

Examly Level 1 - Test 3

Q. If DELHI is coded as 34178, then MUMBAI is coded as ?

Answer : 202108

Q. $\sin^2 20^\circ + \sin^2 70^\circ - \tan^2 45^\circ$

Answer : 0

Q. Find out the figure which does not belong to the group i. e., which does not share the common features/ characteristics with the other four figures. CORRECT Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. Find the value of $\log 0.01$?

Answer : -2

Q. A number $344ab5$, is divisible by both 9 and 25. Find the number? (Given $a + b < 8$)

Answer : 344025

Q. A table and 2 chairs together cost \$400. If by selling the chairs at 10% loss and the table at 10% profit, a total of 5% profit is made. What is the cost price of a chair?

Answer : \$ 50

Q. Look carefully at the sequence of symbols to find the pattern. Select correct pattern.

Answer : 3

Q. Three criminals were arrested for shop lifting. However, when interrogated, only one of them told the truth in both his statements, while the other two each told one true statement and one lie. The statements were: Ti-Ti: (a) Chi-chi passed the goods.(b) Ki- Ki created the diversion. Ki-Ki : (a) Ti-Ti passed the goods.(b) I created the diversion. Chi-Chi : (a) I took the goods out of the shop.(b) Ki-Ki passed goods. Who created the diversion?

Answer : Ki-Ki

Q. Sam purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit?

Answer : 5.5

Q. How is 'face' written in that code language? I) In a certain code language, 'no one with face' is coded as 'fo to om sop' and 'no one has face' is coded as 'om sit fo sop' II) In a certain code language, 'face of no light' is coded as 'om mot fo kiz' and 'no one is smart' is coded as 'sop fo sip lik'. If data in the statement I alone is sufficient to answer the question.

Answer :

Q. If \times means \div , $-$ means \times , \div means $+$ and $+$ means $-$, then $(4 - 15 \div 12) \times 8 + 9 = ?$

Answer : 0

Q. If the price of petrol is increased by 25% and Kevin intends to spend only an additional 15% on petrol, then by what percentage must he reduce the quantity of petrol purchased?

Answer : 8%

Q. Suganya went to the movies nine days ago. She goes to the movies only on Thursday. What day of the week is today?

Answer : Saturday

Q. Three equal cubes are placed adjacently in a row. Find the ratio of total surface area of the new cuboid to that of the sum of the surface areas of the three cubes.

Answer : 7 : 9

Q. Find the antonym Foremost : Hindmost

Answer : Unimportant

Q. What should come in place of the question mark (?) in the following series X A D G J ?

Answer : M

Q. From 10,000 lottery tickets numbered from 1 to 10,000, one ticket is drawn at random. What is the probability that the number marked on the drawn ticket is divisible by 20?

Answer : $1/20$

Q. If the radius of a circle increases by 20%, by what percent does the area of the circle increase?

Answer : 44%

Q. Find the third proportion to 5,25

Answer : 125

Q. Each of the questions given below contains a question and two statements numbered I and II. You have to decide whether the data given in the statements are sufficient for answering the questions. What is the value of x? I. $x - y = 5$. II. $x + y = 15$.

Answer : If the data in both the Statements I and II together are necessary to answer the question

Q. The average weight of 48 students of a class is 36 kg. If the weights of teacher and principle is included. The average becomes 36.76 kg. Find the sum of the weights of teacher and principle?

Answer : 110 kg

Q. Bea can paint a house three times faster than Alice can paint a house. If, working together, it takes Alice and Bea 24 hours to paint a house, then how many hours would it take Bea to paint a house alone?

Answer : 32 hours

Q. Find the greatest three number which is multiple of 7.

Answer : 994

Q. Study the flow chart give below and the questions that follow. The purpose of the following chart 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 ?
capgemini-flow-chart-logical-reasoning-question-Answers-part-4

Answer : 11

Q. Pick out the word most similar in meaning to . gather into a crowd or mass.

Answer : Congregate

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 machinery charges of a single unit is Rs.58.50 and the marked price is 30% more than cost price then what is the marked price of calculator?

Answer : 338

Q. Granted "No lock is key" as true, which of the following conclusions may be true?

Answer : Some locks are not keys.

Q. In the following questions given figures represent two different views of a cube. Study the figures carefully and answer the questions. When there are two dots at the bottom, the number of dots at the top will be

Answer : 3

Q. A certain distance is covered at a certain Speed. If half this distance is covered in double the time, the ratio of two Speeds is

Answer : 4:1

Q.

Answer : 0

Q. Find the values of the variables in the following problems:

Answer : 8, 60°, 5

Q. In a group of 6 boys and 4 girls, four children are to be selected. In how many different ways can they be selected such that at least one boy should be there?

Answer : 209

Q. Find the missing terms (1, 5), (4, 11), (10, 23), (22, 47), —

Answer : (46, 95)

Q. Each question has a number of sentences which, when properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most suitable order of sentences from among the four given choices to construct a coherent paragraph. A. As such the statue of Apollo which stood astride the entrance of the Aegean port of Rhodes, fell neatly into the definition B. In ancient times any statue which was larger than life size was called a colossus C. That statue was said to have been 71 cubic high or just under 107 feet D. It was a colossus

Answer : BADC

Q. In what proportion must Ghee at Rs.60 a kg be mixed with Ghee at Rs.45 a kg so that the mixture may be worth Rs.54 a kg?

Answer : 3 : 2

Q. At what time between 3 and 4 o'clock will the minute hand and the hour hand are on the same straight line but facing opposite directions.

Answer : 3:49 $\frac{1}{11}$

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. One of the worst aspects of Indian democracy is growing terrorism. A. Strict laws must be enacted to punish the terrorists and to avoid such incidents. B. Recently, terrorists succeeded in planting a bomb in the Army Headquarters. C. Such laws must be enforced more effectively. D. Terrorism must be curbed with a heavy hand. 6. The government can expect full co-operation from all who desire a peaceful life.

Answer : BACD

Q. The sum of 5 numbers in AP is 30 and the sum of their squares is 220. Which of the following is the third term?

Answer : 6

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 Cats are Rats. All bats are tables. All Rats are Bats. Conclusion: I. Some Cats are bats II. All bats are rats III. All tables are cats IV. All bats are cats

Answer : None of these

Q. Common content The following table represents the production of steel from 1920 to 1929

that follow Question What is the ratio of steel produced in 1921 as compared to 1929?

Answer : 22 : 59

Q. Pick out the best alternative from the options given. How can you take the support of your voters for granted without being loyal to them?

Answer : being loyal to

Q. Walking at $\frac{3}{4}$ of his normal speed, Abhishek is 16 min late in reaching the office. The usual time by him to cover the distance between his home and his office is?

Answer : 48 min

Q. The probability of A is $\frac{1}{8}$ and that of B is $\frac{1}{7}$. Find the probability that both of them are selected.

Answer : $\frac{1}{56}$

Q. The side of a cube is 13 cm, Find its surface area?

Answer : 1014 cm²

Q. Study the flow chart given below and the questions that follow. What number is now in Box 8? What number is now in box 11?

Answer : 5, 17

Q. Three persons give these statements. A says either Democratic or Liberal wins the elections. B says Democratic wins. C says neither Democratic nor Liberal wins the elections. Of these statements only one is wrong. Who wins the elections?

Answer : Democratic

Q. Common content Read the following passage carefully and answer the respective questions given below each of them. On the death of Alexander the great his vast empire was almost immediately broken up into three main divisions. In the East, his General Seleucus Nikator founded an empire comprising Persia, Mesopotamia, Syria and part of Asia Minor, that is, almost all the area from the Hellespont to the Indus. The capital of this empire was Antioch, which became one of the greatest commercial centres of those times, through which merchandise for Arabia, India and China flowed into the Mediterranean. The second division of the Alexandrian empire was the Graeco-Egyptian kingdom founded by Ptolemy I, another general of Alexander. Its chief city was Alexandria which, with its safe harbour and splendid library, became for a long time the most important centre of Greek civilization and culture in the

ancient world. The third and the smallest division was Macedon, ruled by Antigonus and his successor, who had partial control over Greece till 146 B.C. In that, year Greece was made a Roman province under name of Achaia. Later, both Syria and Egypt were also conquered by the Romans. Question The second division of Alexandrian empire was founded by Alexander's eldest son

Answer : Ptolemy I

Q. Find out best diagram which shows the relationship among these objects Travellers, Train, Bus. CORRECT Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:

Answer :

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Answer : Antioch

Q. Find an approximate value of what should come in place of question mark (?) $39.012 \times 14.98 - 28.013 \times 9.999 = (20 + ?) \times 5.23$

Answer : 41

Q. $72\% \text{ of } 654 - 41\% \text{ of } 312 = ?$ 276.60

Answer : 342.96

Q. A and B working together could mow a field in 28 days and with the help of C they could have mowed it in 21 days. How long would C take by himself?

Answer : 84

Q. X started walking south; he walked a distance of 5m and then took a left turn and walked a distance of 3m. Then he took a right turn and walked a distance of 5m again. X is facing

which direction now?

Answer : South

Q. In the question below, is given a statement followed by several courses of actions. A course of action is a step or administrative decision to be taken for improvement, follow-up or further action in regard to problem, policy, etc. on the basis of the information given in the statement. You have to assume everything in the statement to be true, then decide which of the two given suggested courses of action logically follows for pursuing. Statement : "There should be no failure in the forthcoming Board examination". - The school Head Master instructs his teachers. Course of Action : I. Special coaching to be provided to students weak in studies. II. No sports/cultural activities to be organised for students appearing at the Board examination.

Answer : Only I follows

Q. In how many ways the word "MELON" can be arranged so that vowels do not come together?

Answer : 72

Q. The cost of 10 kg of apples is equal to the cost of 24 kg of rice. The cost of 6 kg of flour equals the cost of 2 kg of rice. The cost of each kg of flour is Rs.20.50. Find the total cost of 4 kg of apples, 3 kg of rice and 5 kg of flour?

Answer : Rs.877.40

Q. Rekha introduces a man as the son of the brother of her mother. How is the man related Rekha.

Answer : Cousin

Q. 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 ?

Answer : X

Q. If $A + B = 2C$ and $C + D = 2A$, then

Answer : $A + C = B + D$

Q. The board of directors requires that these reports should be submitted before the end of the current quarter. that these reports should be submitted

Answer :

Q. Authors of detective fiction, more often than not, create a very clever investigator and a rival (a rather incompetent investigator) who choose to adopt separate paths / strategies to solve a crime. The individual adventures of both in their attempts to solve the same crime frequently project the incompetent investigator getting misled as the criminals had planned and, of course, the competent detective solving the case after a violent confrontation. Many literary analysts believe that writers often adopt this style of narration so that it lends additional complexity and challenge in solving the investigation. Which of the following most logically follows from the statements above? A well-written detective story consists of an investigation being undertaken by a competent and incompetent investigator. Some authors use an incompetent investigator to show the complexities of an investigation.

Answer : the correct outcome of the investigation more difficult.

Q. Solve the following equation $(4-2z) / 3 = 3/4 - 5z/6$

Answer : $-7/2$