

Examly Level 1 - Test 4

Q. How is Shubham related to Shivani? I)Shubham is brother of Meenal. Shivani is niece of Pooja. II) Neeraj is Meenal's uncle and Preeti's brother If data in the statement I alone is sufficient to answer the question.

Answer : If data given in both I & II together are not sufficient to answer the question.

Q. Given a set of numbers 1, 2, 3, ..., 125. If a number is chosen at random from the above set, what is the probability that the chosen number will be a perfect cube?

Answer : 1/25

Q. Find out best diagram which shows the relationship among these objects Society, Family, Members **CORRECT** Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. Solve the following equation $4x - 7(2-x) = 3x + 2$

Answer : 2

Q. A, B and C can do a piece of work in 6, 12 and 24 days respectively. In what time will they all together do it?

Answer : 3 (3/7)

Q. In the following questions choose the word which is the exact OPPOSITE of the given words. ENORMOUS

Answer : tiny

Q. In the question below is given a statement followed by several assumptions. An assumption is something supposed or taken for granted. You have to consider the statement along with the assumptions and then decide as to which of the assumptions is implicit in the statement. Statement : Radios are fast getting replaced by transistors. Assumption : I. Transistors are superior to radios. II. Government has banned manufacturing of radios.

Answer : Only (I) is implicit

Q. Common content Read the passage and answer the questions that follow Today perhaps your only association with the word 'polio' is the Sabin Oral Vaccine that protects children from the disease. Fifty five years ago this was not so. The dreaded disease, which mainly affects the brain and spinal cord, causing stiffening and weakening of muscles, crippling and paralysis - which is Why I am in a wheelchair today. If somebody had predicted, when I was born, that this would happen to me, no one would have believed it. I was seventh child in a family of four pairs of brothers and sisters, with huge 23 year gap between the first and last. I was so fair and brown haired that I looked more like a foreigner than a Dawood Bohri. I was also considered to be the healthiest of the brood. Question In his childhood, the narrator was

Answer : very healthy

Q. If Q means 'add to', J means 'multiply by', T means 'subtract from' and K means 'divide by', then $26 K 2 Q 3 J 6 T 4 = ?$

Answer : 27

Q. Find the missing terms (C, E), (E, G), (G, I), (I, K), (K, M), —

Answer : (M, O)

Q. The value of $\sin (45^\circ +) - \cos (45^\circ -)$ is

Answer : 0

Q. In the following question the alphabets bear a Random Sequence Numbering. Find the Numerals that would be represented by the following words. If DATE is written as 7 -4 -23 -8, then how would you write PLUM?

Answer : 19 -15 -24 -16

Q. If $4(x - y) = 64$ and $4(x + y) = 1024$, then find the value of x.

Answer : 4

Q. Find the missing terms $11 : 121 :: 12 : —$

Answer : 144

Q. Read the statement and answer the question that follows The arrest orders issued by the High Court for contempt of court, against a journalist, who published a cartoon, which depicted a sitting judge as a corrupt person, received widespread flak from the fourth estate. It is viewed as a threat against the freedom of press. The association of journalists have appealed

to the Supreme Court against the High Court's order. Which of the following observations, if made by the Supreme Court, would strengthen the order issued by the High Court?

Answer : The High Court acted in the interest of justice and not in an attempt to preserve its dignity.

Q. Pointing to a man, a woman said, "His mother is the only daughter of my mother." How is the woman related to the man ?

Answer : Mother

Q. The students in three batches at AMS Careers are in the ratio 2 : 3 : 5. If 20 students are increased in each batch, the ratio changes to 4 : 5 : 7. The total number of students in the three batches before the increase was

Answer : 100

Q. Choose the best option representing the most logical and coherent sequence of the six sentences labelled (A), (B), (C), (D), (E) and (F) to construct a meaningful paragraph. A. In contrast, vacation travelers often choose between many destinations (including some that do not involve air travel) and plan their trips far in advance. B. Typically, business flyers have less elastic demands because they must meet with suppliers and customers at specific times and in specific locations. C. For many years, the airlines have used what they call yield management to increase their profits. This practice involves both price discrimination and marketing. D. Because these discretionary travel demands are more price sensitive, airlines advertise some seats at lower prices if passengers are willing to buy their tickets seven to thirty days in advance. E. Often, these trips are made on relatively short notice. Airlines take advantage of this situation by setting higher prices for tickets that do not require advance purchase. F. The price discrimination component is based on variations in price elasticity's for different types of customers.

Answer : CFBEAD

Q. In the figure, OR and PR are radii of circles. The length of OP is 4. If $OR = 2$ and PR is the tangent to the circle with centre O. What is the length of PR?

Answer : $2\sqrt{3}$

Q. Shyam bought 2 articles for Rs.5.50 each and 3 articles for Rs.3.50 each and 3 articles for Rs.5.50 each and 5 articles for Rs.1.50 each. The average price for on article is

Answer : Rs.3.50

Q. A train 600 m long crosses a man standing on the Platform in 15 seconds. Find the Speed of the train in Km/hr?

Answer : 144 Km/hr

Q. In Honololo, Island, there are two types of people-truth tellers and liars. Truth-tellers always speak truth and liars always lie.I met three residents Ho, Lo, and Po, and asked them "who among you is the liar?" The Following are their replies. Ho:I am a truth-teller. Lo:Ho is not a truth-teller. Po:Lois not a liar. If it is known that exactly one person among them is a liar and the other two are truth-tellers,then who among them is the liar?

Answer : Ho

Q. How many 3-digit numbers can be formed from the digits 2, 3, 5, 6, 7 and 9, which are divisible by 5 and none of the digits is repeated?

Answer : 20

Q. A group consists of 4 girls and 7 boys .In how many ways can a group of 5 members be selected if the team has no girl ?

Answer : 21

Q. Siva can do a work in 10 days and Hari can do the same work in 30 days.The contract for the work is Rs 480 . What is the share of Siva ?

Answer : Rs. 360

Q. When 636 is subtracted from a number, it reduces to its two – fifth. Which of the following would be twice that number?

Answer : None of these

Q. The question consists of five statements labelled A, B, C, D and E which when logically ordered form a coherent passage. Choose the option that represents the most logical order. A) These were mainly bulwarks against winter, the hoarded dregs of more plentiful seasons. B) The first were the earliest mince pies, which saw cooked, shredded meat, dried fruits, alcohol with its preservative qualities and perhaps a few spices or herbs, all encased in large pies. C) Subsequently, people baked this into a kind of pie, adding bread-crumbs for bulk, eggs to bind it, and upping the dried fruits and called it 'plum pudding'. D) The pudding seems to have had two principal forerunners. E) The second main pudding was a pottage or soup called frumenty, a fast dish involving cracked wheat, currants and almonds which was ladled out at the start of a meal.

Answer : DBAEC

Q. Which one of the four interchanges in signs and numbers would make the given equation correct? $3 + 5 - 2 = 4$

Answer : + and -, 3 and 5

Q. Select most suitable synonym opportune

Answer : auspicious

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

Answer : 2 and 3 only

Q. The purpose of the following flowchart is to double the number in each of the Boxes 2, 4, 6, 8 and 10. In order to accomplish exactly this - no more and no less - What is the smallest number which may be in box 1?

Answer : 10

Q. Find the length of the bridge in which a train 130 m long travelling at 45 km per hour can cross in 20 sec.

Answer : 120 m

Q. Common content Read the passage and answer the questions that follow Today perhaps your only association with the word 'polio' is the Sabin Oral Vaccine that protects children from the disease. Fifty five years ago this was not so. The dreaded disease, which mainly affects the brain and spinal cord, causing stiffening and weakening of muscles, crippling and paralysis - which is Why I am in a wheelchair today. If somebody had predicted, when I was born, that this would happen to me, no one would have believed it. I was seventh child in a family of four pairs of brothers and sisters, with huge 23 year gap between the first and last. I was so fair and brown haired that I looked more like a foreigner than a Dawood Bohri. I was also considered to be the healthiest of the brood. Question In his childhood, the narrator looked "more like a foreigner than a Dawood Bohri" This was because he was

Answer : fair and brown haired

Q. How many terms are there in given series 20, 25, 30, 140

Answer : 25

Q. Common content The graph drawn below shows the consumption of Tea and Coffee (in '000 tons) over the period from 1981 to 1986. Refer to the graph to answer the questions that follow. Question In which of the following years, the ratio of consumption of Tea to that of Coffee the highest?

Answer : 1986

Q. Out of 600 bolts, 20% are too large and 10% too small. The remaining are considered to

be suitable. If a bolt is selected at random, what is the probability that it will be suitable?

Answer : $7/10$

Q. Find the volume of hemispherical unit whose radius is 1 cm?

Answer : 2.09 units^3

Q. The least value of $2\sin^2 \theta + 3\cos^2 \theta$

Answer : 2

Q. Find the angle between the hour hand and the minute hand of a clock when the time is 3.25.

Answer : $47 \frac{1}{2}^\circ$

Q. Find the value of $\log_9 16807 - \log_9 27$?

Answer : 1

Q. A, B, C, D and E are sitting on a bench. A is sitting next to B, C is sitting next to D, D is not sitting with E who is on the left end of the bench. C is on the second position from the right. A is to the right of B and E. A and C are sitting together. In which position A is sitting ?

Answer : Between B and C

Q. Which of the following years is leap year.

Answer : none of these

Q.

Answer : 2

Q. In each of the questions below are given three statements, followed by conclusions: I, II, III, IV. You have to take the given statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts. Statements: Some ships are boats. All boats are submarines. Some submarines are yatches. Conclusion: I. Some yatches are boats. II. Some submarines are boats. III. Some submarines are ships. IV. Some yatches are ships

Answer : Only II and III follow

Q. Study the flowchart give below and the questions that follow.

Answer : 27

Q. In each of the following sentences a part of the sentence or the whole sentence is underlined. Beneath each sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative from among the four. The United States Navy announced that, beginning next year, they plan to close several of their bases in order to reduce operating expenses. they plan to close several of their bases

Answer : it plans to close several of its bases

Q. In a mixture of 25 litres the ratio of acid to water is 4:1. Another 3 litres of water is added to the mixture. The ratio of acid to water in new mixture is

Answer : 5:2

Q. Common content The following pie chart shows the expenditure incurred as the manufacturing of a calculator under various heads study the following pie-chart carefully and answer the question given below: misc=17.5% software=12.5% R and D=20% Machinery=22.5% Hardware=27.5% Question If the profit is 20% and the selling price of calculator is Rs.192. Then how much money has been spent on it as miscellaneous charges?

Answer : 28

Q. The product of 40 odd numbers is

Answer : odd

Q. If the cost price is 25% of selling price. Then what is the profit percent.

Answer : 300%

Q. A student has to obtain 33% of the total marks to pass. He got 125 marks and failed by 40 marks. The maximum marks are :

Answer : 500

Q. $(216)^4 \div (36)^4 \times 65 = (6)^?$

Answer : 9

Q. What is the sum of the measures of the interior angles of a hexagon?

Answer : 7200

Q. In the following questions, there are four figures (i), (ii), (iii) and (iv) which constitute the problem set and answer figures marked 1, 2, 3, and 4 each consisting of two figures marked (i) and (iv) which constitute the answer set. Select a figure from the answer sets the contents of which best substitute (?) in the problem set such that figure (iii) is related to figure (iv) in same way as figure (i) is related to figure (ii). CORRECT Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. A person buys a horse for 15 pounds After one year he sells it for 20 pounds After one year again he buys the same horse at 30 pounds and sells it for 40 pounds What is the overall profit percent for that person over both the transactions.

Answer : 33.33%

Q. Replace the underlined part of the sentence with a grammatically correct option. If the magazines will be published last week, why haven't they been bought yet?

Answer : were published

Q. Fact 1: Robert has four vehicles. Fact 2: Two of the vehicles are red. Fact 3: One of the vehicles is a minivan. If the first three statements are facts, which of the following statements must also be a fact? I: Robert has a red minivan. II: Robert has three cars. III: Robert's favorite color is red.

Answer : None of the statements is a known fact.

Q. Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the questions. Read both the statements and give answer. What is the value of X ? (A) When X is multiplied by 2 then the result is between 50 and 60. (B) When X is multiplied by 3 then the result is between 80 and 90.

Answer : if both the statements taken together are not sufficient and more information is required to solve the question

Q. The ratio of the length and the breadth of a rectangular plot is 6:5 respectively. If the breadth of the plot is 34 metres less than the length, what is the perimeter of the rectangular plot?

Answer : 748 meter

Q. Statements- Some books are birds. Some birds are fingers. **Conclusions-** I. Some fingers are books. II. Some fingers are birds.

Answer : If only the conclusion II is true.

Q. A man walks northwards. After a while he turns to his right and a little further to his left. Finally, after walking a distance of 1km, he turns towards his left again. In which direction is he moving now?

Answer : West

Q. $999 * 25$

Answer : 24975