

Examly Level 5 - Test 5

Q. PLACED THERE. IN THE FOLLOWING PROBLEM, NO TWO BOXES CONTAIN THE SAME NUMBER. The objective of The following flow chart is to rearrange the numbers in boxes 3, 4, and 5 in such a fashion that at the end: Box 3 will always contain the smallest number. Box 5 will always contain the largest number. However, this flow chart is incorrect. As it stands it will not accomplish the desired purpose. Which one instruction must be changed to correct the flow chart? ThoughtWorks-flow-chart-questions-with-answers

Answer : None of these

Q. Consider a circle with unit radius .There are seven adjacent sectors S1, S2 , S3 ,S7 in the circle such that their total area is $\frac{1}{8}$ of the area of the circle. Further the area of the 'j' th sector is twice that of (j - 1) sector, for j = 2,.....,7. What is the angle in radius, subtended by the arc of S1, at the center of the circle.

Answer : $\frac{\pi}{508}$

Q. Common content Use the following information to answer the questions given below: A cube is colored red on one face, green on the opposite face, yellow on another face, and blue on the face adjacent to the yellow face. The other two faces are left uncolored. It is then cut into 125 smaller cubes of equal size. Answer the following questions based on the above statement. Question How many cubes are colored blue on one face, red or green on the other face and have four uncolored faces?

Answer : 8

Q. Common content Direction. The following table gives the sales of batteries manufactured by company over the years. Study the table and answer the question that follows: **NUMBER OF DIFFERENT TYPES OF BATTERIES SOLD BY A COMPANY OVER THE YEARS (NUMBERS IN THOUSAND)** Question What was the approximate percentage increase in the sales of 55AH batteries in 1998 compared to that in 1992 ?

Answer : 34%

Q. Common content Study the following information carefully to answer the given questions: Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L, M, N and O are seated and all of them are facing south. In row-2 U, V, W, X, Y and Z are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. M sits third to right of K. Either M or K sits at an extreme end of the line. The one who faces K sits second to right of Y. Two people sit between V and Z. Neither V nor Z sits at an extreme end of the line. The immediate neighbour of V faces

the person who sits third to left of J. L and N are immediate neighbours of each other. W sits second to the left of U. N does not face the immediate neighbour of X. Question Which of the following person sits immediate right of X?

Answer : No one sitting

Q. Two trains move along a circle of circumference 1.2 km with constant speeds. When they move in different directions, they meet every 15 seconds and when they move in the same direction, one train overtakes the other every 60 seconds. Find the speed of the slower train.

Answer : 0.03 km/s

Q. P) As a child, you may have paid little attention to your father's financial hardships. Q) You may also be unaware about how your father intends to sustain himself through his non-working years. R) These are some of the conversations you need to have with your father to ascertain his financial security needed to lead his golden years with dignity. S) Does he have a pension plan? Has he invested adequately? Does he have health coverage?

Answer : PQSR

Q. If a merchant offers a discount of 40% on the marked price of his goods and thus ends up selling at cost price, what was the % mark up?

Answer : 66.66%

Q. In the given figure, area of isosceles triangle ABE is 72 cm² and BE = AB and AB = 2 AD, AE || DC, then what is the area (in cm²) of the trapezium ABCD?

Answer : 144

Q. Between 11 O'clock and 12 O'clock, how often are the minute and hour hands of a clock together at an integral number value?

Answer : 5

Q. All Lamels are Signots with buttons. No yellow Signots have buttons. No Lamels are yellow.

Answer : true

Q. The sum of twice the square of a number and 7 times the number equals 15. What is the number?

Answer : 3/2

Q. Study the following figure and answer the questions given below. How many backward uneducated people are employed ?

Answer : 5

Q. Moreover, the operation was hardly a surprise to Rawalpindi given the high level of political and military signalling from the Indian side between the Uri attack and the surgical strikes. Pakistan Army is also said to be monitoring a great deal of ‘operation-related chatter’ towards the Indian side. Indeed, New Delhi’s post-strike triumphalism did have negative reputational impact on the all-powerful General Headquarters in Rawalpindi and for the Nawaz Sharif government in Islamabad.

Answer :

Q. A man completes his journey in 8 hours. He covers half the distance at 40 kmph and the rest at 60 kmph. The length of the journey is?

Answer : 384 km

Q. Aravind can do a job in 24 days. Mani can do the same job in 36 days. Aravind, Mani, and Hari can do the work together in 8 days. How long does it take Hari to do the work alone?

Answer : 18 days

Q. Common content A passage is given with 5 questions following it. Read the passage carefully and choose the best answer to each question out of the four alternatives. There were only two Americans stopping at the hotel. They did not know any of the people who passed on the stairs on their way to and from their room. Their room was on the second floor facing the sea. It also faced the public garden and the war monument. There were big palms and green benches in the public garden. In the good weather there was always an artist with his easel. Artists liked the way the palms grew and the bright colors of the hotels facing the gardens and the sea. Italians came from a long way off to look up at the war monument. It was made of bronze and glistened in the rain. It was raining. The rain dripped from the palm trees. Water stood in pools on the gravel paths. The sea broke in a long line in the rain and slipped back down the beach to come up and break again in a long line in the rain. The motor cars were gone from the square by the war monument. Across the square in the doorway of the café a waiter stood looking out at the empty square. Question Who was looking at the empty square from the doorway?

Answer : Waiter

Q. Statements: Only a few windows are pure. No food is pure. All music is window. Conclusions: I. Some windows are definitely not pure. II. Some music is food.

Answer : If only conclusion I follows.

Q. P, Q, R, and S are playing a game of carrom. P, R and S,Q are partners. S is to the right of R who is facing West. Then Q is facing?

Answer : North

Q. A batsman in his 17th innings makes a score of 85, and thereby increases his average by 3. What is his average after the 17th innings? He had never been 'not out'.

Answer : 37

Q. Two numbers whose sum is 84 can not be in the ratio

Answer : 3:2

Q. A palindrome is a number that reads the same left to right as it does from right to left, such as 252. How many six-digit palindromes are there which are even?

Answer : 400

Q. What approximate value should come in place of the question mark (?) in the following questions? (You are not expected to calculate the exact value) $(9320 + 5405 + 1000) \div (498 + 929 + 660) = ?$

Answer : 7.5

Q. The measure of the angles of a triangle are in the ratio 2:7:11. Measures of angles are ?

Answer : 18o, 63o, 99o

Q. In a examination, 1800 candidates were boys and 2200 were girls. If 42% of boys and 48% of girls passed the examination, then what is the overall percentage of candidates who failed?

Answer : 54.7%

Q. I. $2x^2 + x - 3 = 0$ II. $6y^2 + 13y - 5 = 0$ $x < y$

Answer : $x = y$ or relationship cannot be established

Q. Which two signs should be interchanges in the following equation to make it correct? $10 + 16 - 60 \times 20 \div 4 = 965$

Answer : $-$ and \times

Q. $\sqrt{4225}$

Answer : 65

Q. A student is standing with a banner at the top of a 100 m high college building. From a point on the ground, the angle of elevation of the top of the student is 60° and from the same point, the angle of elevation of the top of the tower is 45° . Find the height of the student.

Answer : 73.2 m

Q. A statement is given followed by several assumptions. An assumption is something assumed or taken for granted. Read the statement carefully and decide which of the assumptions are implicit in the statement. Statement : "I don't care if the world calls me conservative. But my wife won't work in films after she marries me." - An actor in an interview. Assumptions : I. The actor is not much bothered about what the world thinks of him. II. The actor is unmarried. III. Not allowing the wife to work in films may be taken as a sign of conservatism.

Answer : I and III are implicit

Q. A bag contains 4 white, 5 red and 6 blue balls. Three balls are drawn at random from the bag. The probability that all of them are red, is:

Answer : $2/91$

Q. The common difference of the A.P. is $1/2q$, $(1 - 2q)/2q$, $(1 - 4q)/2q$, ... is

Answer : -1

Q. If $\log a/b + \log b/a = \log (a + b)$, then:

Answer : $a + b = 1$

Q. Direction (Q. 1-5): Study the following table carefully and answer the given questions. Before merging with State Bank of India, a data about employees worked in associate banks. The following table shows the total employees worked in these banks and the ratios of Clerk, PO and SO among them. The total number of PO's worked in State Bank of Hyderabad and State Bank of Indore together is approximately what per cent of the total number of SO's worked in State Bank of Patiala and State Bank of Saurashtra together?

Answer : 120%

Q. The U.S. Congress's report allowing the introduction of a presidential waiver of its controversial Countering America's Adversaries Through Sanctions Act (CAATSA) will be greeted with a sense of relief in both New Delhi and Washington. The two governments have been

working hard to avert a stand-off over the issue. The matter was particularly heated with India making it clear it would go ahead with the S-400 Triumph missile system deal with Russia regardless of the U.S. law and the threat of sanctions. CAATSA, signed reluctantly by President Donald Trump last August would have forced his administration to impose sanctions on any country carrying out significant defence and energy trade with sanctioned entities in Russia, Iran and North Korea. What could be some arguments presented by India to convince the US about waiving the CAATSA? I. The U.S., wanting to partner with India in the Indo-Pacific, would hamper India's military abilities by denying the country crucial technology II. India has increased defence purchases from the U.S. and it would be unfair if the U.S. rewarded the effort with punitive measures. III. No weapons India bought would be used against the US.

Answer : All of the above

Q. Complete the series: 10, 20, 10, 9, 21, 11, 8, 22, 12, ?

Answer : 7

Q. Figure below shows a box which has to be completely wrapped with paper. However, a single Sheet of paper need to be used without any tearing. The dimension of the required paper could be

Answer : 12 cm by 6 cm

Q. Find the day of the week on 16th July, 1776.

Answer : Tuesday

Q. In a school election, if each of the 900 voters voted for either A or B (but not both), what percent of the female voters in this election voted for B ? (A) Eighty percent of the female voters voted for A. (B) Sixty percent of the male voters voted for B.

Answer : if statement (A) alone is sufficient to solve the question, but statement (B) alone is not.

Q. After three successive equal percentage rise in the salary the sum of 100 rupees turned into 140 rupees and 49 paise. Find the percentage rise in the salary.

Answer : 12%

Q. ABAC is a number which has the property that the first two digits are 1 greater than the last two digits. Find a four digit number which has this property and is a perfect square. The sum of digits of this number will be

Answer : 19

Q. On which day of the same week is L's exam scheduled (Monday being the first day of the week)? I. L correctly remembers that his exam is scheduled on a day after Tuesday, but before Thursday of the same week. II. L's father correctly remembers that L's exam is scheduled on the third day of the week.

Answer : if the data in either in statement I alone or in statement II alone are sufficient to answer the question.

Q. A solid spherical ball of radius 4cm is melted to form spheres of radius 2cm each. The number of spheres so formed is

Answer : 8

Q. Pointing towards a man in a photograph, a woman says, "His brother's father is the only son of my Maternal Grandfather." How is the woman related to that man?

Answer : Sister

Q. Identify the one which is opposite in meaning (antonym) to the question word and mark. cant

Answer : candour

Q. If 'F' means '+', 'P' means '×', 'T' means '÷' and 'K' means '-' then 40 T 8 F 16 P 4 K 13 =?

Answer : 56

Q. If 18 boys earn Rs. 1200 in 6 days. How much will 25 boys earn in 9 days?

Answer : 2500

Q. Add: (Number in box 7) + (Number in box 6) Put result into box 1. Multiply: (Number in the box 1) × (Number in the box 3) Put result in box 4 subtract: (Number in the box 4) - (Number in the box whose Number is in box 8) Put result into box 12 What Number is now in box 12?.....

Answer : 18

Q. PAPER: SCTGW:: MOTHER : ?

Answer : PQXJJT

Q. The sum of the square of the three consecutive even natural numbers is 1460. Find the numbers?

Answer : 20, 22, 24

Q. There are 2 different blue toys, 3 different green toys and 4 different red toys. In how many ways one can choose 3 toys, such that there is at least one green toy and one blue toy in the chosen three?

Answer : 33 ways

Q. Select the word which is closest in meaning to the given word. Curt

Answer : Brusque

Q. By stringing together 9 different coloured beads, how many different bracelets can be made?

Answer : 20160

Q. In the following questions, a related pair of figures is followed by five numbered pairs of figures. Select the pair that has a relationship similar to that in the original pair, the best possible answer is to be selected from a group of fairly close choices. **CORRECT Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:**

Answer :

Q. In a certain language, RIPPLE is written as 785514. What is the code of PILLER in that language?

Answer : 581147

Q. In the following question, statements 1 and 6 are respectively the first and the last sentences of a paragraph and statements A, B, C and D come in between them. Rearrange A, B, C and D in such a way that they make a coherent paragraph together with statements 1 and 6. Select the correct order from the given choices and mark its number as your answer. 1. With the decline of feudalism in ancient society, some important developments like merchant capital, emergence of wage labour, putting out system and enclosure movement set the stage for industrial revolution. A. A new cyclical pattern of growth took place. B. Increased agricultural production and new technology further contributed to its growth. C. Though industrial development was marked by periods of depression gradually this problem was overcome. D. With industrial development, the composition of capital also underwent changes. 6. Soon the increased industrial production gave rise to capitalism and new social classes.

Answer : CDBA

Q. Find the minimum number of straight lines required to make the given figure. (a) 13 (a) 15 (b) 17 (c) 19

Answer : 13

Q. In a colony, each person is either a truth teller, who always speaks truth or a liar, who always lies or an alternator, who alternates between truth and lie in any order. When a question is asked to three persons P1, P2 and P3 whose names are P, Q, R not necessarily in the same order they replied in the following manner. P1: I am Q. Exactly one of us is liar. P2: Exactly one of us is truth teller P3 is P P3: Exactly one of us is an alternator I am not R If there is at least one truth teller, then who is R?

Answer : P2

Q. Three friends went for a picnic. The first friend brought 5 apples and the second brought three. The third friend however only brought Rs. 8. What is the share of the first friend?

Answer : 7

Q. Replace the underlined part with the best alternative from the choices given. Being a convict of fodder scam, resignation from the post was expected from him.

Answer : Being a convict of fodder scam, he was expected to resign from the post.

Q. Common content Is it possible to make money while helping people out of poverty? In the last five years or so one business microfinance seemed to suggest that the answer is yes. Look at the numbers: from merely 12 million in 2003, the market for lending tiny amounts of money mainly to groups of women has grown to more than 7 billion. And analysts expect this to grow to a staggering \$50 billion soon. It's easy to understand why. Many people in rural India don't have access to loans from formal banks. In any case, procedures are cumbersome, paper work intimidating. That explains why people go to moneylenders, who charge them upwards of 50% for loans. Microfinance, based on a model borrowed from Bangladesh, was supposed to change all that. Micro-credit institutions would make small loans to groups of women at rates lower than what moneylenders charge. These would go into productive investments and defaults would be kept low because the entire community or a group of women borrowers would keep an eye on each other to make sure that the funds were used properly and repayments were on time. Today, it's reckoned that women's self help groups (SHGs) reach about 50 million people. Another 20 million are covered by microfinance institutions (MFIs). That leaves about 100 million people who still rely on moneylenders or relatives for loans. That's huge untapped market, which explains why analysts are falling over each other to take up micro finance. A few months ago, India's largest micro-credit company, SKS microfinance, had a hugely successful listing. But now, the whole micro-credit story seems to be fraying at the edges. And that's even if you discount the churn at the top in SKS. What's worrying many people is whether it's possible to keep poor borrowers happy while growing profits fast enough to keep shareholders smiling as well. Question The word 'fraying' as used in the passage means

Answer : weakening

Q. In each question given below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement. **Statements:** Some doctors are fools. Some fools are rich. **Conclusions:** I. Some doctors are rich. II. Some rich are doctors

Answer : If neither I nor II follows.

