneself
- c. To confess without of reserve
- d. To destroy before it blooms
- e. None of these

Question 103: Find the correctly spelt words.

- a. Ommineous
- b. Omineous
- c. Ominous
- d. Omenous
- e. None of these

Question 104: In the following the questions choose the word which best expresses the meaning of the given word.

RECKLESS

- a. Courageous
- b. Rash
- c. Bold
- d. Daring

Question 105: In a poll, Raghu got 84% of the total valid votes. If 25 % of the total votes were declared invalid and the total numbers of votes is 884000, find the number of valid vote polled in favour of Raghu.

- a. 214320
- b. 556920
- c. 43640
- d. 212160
- e. None of these

Question 106: A father said to his son, "I was as old as you are at the present at the time of your birth". If the father's age is 38 years now, the son's age five years back was:

1. 14 years
2. 19 years
3. 33 years
4. 38 years
5. None of these

Question 107: The difference between the present ages of Rohit and Agila is 17 years. If the ratio of their ages 8 years hence is 2: 1, then find the present age of Rohit's mother who is 28 years older than Rohit?

- a. 48 years
- b. 50 years
- c. 52 years
- d. 54 years
- e. None of these

Question 108: Ayush was born two years after his father's marriage. His mother is five years younger than his father but 20 years older than Ayush who is 10 years old. At what age did the father get married ?

- a. 23 years
- b. 25 years
- c. 33 years
- d. 35 years
- e. 37 years

Question 109: Split the approximate amount of Rs. 1762 between ashok and anirudh, so that the amount of ashok after 5 years is equal to the amount of Anirudh after 7 years, the interest being compound at 5% per annum.

- a. 920,824
- b. 930,812
- c. 934,830
- d. 924,838
- e. None of these

Question 110: To hit the nail right on the head

- a. To do the right thing
- b. To destroy one's reputation
- c. To announce one's fixed views
- d. To teach someone a lesson
- e. None of these

Question 111: Find the correctly spelt words.

- a. Treachrous
- b. Trecherous
- c. Trechearous
- d. Treacherous
- e. Treacheous

Question 112: In questions given below, a part of the sentence is italicised and underlined. Below are given alternatives to the italicised part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option 'D' is the answer.

The workers are *hell bent at getting* what is due to them.

- a. hell bent on getting
- b. hell bent for getting
- c. hell bent upon getting
- d. No improvement

Question 113:

The required number is 2.

Question 114:

Look carefully for the pattern, and then choose which pair of numbers comes next.

28 25 5 21 18 5 14

- a. 11 5
- b. 10 7
- c. 11 8
- d. 5 10
- e. 10 5

Question 115: A is the son of C; C and Q are sisters; Z is the mother of Q and P is the son of Z. Which of the following statements is true?

- a. P and A are cousins
- b. P is the maternal uncle of A
- c. Q is the maternal grandfather of A
- d. C and P are sisters
- e. None of these

Question 116: To set one's face against

- a. To oppose with determination
- b. To judge by appearance
- c. To get out of difficulty
- d. To look at one steadily
- e. None of these

Question 117: In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

The study of ancient societies

- a. Anthropology
- b. Archaeology
- c. History
- d. Ethnology

Question 118: In each question below is given a statement followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing.

Statement: Duty free technology parks where foreign firms can manufacture electronic hardware components are proposed to be established at various places in the country.

Courses of Action:

1. Government should immediately implement the proposal to augment the foreign currency reserve by exporting the products.
2. Government should not implement the proposal as it will hinder indigenous production of hardware components.
 - a. Only I follows
 - b. Only II follows
 - c. Either I or II follows
 - d. Neither I nor II follows
 - e. Both I and II follow

Question 119: Which one of the following is always found in 'Phrase'?

- a. Nomenclature
- b. Manifestation
- c. Pictorial effect
- d. Glossary
- e. None of these

Question 120: Arrange the words given below in a meaningful sequence.

1. Probation 2. Interview 3. Selection
 4. Appointment 5. Advertisement 6. Application
- a. 5, 6, 3, 2, 4, 1
 - b. 5, 6, 4, 2, 3, 1
 - c. 5, 6, 2, 3, 4, 1
 - d. 6, 5, 4, 2, 3, 1
 - e. 4, 1, 5, 6, 3, 2

Question 121:

A's son B is married with C whose sister D is married to E the brother of B. How D is related to A?

- a. Sister
- b. Daughter's-in-law
- c. Sister-in-law
- d. Cousin
- e. Niece

Question 122:

Below in each of the questions are given two statements I and II. These statements may be either independent causes or may be effects of independent causes or a common cause. One of these statements may be the effect of the other statements. Read both the statements and decide which of the following answer choice correctly depicts the relationship between these two statements.

Mark answer

- (A) If statement I is the cause and statement II is its effect.
- (B) If statement II is the cause and statement I is its effect.
- (C) If both the statements I and II are independent causes.
- (D) If both the statements I and II are effects of independent causes.
- (E) If both the statements I and II are effects of some common cause.

Statements:

1. Rural and semi-urban areas in the country have been suffering due to load-shedding for quite some time.
2. If the Government is not able to overcome the power crisis, load-shedding will be extended even to the urban areas.
 - a. Statement I is the cause and statement II is its effect.
 - b. Statement II is the cause and statement I is its effect.
 - c. Both the statements I and II are independent causes.
 - d. Both the statements I and II are effects of independent causes.
 - e. Both the statements I and II are effects of some common cause.

Question 123: Look carefully for the pattern, and then choose which pair of numbers comes next.

9 11 33 13 15 33 17

- a. 19 33
- b. 33 35
- c. 33 19
- d. 15 33
- e. 19 21

Question 124: Three of the words will be in the same classification, the remaining one will not be. Your answer will be the one word that does NOT belong in the same classification as the others.

Which word does NOT belong with the others?

- a. rye
- b. sourdough
- c. pumpernickel
- d. loaf
- e. None of these

Question 125: In questions given below out of four alternatives, choose the one which can be substituted for the given word/sentence.

A prima facie case is such

- a. As it seems at first sight
- b. As it is made to seem at first sight
- c. As it turns out to be at the end
- d. As it seems to the court after a number of hearings

Question 126: If 100 cats kill 100 mice in 100 days, then 4 cats would kill 4 mice in how many days ?

- a. 1 day
- b. 4 days
- c. 40 days
- d. 100 days
- e. 50 days

Question 127:

Choose the odd one out.

- a. AJKL
- b. IXYZ
- c. EPQR
- d. OFGH
- e. VCBA

Question 128:

Ice : Coldness :: Earth : ?

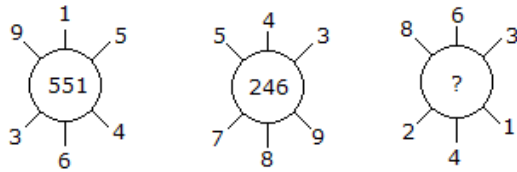
- a. Weight
- b. Jungle
- c. Gravitation
- d. Sea
- e. Water

Question 129: In each of the following questions find out the alternative which will replace the question mark.

$$68 : 130 :: ? : 350$$

- a. 220
- b. 224
- c. 222
- d. 226
- e. 228

Question 130: Which one will replace the question mark ?



- a. 262
- b. 622
- c. 631
- d. 824
- e. None of these

Question 131: Georgia is older than her cousin Marsha. Marsha's brother Bart is older than Georgia. When Marsha and Bart are visiting with Georgia, all three like to play a game of Monopoly. Marsha wins more often than Georgia does.

- a. When he plays Monopoly with Marsha and Georgia, Bart often loses.
- b. Of the three, Georgia is the oldest.
- c. Georgia hates to lose at Monopoly.
- d. Of the three, Marsha is the youngest.
- e. None of these

Question 132: Statement: "In order to bring punctuality in our office, we must provide conveyance allowance to our employees." - In charge of a company tells Personnel Manager.

Assumptions:

1. Conveyance allowance will not help in bringing punctuality.
2. Discipline and reward should always go hand in hand.
 - a. Only assumption I is implicit
 - b. Only assumption II is implicit
 - c. Either I or II is implicit
 - d. Neither I nor II is implicit
 - e. Both I and II are implicit

Question 133:

Each question has an underlined word followed by four answer choices. You will choose the word that is a necessary part of the underlined word.

- a. book
- b. fiction
- c. pages
- d. pictures
- e. learning

Question 134: Every one of the following questions consists of a related pair of words, followed by five pairs of words. Choose the pair that best represents a similar relationship to the one expressed in the original pair of words.

TAILOR : SUIT

- a. scheme : agent
- b. edit : manuscript
- c. revise : writer
- d. mention : opinion
- e. implode : building

Question 135: The average weight of 8 person's increases by 2.5 kg when a new person comes in place of one of them weighing 65 kg. What might be the weight of the new person?

- a. 76 kg
- b. 76.5 kg
- c. 85 kg
- d. Data inadequate
- e. None of these

Question 136:

8 men and 14 women are working together in a field. After working for 3 days, 5 men and 8 women leave the work. How many more days will be required to complete the work?

1. 19 men and 12 women together can complete the work in 18 days.
 2. 16 men can complete two-third of the work in 16 days.
 3. In 1 day, the work done by three men in equal to the work done by four women.
- a. I only
 - b. II only
 - c. III only
 - d. I or II or III
 - e. II or III only

Question 137: Read each sentence to find out whether there is any grammatical error in it. The error, if any will be in one part of the sentence. The letter of that part is the answer. If there is no error, the answer is 'D'. (Ignore the errors of punctuation, if any).

- a. My wife has got
- b. a new job
- c. a month ago.
- d. No error.

Question 138:

The greatest number of four digits which is divisible by 15, 25, 40 and 75 is:

- a. 9000
- b. 9400
- c. 9600
- d. 9800
- e. 9200

Question 139:

What is the length of a running train?

1. The train crosses a man in 9 seconds.
2. The train crosses a 240 metre long platform in 24 seconds.
 - a. I alone sufficient while II alone not sufficient to answer
 - b. II alone sufficient while I alone not sufficient to answer
 - c. Either I or II alone sufficient to answer
 - d. Both I and II are not sufficient to answer
 - e. Both I and II are necessary to answer

Question 140:

Pari and David have together three times what David and Farhath have, while Pari, David, Farhath together have forty two rupees more than that of Pari. If David has 5 times that of Farhath, then Pari has ?

1. Rs 60
2. Rs 91
3. Rs 77
4. Rs 49
5. Rs. 85

Question 141:

By selling a pen for Rs 105 there is a loss of 30%. At what price (in Rs) the pen must be sold in order to gain 30%?

- a. 215
- b. 165
- c. 195
- d. 200

e. 210

Question 142:

1. medicine 2. a 3. Neeta
4. given 5. was
a. 51423
b. 25431
c. 15423
d. 42531
e. 35421

Question 143: In 100 m race, A covers the distance in 36 seconds and B in 45 seconds. In this race A beats B by:

- a. 20 m
b. 25 m
c. 22.5 m
d. 9 m
e. 10 m

Question 144: Despite his best efforts to conceal his anger

- a. we could detect that he was very happy
b. he failed to give us an impression of his agony
c. he succeeded in camouflaging his emotions
d. he could succeed in doing it easily
e. people came to know that he was annoyed

Question 145: The sum of the present ages of a father and his son is 60 years. Six years ago, father's age was five times the age of the son. After 6 years, son's age will be:

- a. 12 years
b. 14 years
c. 18 years
d. 20 years
e. None of these

Question 146: The income of Arun and Babu are in the ratio 5 : 3. The expenses of Arun, Babu and Chandru are in the ratio 8 : 5 : 2. If Chandru spends Rs 2000 and Babu saves Rs 700, then Arun saves?

1. Rs 500
2. Rs 1000
3. Rs 1500
4. Rs 250
5. None of these

Question 147:

P, Q and R together can complete a work in 40 days. P and Q together can complete the same work in 90 days. Then R alone can complete the same work in how many days?

- a. 40
- b. 72
- c. 84
- d. 90
- e. 80

Question (148 – 152): The greatest thing this age can be proud of is the birth of man in the consciousness of men. In his drunken orgies of power and national pride man may flout and jeer at it. when organised national selfishness, racial antipathy and commercial self seeking begin to display their ugly deformities in all their nakedness, then comes the time for man to know that his salvation is not in political organisations and extended trade relations, not in any mechanical re-arrangement of social system but in a deeper transformation of life, in the liberation of consciousness in love, in the realisation of God in man

Question 148: In this passage, the phrase "God in man" implies

- a. God having assumed the shape of man
- b. neither fully godly nor fully human
- c. man being transformed into God
- d. the divine qualities in man

Question 149: The author uses expression 'ugly deformities' to show his indignation at

- a. political organisations
- b. the liberation of human consciousness
- c. selfishness and materialism of the people
- d. the drunken orgies of power

Question 150: According to the author, "salvation" of human beings lies in the

- a. extended trade relations
- b. spiritual transformation of life
- c. orgy of national pride
- d. wholehearted participated in political organisations

Question 151: In the phrase "the birth of Man in the consciousness of men", AMn stands for

- a. power and arrogance
- b. egocentricity
- c. noble human qualities
- d. an idealistic notion of the human self

Question 152: People jeer at the 'birth of Man' in the human consciousness when they

- a. begin to think of themselves as God
- b. become power hungry
- c. restructure the social system
- d. become mentally deranged

Question 153:

What is the simple interest (in Rs) on a principle sum of Rs 1440 for 3 years at the rate of 8% per annum?

- a. 345.6
- b. 230.4
- c. 367.8
- d. 312.2
- e. 314.6

Question 154: The question below consists of a main statement followed by four options. Select the one that logically follows the main statement

The slip fielder can catch a ball, only if the batsman is brought to the front foot and he tries to hit the ball

- a. The batsman is brought to the front foot. hence the slip fielder cannot catch the ball
- b. The batsman did not try to hit the ball. hence the slip fielder cannot catch the ball
- c. The fielder caught the ball, means that the batsman was brought to the front foot and he did not try to hit the ball
- d. All the above

Question 155: P,Q, R, S, T, U, V and W are sitting round the circle and are facing the centre: P is second to the right of T who is the neighbour of R and V. S is not the neighbour of P. V is the neighbour of U. Q is not between S and W. W is not between U and S. U is the right of S.

Who is sitting adjacent to V?

- a. U and T
- b. U and R
- c. T and P
- d. W and P
- e. None of these

Question 156: In a certain language ABCD is coded as CABF, FGHI is coded as HFGK, UVWkX is coded as WUVZ, How is KLMN coded?

- a. KLMP
- b. MKLP
- c. MNOP
- d. MNPO

- e. MLKP

Question 157:

In a certain code language. if the word RESERVE is coded as GXTGUGT, then how is the word PRESENT coded in that language

- a. VPGUGTR
- b. VPUGGTR
- c. VPGUTGR
- d. RGTUGPV
- e. VPGUGTR

Question 158: I felt somewhat more relaxed

- a. but tense as compared to earlier
- b. and tense as compared to earlier
- c. as there was already no tension at all
- d. and tension-free as compared to earlier
- e. because the worry had already captured by mind

Question 159:

1. I 2. immediately 3. salary
4. my 5. want
- a. 43152
 - b. 15432
 - c. 25143
 - d. 42351
 - e. 45132

Question 160:

A sum of money is divided between two people in the ratio of 4:7. If the share of one person is Rs 36 less than that of other, find the sum.

- a. Rs 118
- b. Rs 154
- c. Rs 146
- d. Rs 132
- e. None of these

Question (161 - 165): Organisations are institutions in which members compete for status and power. They compete for resource of the organisation, for example finance to expand their own departments, for career advancement and for power to control the activities of others. In pursuit of these aims, grouped are formed and sectional interests emerge. As a result, policy decisions may serve the ends of political and career systems rather than those of the concern. In this way, the goals of the organisation may be displaced in favour of sectional interests and individual ambition. These preoccupations

sometimes prevent the emergence of organic systems. Many of the electronic firms in the study had recently created research and development departments employing highly qualified and well paid scientists and technicians. Their high pay and expert knowledge were sometimes seen as a threat to the established order of rank, power and privilege. Many senior managers had little knowledge of technicality and possibilities of new developments and electronics. Some felt that close cooperation with the experts in an organic system would reveal their ignorance and show their experience was now redundant.

Question 161: The theme of the passage is

- a. groupism in organizations
- b. individual ambitions in organizations
- c. frustration of senior managers
- d. emergence of sectional interests in organizations

Question 162: "Organic system" as related to the organization implies its

- a. growth with the help of expert knowledge
- b. growth with input from science and technology
- c. steady all around development
- d. natural and unimpeded growth

Question 163: Policy decision in organization would involve

- a. cooperation at all levels in the organization
- b. modernization of the organization
- c. attracting highly qualified personnel
- d. keeping in view the larger objectives of the organizations

Question 164: The author makes out a case for

- a. organic system
- b. Research and Development in organisations
- c. an understanding between senior and middle level executives
- d. a refresher course for senior managers

Question 165: The author tends to the senior managers as

- a. ignorant and incompetent
- b. a little out of step with their work environment
- c. jealous of their younger colleagues
- d. robbed of their rank, power and privilege

Question 166: Ansh is taller than Akshita but shorter than Sharad. Akshita is shorter than Sharad but taller than Sneha. Who is the tallest one?

- a. Sharad
- b. Akshita
- c. Sneha

- d. Ansh
- e. None of these

Question 167: A says to B, 'I am the mother of your grandfather's son.' How is A related to B?

- a. Grandmother
- b. Sister
- c. Daughter
- d. Grandson
- e. Mother

Question 168: Two sisters Neha and Monica walk to school from the house. Neha takes 40 minutes while Monica takes 30 minutes. One day Neha started 5 minutes earlier than Monica. In how many minutes would Monica overtake Neha?

- 1. 5
- 2. 15
- 3. 20
- 4. 25
- 5. 10

Question 169:

1. not 2. Hari 3. Away 4. run 5. did
- a. 13542
 - b. 35412
 - c. 52431
 - d. 25143
 - e. 21345

Question 170: An article is sold at a profit of 50%. If the cost price is doubled and the selling price is halved, then what will be the new profit or loss percentage?

- a. 62.5 Loss
- b. 62.5 Profit
- c. 37.5 Loss
- d. 37.5 Profit
- e. None of these

Question 171: I met him after a long time, but he gave me the cold shoulder.

- a. scolded me
- b. insulted me
- c. abused me
- d. ignored me

Question 172: The speed of a boat in still water is 5 km/hr. If it takes thrice as much time in going 20 km upstream as in going the same distance downstream, find the speed of the stream.

- a. 5.5 km/hr
- b. 2.5 km/hr
- c. 3.5 km/hr
- d. 4.5 km/hr
- e. None of these

Question 173: Choose the missing item in the series:

CDFG, IJLM, OPRS, _____, ABDE

- a. UWYZ
- b. TUVW
- c. UVXY
- d. STUV

Question 174: If A # B is the mother of A

A \$ B means A is the father of B

A % B means A is sister of B

A * B means A is the son of B

A @ B means A is brother of B and

A ! B means A is the daughter of B

In the expression P\$Q#R@S, how is R related to P?

- a. Grandson
- b. Great Grandson
- c. Son
- d. Daughter
- e. Father

Question (175 - 178): Male lions are rather reticent about expanding their energy in hunting more than three quarters of kills are made by lionesses are in front, tensely scanning ahead, the cubs lag playfully behind and the males bring up the rear, walking slowly, their massive heads nodding with each step as if they were bored with the whole matter. But slothfulness may have survival value. With lionesses busy hunting, the males function as guard for the cubs, protecting them particularly from hyenas. Mark e. None of none of the options is correct.

Question 175: According to the passage male lions generally do not go for huntings because

- a. they don not like it.
- b. they want lioness to get training
- c. they wish to save their vigour for other things
- d. they are very lazy

Question 176: Male lions protect their cubs

- a. from the members of their own species
- b. from hyenas only
- c. from hyenas as much as from other enemies
- d. more from hyenas than from other animals

Question 177: Lioness go for hunting

- a. all alone
- b. with their male partners only
- c. with their cubs and male partners
- d. with their cubs only

Question 178: When the lionesses go in search for their prey, they are very

- a. serious
- b. cautious
- c. playful
- d. sluggish

Question 179: Find the next number in the series

210, 195, 175, 150, 120,..... ?

- a. 85
- b. 95
- c. 80
- d. 100
- e. None of these

Question 180: In a certain code language, if REPTILE is coded as 49 and SNAKE is coded as 25, then how is CROCODILE coded in that language.

- a. 64
- b. 36
- c. 81
- d. 100
- e. None of these

Question (181 - 186) A, D, F, H, J, I and L are seven employees in an organization who are learning distance course in different institutes, viz SMU, PTU and IGNOU. There are three girls among these seven students. Each of the girls studies in the three different institutes. Two of the seven students study Accounts, two study Computer Science and one each studies MCA, Finance and Textile Designing. F studies in the same institute as A, who studies Textiles Designing in PTU. No girl studies Finance or Textile Designing. J studies Accounts in SMU and his brother I studies MCA in IGNOU. H studies Finance in

the same institute as D. Neither F nor L studies Accounts. The girl who studies Accounts does not study in IGNOU.

Question 181: Which of the following pairs of students study Computer Science?

- a. D, A
- b. L, A
- c. F, L
- d. H, F
- e. None of these

Question 182: What is the study field of F?

- a. Accounts
- b. MCA
- c. Finance
- d. Computer science
- e. None of these

Question 183: Which of the following groups represents girls?

- a. H, D, I
- b. L, D, A
- c. D, L, F
- d. F, A, J
- e. None of these

Question 184: In which of the following institutes do three employees study?

- a. IGNOU
- b. SMU or PTU
- c. SMU
- d. PTU
- e. None of these

Question 185: In which of the following institutes does D study?

- a. SMU
- b. PTU
- c. IGNOU
- d. Can't be determined
- e. None of these

Question 186: The speeds of 3 cars in the ratio 5:4:6. The ratio between the time taken by them to travel same distance is

- a. 12 :15 :10
- b. 12 :10 :13
- c. 10 :20 :30
- d. 15 :12 :11

e. 13 :21 :22

Question 187: If in a certain language, ITNIETAM is the code for INTIMATE, which word has the code

TREVNIETARBI?

- a. INVRETIBRATE
- b. INVERTIBRATE
- c. INVERTIBRETA
- d. INVERTIBARTE
- e. INVERBRTIETA

Question 188: In a certain code language BCG is coded as EFJ. How is the word FALSE coded?

- a. IJKLM
- b. JEPWI
- c. IDOVH
- d. IDOWJ
- e. None of these

Question 189:

The question below consists of a main statement followed by four options. Select the one that logically follows the main statement

- a. If I drive a car, then it is a BMW or a Skoda.
- b. I am driving a car. means that it is a BMW or a Skoda
- c. The car is neither BMW nor Skoda. hence I do not drive a car.
- d. I drive a car but it is not a Skoda, means it is a BMW
- e. All the above

Question (190 – 194): Seven persons A, B, C, D, E, F and G live in a seven story building. The bottom floor is numbered 1 and the floor above it is numbered 2 and so on. The topmost floor is numbered 7. All the persons are working with different shops, viz Liberty, Puma, Sonata, Titan, Reebok, Nike and Walmart but not necessarily in the same order. C lives on the third floor but does not work with Liberty shop. B does not work with Puma. The one who works with Walmart lives immediately below the person who works with Titan. F works with Sonata but lives neither on an even numbered floor nor immediately above the one who works at Liberty. The floor on which A lives is immediately above the floor on which B lives. A does not work with Liberty shop. The one who works with Nike lives immediately below the one who works with Puma. D lives on floor no. 6. Neither A nor E works with Reebok. G works with Titan and lives on the topmost floor.

Question 190: Who among the following lives on the first floor?

- a. The one who work with Reebok
- b. The one who works with Sonata

- c. The one who works with Puma
- d. Can't be determined
- e. None of these

Question 191: E works at which of the following shops?

- a. Reebok
- b. Puma
- c. Liberty
- d. Nike
- e. None of these

Question 192: Who among the following lives just below the one who works with Nike?

- a. C
- b. E
- c. F
- d. A
- e. None of these

Question 193:

How many persons live between the one who works in Sonata and the one who works in Puma?

- a. Four
- b. Two
- c. Three
- d. One
- e. None of these

Question 194: Which of the following statements is true?

- a. G does not live on the topmost floor.
- b. The one who works in Sonata live on the fifth floor.
- c. E works is Liberty shop and lives on the fourth floor.
- d. B works in Nike and lives on the fourth floor.
- e. None of these

Question 195: The greatest number which on dividing 1657 and 2037 leaves remainders 6 and 5 respectively, is:

- a. 123
- b. 127
- c. 235
- d. 305
- e. None of these

Question 196: This matter has been *hanging fire* for the last many months and must therefore be decided one way or the other.

- a. going on slowly
- b. hotly debated
- c. stuck up
- d. ignored
- e. None of these

Question 197:

Look carefully for the pattern, and then choose which pair of numbers comes next.

- a. 10 12
- b. 35 32
- c. 34 9
- d. 35 10
- e. 10 52

Question 198: which word does not belong with the others?

- a. Vision
- b. Retina
- c. Cornea
- d. Pupil
- e. None of these

Question 199: In analogy, you are required to guess the function relation between the two given words and find the similar relation between the words given in any of the option.

CUP : LIP :: BIRD :

- a. GRASS
- b. BUSH
- c. BEAK
- d. FOREST
- e. ORANGE

Question 200: Three solid cubes of sides 1 cm, 6 cm and 8 cm are melted to form a new cube. Find the surface area of the cube so formed.

- a. 729
- b. 486
- c. 125
- d. 529
- e. None of these

Answer key

1. Answer: b. Rs 400
2. Answer: d. 700 apples
3. Answer: b. 4 years
4. Answer: b. 6 litres, 6 litres
5. Answer: b. 18 cm

6. Answer: b. Only II follows
7. Answer: b. only assumption II is implicit
8. Answer: b. Only argument II is strong
9. Answer: d. direction
10. Answer: b. soup

11. Answer: b. 28
12. Answer: a. 15
13. Answer: d. crop
14. Answer: a. JAK
15. Answer: a. UAV

16. Answer d. Square should not change.
17. Answer: d. 14
18. Answer: b. 2 only
19. Answer: a. 1
20. Answer: d.4

21. Answer: a. 50 km
22. Answer: b. 240m
23. Answer:b.70%
24. Answer: b. 20 : 49 : 64
25. Answer: d. Neither I nor II follows

26. Answer: d. Rs. 14,700
27. Answer: a. We discussed about the problem so thoroughly
28. Answer: d. Father
29. Answer: b. $Q * N * M + P$
30. Answer: a. $N \beta P - L + E - M$

31. Answer: c. $C @ B \% F \% E$
32. Answer: a. 35
33. Answer: b. 4374
34. Answer: d. Horse
35. Answer: c. Archaeology

36. Answer: c. North
37. Answer: c. R
38. Answer: d. Pintu
39. Answer: d. South-West
40. Answer: b. Rs. 13, Rs. 17

41. Answer: d. 4
42. Answer: d. 16
43. Answer: a. Chicken
44. Answer: d. Ayurveda
45. Answer: d. 4

46. Answer: c. 3
47. Answer: b. 2
48. Answer: b. 2
49. Answer: d. 4
50. Answer: d. 4

51. Answer: c. 3
52. Answer: c. Russia
53. Answer: c. 8
54. Answer: d. 6
55. Answer: b. X

56. Answer: b. Rs.2500
57. Answer: d. 180°
58. Answer: b. 10°
59. Answer: c. 44
60. Answer: c. Friday

61. Answer: c. 85 kg
62. Answer: b. Rs. 15
63. Answer: b. 100
64. Answer: b. 427
65. Answer: a. 2

66. Answer: a. 1
67. Answer: d. QSRP
68. Answer: c. Tiny
69. Answer: d. Terminated
70. Answer: a. Influx

71. Answer: d. Obese
72. Answer: c. Dignified
73. Answer: a. 4
74. Answer: a. 213444
75. Answer: d. 12
76. Answer: c. 54
77. Answer: b. 18.5
78. Answer: a. 634
79. Answer: b. rug
80. Answer: a. layer : tier
81. Answer: d. senate office building remodeling.
82. Answer: d. restaurant
83. Answer: d. South-West
84. Answer: d. Mother
85. Answer: d. Neither (1) nor (2) follows
86. Answer: b. 1, 3 and 4 only
87. Answer: c. 38
88. Answer: c. 10 km
89. Answer: c. Niece
90. Answer: b. 2, 3, 1, 5, 4
91. Answer: c. 3
92. Answer: c. 24
93. Answer: a. 1951609
94. Answer: c. 36
95. Answer: b. Saturday
96. Answer: d. 54 years
97. Answer: a. 36000
98. Answer: a. Rs. 10240
99. Answer: b. 990
100. Answer: b. 20%
101. Answer: d. 105
102. Answer: c. To confess without of reserve
103. Answer: c. Ominous
104. Answer: b. Rash
105. Answer: b. 556920

106. Answer: 1. 14 years
107. Answer: d. 54 years
108. Answer: a. 23 years
109. Answer: d. 924,838
110. Answer: a. To do the right thing
111. Answer: Treacherous means guilty of or involving betrayal or deception.
112. Answer: c. hell bent upon getting
113. Answer: a. 11 5
114. Answer: b. P is the maternal uncle of A
115. Answer: a. To oppose with determination
116. Answer: b. Archaeology
117. Answer: Treacherous means guilty of or involving betrayal or deception.
118. Answer: c. hell bent upon getting
119. Answer: a. 11 5
120. Answer: b. P is the maternal uncle of A
121. Answer: a. To oppose with determination
122. Answer: b. Archaeology
123. Answer: a. Only I follows
124. Answer: d. Glossary
125. Answer: c. 5, 6, 2, 3, 4, 1
126. Answer: b. Daughter's-in-law
127. Answer: e. Both the statements I and II are effects of some common cause.
128. Answer: b. 33 35
129. Answer: a. rye
130. Answer: a. As it seems at first sight
131. Answer: d. 100 days
132. Answer: e. VCBA
133. Answer: c. Gravitation
134. Answer: 222
135. Answer: b. 622
136. Answer: c. Georgia hates to lose at Monopoly.
137. Answer: b. Only assumption II is implicit
138. Answer: b. fiction
139. Answer: b. edit : manuscript
140. Answer: c. 85 kg

141. Answer: d. I or II or III
142. Answer: a. My wife got
143. Answer: c. 9600
144. Answer: e. Both I and II are necessary to answer
145. Answer: 2. Rs 91
146. Answer: c. 195
147. Answer: e. 35421
148. Answer: a. 20 m
149. people came to know that he was annoyed
150. Answer: d. 20 years
151. Answer: 3. Rs 1500
152. Answer: b. 72
153. Answer: d. the divine qualities in man
154. Answer: c. selfishness and materialism of the people
155. Answer: b. spiritual transformation of life
156. Answer: d. an idealistic notion of the human self
157. Answer: b. become power hungry
158. Answer: a. 345.6
159. Answer: b. The batsman did not try to hit the ball. hence the slip fielder cannot catch the ball
160. Answer: a. U and T
161. Answer: b. MKLP
162. Answer: a. VPGUGTR
163. Answer: d. and tension-free as compared to earlier
164. Answer: b. 15432
165. Answer: d. Rs 132
166. Answer: d. emergence of sectional interests in organizations
167. Answer: b. growth with input from science and technology
168. Answer: c. attracting highly qualified personnel
169. Answer: a. organic system
170. Answer: a. ignorant and incompetent
171. Answer: a. Sharad
172. Answer: Grandmother
173. Answer: 2. 15
174. Answer: d. 25143
175. Answer: a. 62.5 Loss

176. Answer: d. ignored me
177. Answer: b. 2.5 km/hr
178. Answer: c. UVXY
179. Answer: a. Grandson
180. Answer: c. they wish to save their vigour for other things
181. Answer: d. more from hyenas than from other animals
182. Answer: c. with their cubs and male partners
183. Answer: b. cautious
184. Answer: a. 85
185. Answer: c. 81
186. Answer: c. F, L
187. Answer: d. Computer science
188. Answer: c. D, L, F
189. Answer: c. SMU
190. Answer: b. PTU
191. Answer: a. 12 :15 :10
192. Answer: b. INVERTIBRATE
193. Answer: c. IDOVH
194. Answer: e. All the above
195. Answer: b. The one who works with Sonata
196. Answer: c. Liberty
197. Answer: a. C
198. Answer: c. Three
199. Answer: d. B works in Nike and lives on the fourth floor.
200. Answer: b. 127
201. Answer: a. going on slowly
202. Answer: d. 35 10
203. Answer: a. Vision
204. Answer: c. BEAK
205. Answer: a. 729

SOLUTIONS:

Solution 1:

A can do a job in 6 days: $A=6$.

B can do a job in 8 days: $B=8$.

6&8 LCM is 24.

Now, $6 * 4 = 24(A)$. $8 * 3 = 24(B)$.

$A + B + C = 3$ Days, $3 * 8 = 24(A+B+C)$.

If $A+B+C=8$ and A is 4 And B is 3.

So, $(4-3 = 1:C) : C=1$.

Now ratio will be 4:3:1.

And C =400.

Solution 2:

$x = 420 + (x * 40 / 100)$.

$x = 420 + (x * 4 / 10)$.

$6x = 4200$.

$x = 700$.

Solution 3:

$81 = 450 * 4.5 * \text{time} / 100$.

$81 * 100 = 450 * 4.5 * \text{time}$.

$8100 = 2025 * \text{time}$.

Time = $8100 / 2025 = 4$ year.

Solution 4:

The initial ratio of water to milk in can 1 is 1:3.

Initial ratio of water to milk in can 2 is 1:1.

If we add both then we get the ratio of water to milk 2:4.

It is said that this ratio becomes 3:5.

So from 2:4, it becomes 3:5.

As we can see there is an equal amount of change $3-2 = 1$ and $5-4 = 1$.

Therefore the quantity also should be in the ratio of 1:1.

Hence the answer is 6:6.

Solution 5:

Suppose $5x$ and $1x$.

Perimeter = $2(L*b)$.

$2(5x+1x)=216$,

$2(6x)=216$,

$12x=216$,

$X=18\text{cm}$.

Solution 6:

Clearly, the non-infected persons should not be debarred from visiting India. So, only course II follows.

Solution 7:

The employees' reaction to the new decision cannot be deduced from the statement. So, I is not implicit. However, II denotes the most probable consequence of the new decision. So, II is implicit.

Solution 8:

Clearly, argument I is vague because at present too, many fields are open to all after graduation. However, eliminating the post-graduate courses would abolish higher and specialized studies which lead to understanding things better and deeply. So, argument II is valid.

Solution 9:

An odometer is an instrument used to measure mileage. A compass is an instrument used to determine direction. Choices a, b, and c are incorrect because none is an instrument.

Solution 10:

Coffee goes into a cup and soup goes into a bowl. Choices a and c are incorrect because they are other utensils. The answer is not choice d because the word food is too general.

Solution 11:

This is a simple subtraction series. Each number is 6 less than the previous number.

$58-52 = 6$.

$52-46 = 6$.

$46-40 = 6$.

$40-34 = 6$.

$34-28 = 6$.

Solution 12:

$31 - 2 = 29$,

$29 - 5 = 24$,

$24 - 2 = 22$,

$$22 - 5 = 17,$$

$$17 - 2 = 15.$$

Solution 13:

To harvest something, one must have a crop, which is the essential element for this item. Autumn (choice a) is not the only time crops are harvested. There may not be enough of a crop to stockpile (choice b), and you can harvest crops without a tractor (choice c).

Solution 14:

The middle letters are static, so concentrate on the first and third letters. The series involves an alphabetical order with a reversal of the letters. The first letters are in alphabetical order: F, G, H, I, J. The second and fourth segments are reversals of the first and third segments. The missing segment begins with a new letter.

Solution 15:

In this series, the third letter is repeated as the first letter of the next segment. The middle letter, A, remains static. The third letters are in alphabetical order, beginning with R.

Solution 16:

All four segments use the same figures: two squares, one circle, and one triangle. In the first segment, the squares are on the outside of the circle and triangle. In the second segment, the squares are below the other two. In the third segment, the squares are on the inside. In the fourth segment, the squares are above the triangle and circle.

Solution 17:

The simplest triangles are AHG, AIG, AIB, JFE, CJE and CED i.e. 6 in number.
The triangles composed of two components each are ABG, CFE, ACJ and EGI i.e. 4 in number.
The triangles composed of three components each are ACE, AGE and CFD i.e. 3 in number.
There is only one triangle i.e. AHE composed of four components.
Therefore, There are $6 + 4 + 3 + 1 = 14$ triangles in the given figure.

Solution 18:

The fig. (X) is similar to the Form III. So, when the sheet in fig. (X) is folded to form a cube, then 'F' appears opposite 'B', 'E' appears opposite 'C' and 'A' appears opposite 'D' Therefore, the cube in fig. (1) which shows 'F' adjacent to 'B' the cube in fig. (3) which shows 'E' adjacent to 'C' and the cube in fig. (4) which shows 'A' adjacent to 'D' cannot be formed. Hence, only the cube in fig.(2) can be formed.

Solution 19:

One, two, three, one, two, three.....arcs get inverted sequentially. This inversion takes place in an ACW direction.

Solution 20:



Solution 21:

Let the time be x hours

According to the question;

$$14x - 10x = 20$$

$$4x = 20$$

$$x = 5 \text{ hours.}$$

His actual speed is 10 km/h.

So, the actual distance is $10 * 5 = 50$ km.

Solution 22:

$$D = S \times T.$$

$$D = (54x 5 * 18) \times (36 - 20).$$

$$D = 15 \times 16.$$

$$D = 240 \text{m/s.}$$

Solution 23:

Let $C_p = 100$.

$$\text{Gain} = 320$$

$$SP = 420$$

Now;

$$\text{Gain\%} = \text{Gain} \div sp * 100.$$

$$= 320 - 125 / 420 * 100.$$

$$= 295 / 420 * 100$$

$$= 29500 \div 420$$

$$= 70\%.$$

Solution 24:

Investment = profit/time.

Profit ratios = 5:7:8.

Time ratios = 14:8:7

$$5/14, 7/8, 8/7$$

The lcm of 14, 8, 7 = 56.

$$14 * 4 = 56 \text{ then } 5 * 4 = (20).$$

$$8 * 7 = 56 \text{ then } 7 * 7 = (49).$$

$$7 * 8 = 56 \text{ then } 8 * 8 = (64).$$

Solution 25:

Since one premise is negative, the conclusion must be negative. So, neither conclusion follows.

Solution 26:

$$x + x + 5000 + x + 9000 = 50000.$$

Here x means $c = 12000$.

So,

$$B's \text{ share is } 5000 + 12000 = 17000.$$

$$A's \text{ share is } 9000 + 12000 = 21000.$$

Therefore the ratio is 21:17:12.

Solution 27:

We discussed the problem so thoroughly

Solution 28:

The boy in the photograph is the only son of the son of Suresh's mother i.e., the son of Suresh.
Hence, Suresh is the father of boy.

Solution 29:

Only Option B satisfies the condition correctly.

Solution 30:

$N \beta P \rightarrow N$ is the brother of P

$P - L \rightarrow P$ is the sister of L

$L + E \rightarrow L$ is the mother of E

$E - M \rightarrow E$ is the sister of M .

Hence, L is the mother of M , P is the maternal aunt of M and N is the maternal uncle of M .

Solution 31:

$C @ B \rightarrow C$ is the sister of B

$B \% F \rightarrow B$ is the son of F

Hence, $\rightarrow C$ is the daughter of F

$F \% E \rightarrow F$ is the son of E

Hence, $\rightarrow C$ is the granddaughter of E .

Solution 32:

The pattern is - 21, - 19, - 17, - 15,.....

So, missing term = $48 - 13 = 35$.

Solution 33:

$2 + 2 = 4 + 2 = 6$,

$6 + 6 = 12 + 6 = 18$,

$18 + 18 = 36 + 18 = 54$,

$54 + 54 = 108 + 54 = 162$,

$162 + 162 = 324 + 162 = 486$,

$486 + 486 = 972 + 486 = 1458$,

$1458 + 1458 = 2916 + 1458 = 4374$.

Solution 34:

As cat has Paw similarly Horse has Hoof.

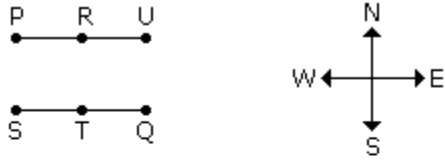
Solution 35:

As Ornithologist is a specialist of Birds similarly Archaeologist is a specialist of Archaeology.

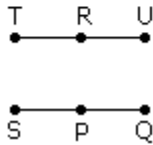
Solution 36:



Solution 37:

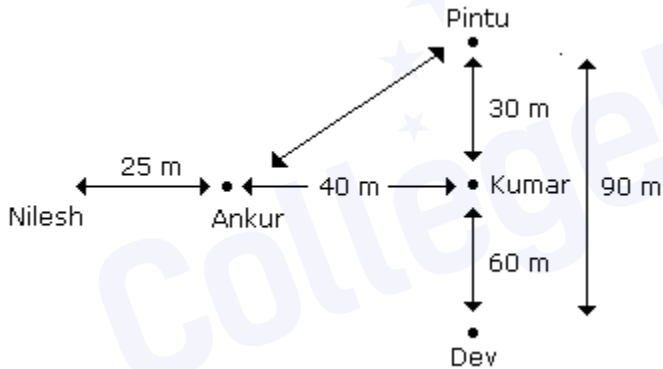


Interchanging flats P and T



Hence flat R will be next to U.

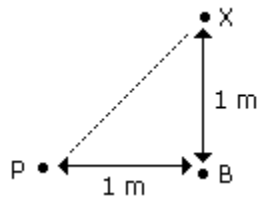
Solution 38:



Ankur is in the left of Kumar. Hence Pintu is in North-East of Ankur.

Solution 39:

According to $X @ B * P$



Hence P is in South-West of X.

Solution 40:

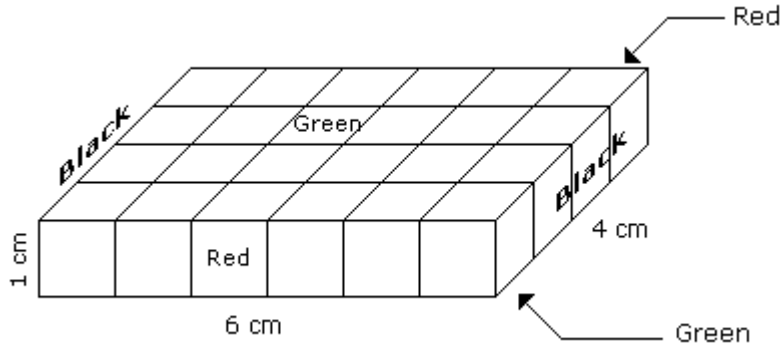
Let Rs. x be the fare of city B from city A and Rs. y be the fare of city C from city A.

Then, $2x + 3y = 77 \dots(i)$ and $3x + 2y = 73 \dots(ii)$

Multiplying (i) by 3 and (ii) by 2 and subtracting, we get: $5y = 85$ or $y = 17$.

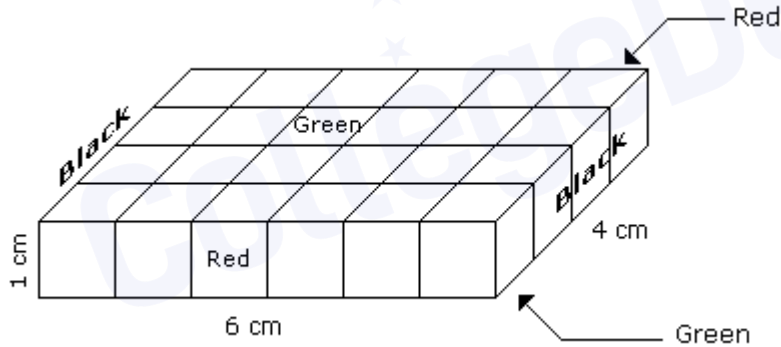
Putting $y = 17$ in (i), we get: $x = 13$.

Solution 41:



Such cubes are related to the corners of the cuboid. Since the number of corners of the cuboid is 4. Hence, the number of such small cubes is 4.

Solution 42:



Number of small cubes which are Black and Green is 8 in all. Hence, the number of remaining cubes are $= 24 - 8 = 16$

Solution 43:

All except Chicken can live in water.

Solution 44:

All except Ayurveda are names of holy scriptures, the four Vedas. Ayurveda is a branch of medicine.

Solution 45:

In a mirror image top and bottom of an image does not change but LHS (Left Hand side) of a real image becomes RHS (Right Hand Side) in mirror image and RHS is real image become LHS in mirror image.

Water image is just a reflection where top and bottom part of the images changed where left and right side of image remain same.

Solution 46:

No answer description is available.

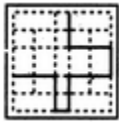
Solution 47:

No answer description is available.

Solution 48:

No answer description is available.

Solution 49:



Solution 50:

In fig. (X), one of the dots lies in the region common to the circle and the square only and the other dot lies in the region common to all the three figures -the circle, the square and the triangle. In each of the alternatives (1), (2) and (3), there is no region common to the square and the circle only. Only fig. (4) consists of both the types of regions.

Solution 51:

In fig. (X), the dot is contained in the region common to the triangle and the circle only. Out of the four alternatives, only fig. (3) contains a region common to the triangle and the circle only.

Solution 52:

Peacock is national bird of India similarly Bear is national animal of Russia

Solution 53:

The symbols of the adjacent faces to the face with symbol * are @, -, + and \$. Hence the required symbol is 8.

Solution 54:

In first two positions of dice one common face containing 5 is same. Therefore according to rule no. (3) the face opposite to the face which contains 2 point, will contains 6 points.

Solution 55:

• • • • • •
 P X S Z R A

Therefore, right of P is X.

Solution 56:

Let the CP=5x and the MP=7x

$$7x \cdot 90/100 - 450 - 5x = 5x \cdot 8/100$$

$$6.3x - 450 - 5x = 0.4x \quad 0.9x = 450, \quad x = 500$$

$$CP = 5 \cdot 500 = \text{Rs. } 2500$$

Solution 57:

$$12 \text{ hr} = 360^\circ.$$

To complete 12 hr it takes 360° .

So for 1 hr = 30° .

The difference of time between 8 to 2 is 6 hr.

$$\text{So, } 6 \text{ hr} \cdot 30^\circ = 180^\circ.$$

Solution 58:

For 1 min the Hr hand moves 0.5,

So, the angle between Hr and Min hand is =0,

Since Min Hand moves 20 mins. We have $20 \cdot 0.5 = 10$.

$$\text{Therefore } 0 + 10 = 10.$$

Solution 59:

In 12 hours, the hands coincide or are in opposite direction 22 times.

In 24 hours, the hands coincide or are in opposite direction 44 times a day.

Solution 60:

On 31st December, 2005 it was Saturday. Number of odd days from the year 2006 to the year 2009 = $(1 + 1 + 2 + 1) = 5$ days. On 31st December 2009, it was Thursday. Thus, on 1st Jan, 2010 it is Friday.

Solution 61:

$$\text{Total weight increased} = (8 \times 2.5) \text{ kg} = 20 \text{ kg.}$$

$$\text{Weight of new person} = (65 + 20) \text{ kg} = 85 \text{ kg.}$$

Solution 62:

20 rs is the face value of share which invest % dividend implies 1.8 rs on face 20 rs face value for what market value does a person get 12% interest.

$$\text{Interest formula is: } \frac{\text{Earning}}{\text{Investment (here market value)}} \cdot 100 = 12\%.$$

$$= \frac{1.8 \cdot 100}{x} = 12.$$

$$x = 15 \text{ rs.}$$

Solution 63:

The pattern is 23, 33, 43, 53, 63, 73. But, 100 is not a perfect cube.

Solution 64:

In each number except 427, the middle digit is the sum of other two.

Solution 65:

What least number must be added to 1056

$$=1056+2= 1058.$$

So that the sum is completely divisible by 23?

$$1058 \div 23 = \text{remainder is } 0.$$

So, the answer is 2.

When we add to.. Then this value is divisible by 23.

Solution 66:

I could not put up at a hotel

Solution 67:

No answer description is available.

Solution 68:

No answer description is available.

Solution 69:

No answer description is available.

Solution 70:

No answer description is available.

Solution 71:

No answer description is available.

Solution 72:

No answer description is available.

Solution 73:

Required number = H.C.F. of $(91 - 43)$, $(183 - 91)$ and $(183 - 43)$ = H.C.F. of 48, 92 and 140 = 4.

Solution 74:

L.C.M. of 21, 36, 66 = 2772.

$$\text{Now, } 2772 = 2 \times 2 \times 3 \times 3 \times 7 \times 11$$

To make it a perfect square, it must be multiplied by 7×11 .

$$\text{So, required number} = 22 \times 32 \times 72 \times 112 = 213444$$

Solution 75:

Let x be the number of hours taken by the second pump.

A : B

Pump 3 : 4

Days 2 : 1

Hours 8 : x

Hour taken by B,

$$3 \times 2 \times 8 = 4 \times 1 \times x.$$

$$48 = 4x.$$

$$x = 12.$$

Solution 76:

Each of the numbers except 54 is multiple of 5.

Solution 77:

The terms are alternatively multiplied by 1.5 and divided by 3. However, 18.5 does not satisfy it.

Solution 78:

Alternatively 23 is added and 17 is subtracted from the terms. So, 634 is wrong.

Solution 79:

The couch, table, and chair are pieces of furniture; the rug is not.

Solution 80:

The total of the three programs (2 million + 0.5 million + 3 million) is 5.5 million. That leaves 1.5 million (7 million - 5.5 million), and the only single program needing that amount is the senate office building remodeling.

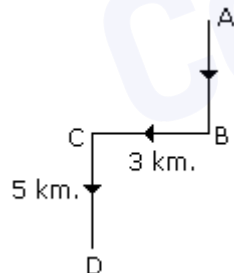
Solution 81:

senate office building remodeling.

Solution 82:

A gym is a place where people exercise. A restaurant is a place where people eat. Food (choice a) is not the answer because it is something people eat, not a place or location where they eat. The answer is not choice b or c because neither represents a place where people eat.

Solution 83:



Hence required direction is South-West.

Solution 84:

A \$ B → A is the brother of B

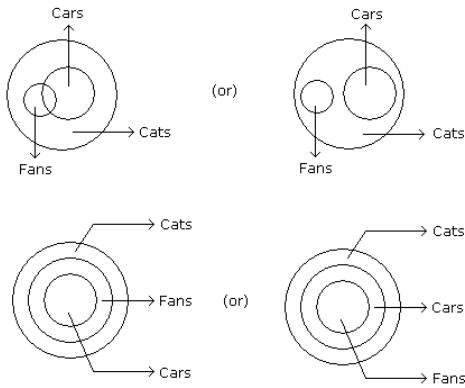
B * C → B is the son of C

Hence, → A is the son of C

C @ D → C is the wife of D

Hence, → C is the mother of A.

Solution 85:



None of these two follows.

Solution 86:

1) the upper shaded region and dot are opposite.

2) the lower shaded region and dot are adjacent (side by side)

Now, option 1 is right because one shaded region is opposite that is in down face and the adjacent can be anywhere at the back.

Option 2 is wrong because one shaded region must be present opposite to the dot but as we see both are adjacent to the dot.

Option 3 is also right because one shaded region is adjacent and other may be present opposite to the dot.

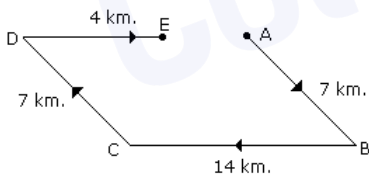
Option 4 is exactly like a mirror image of option three here now dot is hidden and shaded part is visible.

Solution 87:

$$(0 + 2 + 6 + 4) - 2 = 10 \text{ and } (6 + 2 + 10 + 8) - 2 = 24$$

$$\text{Therefore, } (4 + 14 + 12 + 10) - 2 = 38.$$

Solution 88:



$$\begin{aligned} \text{Required distance} &= AE \\ &= 14 - 4 \\ &= 10 \text{ km.} \end{aligned}$$

Solution 89:

The man is the only son of the mother of the woman. Hence, the man is the maternal uncle of the woman. So, the woman is the niece of the man.

Solution 90:

The correct order is :

Rain	Sun	Rainbow	Child	Happy
2	3	1	5	4

Solution 91:

In each step, one line segment is lost from the CW-end of the outer element and a new line segment appears at the ACW-end. Also, the inner 'L' shaped element rotates 90° CW in each step.

Solution 92:

The squares composed of two components each are BNQM, CORN, DPSO, MQTL, NRUQ, OSVR, PFWS, QUJT, RVIU and SWHV i.e. 10 in number. The squares composed of four components each are ABQL, BCRQ, CDSR, DEFS, LQJK, QRIJ, RSHI and SFGH i.e. 8 in number. The squares composed of eight components each are BRJL, CSIQ and DFHR i.e. 3 in number. The squares composed of sixteen components each are ACIK, BDHJ and CEGI i.e. 3 in number. Thus, there are $10 + 8 + 3 + 3 = 24$ squares in the figure.

Solution 93:

$$\begin{aligned}
 1397 \times 1397 &= (1397)^2 \\
 &= (1400 - 3)^2 \\
 &= (1400)^2 + (3)^2 - (2 \times 1400 \times 3) \\
 &= 1960000 + 9 - 8400 \\
 &= 1960009 - 8400 \\
 &= 1951609.
 \end{aligned}$$

Solution 94:

speed = distance/time.
 speed = $120/20$,
 then speed = 10 m/sec,
 So, $10 \times 18/5$.
 Then the answer is 36 km/hr.

Solution 95:

Each day of the week is repeated after 7 days.
 So, after 63 days, it will be Monday. After 61 days, it will be Saturday.

Solution 96:

Ratio of present ages of Sri and Gowtham = 3: 4 (3x, 4x)
 Mahesh = Sri + 6 = $3x + 6$
 Mahesh = Gowtham - 2 = $4x - 2$
 According to the question,
 $3x + 6 = 4x - 2$
 $4x - 3x = 8$ X = 8
 Present age of Sri = $3x = 24$ years
 Present age of Mahesh = $24 + 6 = 30$ years
 Required sum = $24 + 30 = 54$ years

Solution 97:

$$10P/100 = 30Q/100 \text{ ---1}$$

$$20Q/100 = 40R/100 \text{ ---2}$$

From 1, $P = 3Q$ From 2, $Q = 2R$ (Here, $R = 4000$)

$$Q = 2 \times 4000 = 8000 \quad P = 3Q = 3 \times 8000 = 24000 \quad \text{Hence } P+Q+R = 24000+8000+4000 = 36000$$

Therefore the total income is Rs.36000

Solution 98:

$$31250 = P [1 + (25 / 100)]^5$$

$$31250 = P (125 / 100)^5$$

$$31250 (4 / 5)^5 = P = (31250 \times 16 \times 16 \times 4) / (25 \times 25 \times 5) = \text{Rs. } 10240$$

Solution 99:

Total number of digits = (No. of digits in 1- digit page nos. + No. of digits in 2-digit page nos. + No. of digits in 3- digit page nos.) = $(1 \times 9 + 2 \times 90 + 3 \times 267) = (9 + 180 + 801) = 990$.

Solution 100:

Percentage of candidates failed is,

$$= 50 + 40 - 10 = 80 \quad \text{Percentage failed in current affairs or aptitude or both} = 80\%$$

$$\text{Hence percentage passed} = (100 - 80) \% = 20\%$$

Solution 101:

$$SI = PTR/100$$

$$P = 100 \times SI / TR = 100 \times 100 / 20 = 500$$

$$\text{Amount} = (p \times (1 + R/100)^n) = 500(1 + 10/100)^2$$

$$= 500(110/100)^2 = 500(11/10)^2$$

$$= 500 \times 11/10 \times 11/10$$

$$= 60500/100 = \text{RS } 605 \quad CI = \text{Rs } (605 - 500) = \text{Rs. } 105$$

Solution 102:

It means to speak openly and honestly. Eg. I decided to make a clean breast of it/things and admit that I was to blame.

Solution 103:

Ominous: Giving the impression that something bad or unpleasant is going to happen; threatening; inauspicious.

Solution 104:

Reckless means heedless or impulsive. So here Rash is the correct option.

Solution 105:

Total number of valid votes = $(75/100) \times 884000 = 663000$ Percentage of votes polled in favour of Raghu = 84% Therefore, the number of valid votes polled in favour of Raghu = 84% of 663000 = $84/100 \times 663000 = 556920$

Solution 106:

Let the son's present age be x years. Then, $(38 - x) = x$

$$2x = 38. \quad x = 19. \quad \text{Son's age 5 years back } (19 - 5) = 14 \text{ years.}$$

Solution 107:

Rohit – Agila = 17

8 years hence, The ratio of Rohit and Agila = 2 : 1 (2x, x)

Present age of Rohit and Agila = 2x – 8, x – 8

According to the question,

$2x - x = 17$ Present age of Rohit = $2x - 8 = 26$

Present age of Rohit's mother = $26 + 28 = > 54$ years

Solution 108:

Ayush's present age = 10 years. His mother's present age = (10 + 20) years = 30 years.

Ayush's father's present age = (30 + 5) years = 35 years. Ayush's father's age at the time of

Ayush's birth = (35 - 10) years = 25 years. Therefore Ayush's father's age at the time of marriage

= (25 - 2) years = 23 years.

Solution 109:

Let the two parts Rs.x and Rs.(1762 – x)

$X(1+5/100)^5 = (1762 - x)(1+5/100)^7$

$x/1762 - x = (1+5/100)^7 / (1+5/100)^5$

$x / 1762 - x = (1+5/100)^2$

$x / 1762 - x = (105/100)^2$

$x / 1762 - x = (21/20)^2$

$x / 1762 - x = 21*21/20*10 = 441/400$

$400x = 441(1762 - x)$

$400x = 777042 - 441x$

$841x = 777042$

$X = 923.9 = 924$

So the 2 parts are Rs.924 and 838

Solution 110:

To do exactly the right thing; to do something in the most effective and efficient way.

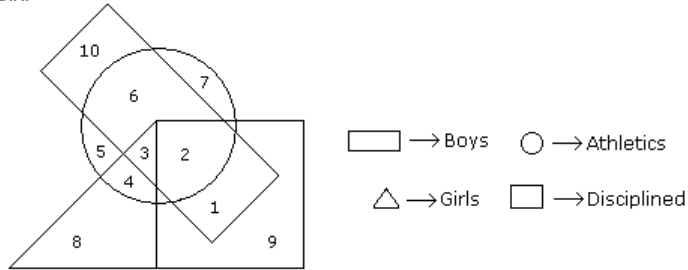
Solution 111:

Treacherous means guilty of or involving betrayal or deception.

Solution 112:

hell bent upon getting

Solution 113: In the following diagram the boys who are athletic and are disciplined are indicated by which number?



- a. 1
- b. 2
- c. 10
- d. 6
- e. 9

Solution 114:

This is an alternating subtraction series with the interpolation of a random number, 5, as every third number. In the subtraction series, 3 is subtracted, then 4, then 3, and so on.

Solution 115: C and Q are sisters and A is the son of C. Hence, C is the mother of A or Z is the mother Q. Hence, Z is the maternal grandmother of A. P is the son of Z. Hence, P is the maternal uncle of A.

Solution 116:

"to set ones face against " --to keep a face against others. Here agonist says or reveals that it is to "OPPOSE". And by elimination method, we can clear all the options except one.

Solution 117:

Archaeology

Solution 118:

The step discussed in the statement would surely give a boost to hardware industry and help our country to stand apart in this field. Thus, only I follows.

Solution 119:

An alphabetical list of words relating to a specific subject, text, or dialect, with explanations; a brief dictionary.

Solution 120:

The correct order is : 5. Advertisement, 6. Application, 2. Interview, 3. Selection, 4. Appointment, 1. Probation

Solution 121:

Since E is the brother of B. Therefore, A is the father of E. but D is the wife of E.Hence, D is the daughter-in-law of A.

Solution 122:

If certain preventive measures are practiced at the rural and semi urban areas the problem will be solved. But if the same is not practiced even at the cities the problem may roll into the city also, so the two effects are of some common cause.

Solution 123:

In this alternating repetition series, a random number, 33, is interpolated every third number into a simple addition series, in which each number increases by 2.

Solution 124:

Loaf, sourdough, and pumpernickel are types of bread. A rye is not a bread type.

Loaf - Bread that is shaped and baked in one piece and usually sliced before being eaten.

Pumpernickel - Dark, dense German bread made from coarsely ground whole-grain rye.

Sourdough - Leaven for making bread, consisting of fermenting dough, typically that left over from a previous batch.

Rye - A wheatlike cereal plant that tolerates poor soils and low temperatures.

Solution 125:

As it seems at first sight

Solution 126:

Less cats, more days

(Indirect Proportion)

Less mice, less days

(Direct Proportion)

Let the required number of days be x .

$$\left. \begin{array}{l} \text{Cat} \quad 4 \quad : \quad 100 \\ \text{Mice} \quad 100 \quad : \quad 4 \end{array} \right\} :: x : 100$$

$$\therefore 100 \times 4 \times x = 4 \times 100 \times 100 \quad \text{or} \quad x = \left(\frac{4 \times 100 \times 100}{100 \times 4} \right) = 100.$$

Solution 127:

In all other groups, the first letter is a vowel followed by three consecutive letters.

Solution 128:

As effect of Ice is coldness similarly the effect of Earth is gravitation.

Solution 129:

$$\text{As, } 68 = (4)^3 + 4$$

$$130 = (5)^3 + 5$$

$$\text{and } 350 = (7)^3 + 7$$

$$\text{Therefore, } ? = (6)^3 + 6 = 222$$

Solution 130:

$$(915 - 364) = 551$$

$$(789 - 543) = 246$$

$$(863 - 241) = 622.$$

Solution 131:

If Georgia is older than Marsha and Bart is older than Georgia, then Marsha has to be the youngest of the three. Choice b is clearly wrong because Bart is the oldest. There is no information in the paragraph to support either choice a or choice c.

Solution 132:

Only assumption II is implicit

Solution 133:

The necessary part of a book is its pages; there is no book without pages. Not all books are fiction (choice a), and not all books have pictures (choice c). Learning (choice d) may or may not take place with a book

Solution 134:

To tailor a suit is to alter it; to edit a manuscript is to alter it.

Solution 135:

Total weight increased = $(8 \times 2.5) \text{ kg} = 20 \text{ kg}$.
Weight of new person = $(65 + 20) \text{ kg} = 85 \text{ kg}$.

Solution 136:

Clearly, I only gives the answer. Similarly, II only gives the answer. And, III only gives the answer. Correct answer is (D).

Solution 137:

My wife got

Solution 138:

Greatest number of 4-digits is 9999. L.C.M. of 15, 25, 40 and 75 is 600. On dividing 9999 by 600, the remainder is 399. Required number $(9999 - 399) = 9600$.

Solution 139:

$$\text{Time taken by train to cross a man} = \frac{\text{Length of train}}{\text{Speed of train}} \Rightarrow \text{Speed} = \frac{l}{9} \dots(i)$$

$$\text{Time taken by train to cross a platform} = \frac{(\text{Length of train} + \text{Length of platform})}{\text{Speed of train}} \Rightarrow \text{Speed} = \frac{l + 240}{24} \dots(ii)$$

$$\text{From (i) and (ii), we get } \frac{l}{9} = \frac{l + 240}{24}$$

Thus, l can be obtained. So both I and II are necessary to get the answer.

∴ The correct answer is (E).

Solution 140:

Let Pari's share = a, Let David's share = b, Let Farhath's share = c

$$a + b = 3(b + c) \text{ ---(1)}$$

$$a + b + c = 42 + a$$

$$\text{Therefore, } b + c = 42 \text{ ---(2)}$$

$$b = 5c \text{ ---(3)}$$

Substituting $b + c = 40$ from eqn 2 in eqn 1

$$a + b = 126 \text{ ---(4)}$$

Therefore, $a + b = 126 \text{ ---(4)}$

Substituting $b = 5c$ from eqn 3 in eqn 2

$$5c + c = 42 \quad c = 7$$

$$\text{From (2), } b = 42 - c = 42 - 7 = 35$$

$$a + b = 126, a + 35 = 126, a = 126 - 35 = 91$$

$$\text{So } a = 91, b = 35, c = 7$$

Solution 141:

$$105 = 0.7CP \text{ Or, } CP = 150$$

$$\text{So, } SP = 1.3CP = 1.3 \times 150$$

$$= 130 + 65 = \text{Rs } 195$$

Solution 142:

Neeta was given a medicine.

Solution 143:

Lets time ratio is; $A : B, A : B = 36:45 = 4:5.$

The speed ratio is; $A : B = 5 : 4.$

If a completes 100 with 5 units of speed, then B completes 80 with 4 units of speed.

Solution 144:

people came to know that he was annoyed

Solution 145:

Let the present ages of son and father be x and $(60 - x)$ years respectively.

$$\text{Then, } (60 - x) - 6 = 5(x - 6)$$

$$54 - x = 5x - 30$$

$$6x = 84 \quad x = 14.$$

$$\text{Son's age after 6 years} = (x + 6) = 20 \text{ years..}$$

Solution 146:

$$\text{Ratio of incomes of Arun and Babu} = 5 : 3 = 5x : 3x$$

$$\text{Ratio of expenses of Arun, Babu and Chandru} = 8y : 5y : 2y$$

$$\text{Chandru's expenditure} = 2y = 2000; y = 1000$$

$$\text{Therefore Arun's expenditure} = 8y = 8000$$

$$\text{Given that Babu's saving} = 700$$

$$3x - 5y = 700$$

$$3x = 700 + 5000$$

$$3x = 5700; x = 1900$$

$$\text{Arun's income} = 5x = 5 \times 1900 = 9500$$

$$\text{Arun's saving} = 9500 - 8000 = 1500$$

Solution 147:

$$\frac{40 \times 90}{(90 - 40)} = \frac{4 \times 90}{5}$$

= 72 days

Solution 148:
the divine qualities in man

Solution 149:
selfishness and materialism of the people

Solution 150:
spiritual transformation of life

Solution 151:
an idealistic notion of the human self

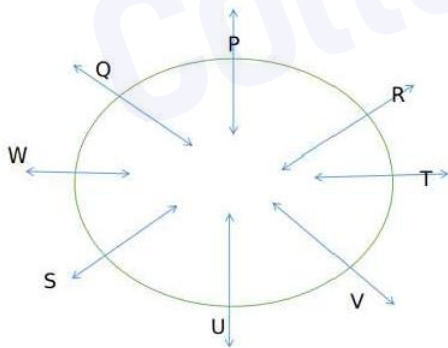
Solution 152:
become power hungry

Solution 153:

$$SI = \frac{1440 \times 3 \times 8}{100} = \text{Rs } 345.6$$

Solution 154:
The batsman did not try to hit the ball. hence the slip fielder cannot catch the ball

Solution 155:
We get the arrangement as :



U and T are adjacent to V

Solution 156:

Solution 157:
First we have to reverse the word RESERVE
We get E V R E S E R

Now $E+2 = G$, $V+2 = X$, $R+2 = T$, $E+2 = G$, $S+2 = U$, $E+2 = G$, $R+2 = T$
Similarly for PRESENT
we will get code as VPGUGTR

Solution 158:
and tension-free as compared to earlier

Solution 159:
I want my salary immediately.

Solution 160:
Let the share of one person be x then the share of other person is $x + 36$.
It is given that,
 $x / (x + 36) = 4 : 7$
 $7x = 4(x + 36)$
 $7x = 4x + 144$
 $3x = 144$; $x = 48$
And $(x + 36) = 48 + 36 = 84$
And therefore the sum is $84 + 48 = \text{Rs. } 132$

Solution 161:
emergence of sectional interests in organizations

Solution 162:
growth with input from science and technology

Solution 163:
attracting highly qualified personnel

Solution 164:
organic system

Solution 165:
ignorant and incompetent

Solution 166:
From 1st line we get :
Sharad > Ansh > Akshita
From 2nd we get
Akshita > Sneha
so we get
Sharad > Ansh > Akshita > Sneha
Hence Sharad is the tallest

Solution 167:
Grandfather's son will be B 's father
And A will be the grandmother of B .

Solution 168:

CONCEPT:

The distance between the school and house remains constant.

CALCULATION:

Let the distance between the school and house be 2 km.

The difference between the time taken by them is 10 minutes.

If Monica starts 5 minutes late, the amount of distance covered is the same, we can infer that they should have gone half the journey in order to negate the late start

Assuming they travel 1 km, we know that Monica takes 30 minutes to travel 2 km, therefore she will overtake Neha in 15 minutes.

Solution 169:

Hari did not run away

Solution 170:

Let CP = 100 \therefore SP = 150

Now, SP = 75 & CP = 200

So, Loss = 125 Loss% = $125/200 \times 100 = 62.5\%$

Solution 171:

It's simple because in the line itself describes that he gave me cold shoulder means he ignored me it's so simple you foolish, idiot, mad, stupid, you have all given wrong answers so just get the hell out of here.

Solution 172:

Time for going upstream = $3 \times$ Time for going downstream

The ratio of time for upstream to downstream = $3 : 1$

Since distance same, speed \propto (1/time)

The ratio of speed for upstream to downstream = $1 : 3$

Speed of boat = (upstream speed + downstream speed)/2 = $4/2$ units

Speed of boat = 2 units

2 units \rightarrow 5 km/hr

Speed of stream = (downstream speed - upstream speed)/2 = $2/2$ units

Speed of stream = 1 unit \rightarrow $5/2 = 2.5$ km/hr

\therefore The speed of stream is 2.5 km/hr.

Solution 173:

We have The slip fielder can catch a ball, only if the batsman is brought to the front foot and he tries to hit the ball

Now going through options

A cannot be inferred

option can be termed as negation of statement and can be inferred

Solution 174:

P\$Q means P is the father of Q

Now Q#R will mean Q is mother of R

So we can say R's mother's father is P

So R is either Grand daughter or Grand son of P

Now R@S means R is brother of S so R is a male so R is grandson of P

Solution 175:

they wish to save their vigour for other things

Solution 176:

more from hyenas than from other animals

Solution 177:

with their cubs and male partners

Solution 178:

cautious

Solution 179:

$210-195 = 15$; $195-175 = 20$; $175-150 = 25$; $150-120 = 30$

so we get next number as $120-35 = 85$

Solution 180:

REPTILE is a 7 letter word and we have $7^2 = 49$

Similarly snake is a 5 letter word and we have $5^2 = 25$

Therefore CROCODILE will be $9^2 = 81$

Solution 181:

F, L

Solution 182:

Computer science

Solution 183:

D, L, F

Solution 184:

SMU

Solution 185:

PTU

Solution 186:

Speed = Distance travelled ÷ time taken

So, for the same distance travelled, Speed is inversely proportional to time taken.

$Speed \propto \frac{1}{time\ taken}$

Given ratio of speeds of three cars is 5 : 4 : 6.

So, ratio of the time taken to travel same distance is $\frac{1}{5} : \frac{1}{4} : \frac{1}{6}$

= 12 : 15 : 10

Solution 187:

The letters in the first half and last half of the code are separately reversed to obtain the word.

So we get INVERTIBRATE as answer

Solution 188:

BCG is codes as EFJ, Each alphabet corresponds to the third alphabet to its right, so FALSE will be coded as IDOVH

Solution 189:

If I drive a car, then it is a BMW or a Skoda. From this statement all the given statements can be concluded, hence the correct answer is all of the above

Solution 190:

The one who works with Sonata

Solution 191:

Liberty

Solution 192:

C

Solution 193:

Three

Solution 194:

B works in Nike and lives on the fourth floor.

Solution 195:

Required number = H.C.F. of $(1657 - 6)$ and $(2037 - 5)$ = H.C.F. of 1651 and 2032 = 127.

Solution 196:

Hang fire - To delay or wait; to be delayed.

Example:

I think we should hang fire and wait for other information.

Our plans have to hang fire until we get planning permission.

Solution 197:

Here, there are two alternating patterns, one addition and one subtraction. The first starts with 2 and increases by 2; the second starts with 44 and decreases by 3.

Solution 198:

Retina, cornea and pupil are parts of a human eye, while vision is a functionality of an eye, hence it does not belong with others.

Solution 199:

Cup is used to drink something with the help of lips. Similarly birds collect grass with the help of beak to make her nest.

Solution 200:

Whenever some cubes are melted to form a single larger cube, the total volume always remains constant. So, Sum of the volumes of three small cubes = Volume of the larger cube. Let the side of the larger cube so formed be 'a' cm.

Then, $1^3 + 6^3 + 8^3 = a^3$

$a^3 = 729$

Surface area of cube so formed = $6 \cdot a^2 = 6 \times 9^2 = 6 \times 81 = 486 \text{ cm}^2$