

Examly Level 1 - Test 2

Q. A and B together can do a piece of work in 4 hours which A alone can do in 12 hours. In what time could B alone do it?

Answer : 6

Q. Common content The following table represents the production of steel from 1920 to 1929 that follow Question What is the average annual production (in million tons) over the period specified?

Answer : 84.8

Q. Which of the following diagrams best depicts the relationship between Book, Pen and Pencil? **CORRECT** Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. How many different letters arrangement can be made from the letters of the word “EQUATION” so that all the vowels occur together?

Answer : 2880

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. How many brothers does Ramu have? I. Ramu’s father has 3 children. II. Ramu has 2 sisters.

Answer : If both statement I and II together are sufficient but neither of the statements alone is sufficient.

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

Answer : 4

Q. The area of the largest circle (in cm²) that can be drawn inside a square of side 14 cm is

Answer : 49

Q.

Answer : 14

Q. The average age of eleven cricket players is 20 years. If the age of the coach is also included, the average age increases by 10%, the age of the coach is

Answer : 44 years

Q. What percent of $\frac{2}{9}$ is $\frac{3}{45}$?

Answer : 30%

Q. Town D is to the West of town M. Town R is to the South of town D. Town K is to the East of town R. Town K is towards which direction of town D?

Answer : South-East

Q. The sentences given in each question, when properly sequenced, form a coherent paragraph. Each sentence is labeled with a letter. Choose the most logical order of sentences from among the given choices to construct a coherent paragraph. A. When I speak of intelligence, I include two things B. There is one great defect in traditional morality C. The other is receptivity to knowledge D. One is actual knowledge E. It puts low store by intelligence

Answer : BEADC

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 When did Greece become a Roman province ?

Answer : In 146 BC

Q. Find the value of $\log 512$, if $\log 2 = 0.3$?

Answer : 2.7

Q. In each of the following questions, four positions of the same dice has been shown. You have to see these figure and select the number/symbol opposite to number/symbol as asked in each of question

Answer : 2

Q. The unit digit in the product $(121)400$ is

Answer : 1

Q. In each question below are given two or three statements followed by two conclusions numbered I and II. You have to take the given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the statements, disregarding commonly known facts. Give answer Statements: All papers are pencils. All pencils are erasers. Conclusions: I. Some erasers are papers. II. Some pencils are papers.

Answer : If both I and II follows.

Q. How many times do the hands of a clock coincide in a day?

Answer : 22

Q. The speeds of three cars are in the ratio $2 : 3 : 4$. The ratio between the times taken by these cars to travel the same distance is

Answer : $6 : 4 : 3$

Q. A circle has an area of 64π square units. What is the diameter of the circle?

Answer : 16

Q. How many 6-digit even numbers can be formed from the digits 1, 2, 3, 4, 5, 6 and 7 so that the digits should not repeat?

Answer : 2160

Q. The police rounded up Tolu, Molu and Golu yesterday because one of them was suspected of robbing the local bank. The 3 suspects gave following statements after intensive questioning: Tolu: I'm innocent. Molu: I'm innocent. Golu: Molu is the guilty one. Who robbed the bank among the three persons, if only one of the statements will be true?

Answer : Tolu

Q. What is the probability of getting a number less than 4 on a die?

Answer : $1/2$

Q. Each of the following problems has a question and two statements which are labeled as I and II. Use the data given in statements I and II together with common place knowledge to decide whether these statements are sufficient to answer the questions. What is the distance between city B and city C? I. The distance between city A and city B is 700km. II. The distance between city A and city C is 900km.

Answer : If you cannot get the answer from statements I and II together, but need even more data.

Q. Neha buys 5 kg of rice and 7 kg of dal for Rs.339 and Mani buys 5 kg of dal and 7 kg of rice for Rs.321.Find the cost of dal and rice in Rs per kg.

Answer : 32, 23

Q. Which of the phrases (1), (2), (3) and (4) given below each sentence should replace the underlined phrase to make the sentence grammatically meaningful and correct? All necessary information regarding this painting competition for children was published in Indian Express.

Answer : published in the Indian Express

Q. Complete the series: 1, 4, 27, 16, 125, 36, ?

Answer : 343

Q. Alfred buys an old scooter for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the scooter for Rs. 5800, his gain percent is:

Answer : $5\frac{5}{11}\%$

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 The marked price of a calculator is 24% more than its cost price. If the marked price of a calculator be Rs.186.Then what is the cost of R and D used in a single unit of calculator?

Answer : 30

Q. If one side of a square is 4 cm, then what will be its area and perimeter?

Answer : 16

Q. Find the missing figure CORRECT Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. $98/3\%$ of 769.002 + 24% of 160.89 – 67.9900=?

Answer : 226

Q. Find the synonym of the given word: PROPEL: Drive

Answer : Drive

Q. OA is perpendicular to the chord PQ of a circle with centre O. If QR is a diameter, AQ = 4 cm, OQ = 5 cm, find the length of PR.

Answer : 6 cm

Q. Find the antonym of the given word: Widely : Spaciously

Answer : Narrowly

Q. The sum of the three numbers in A.P is 21 and the product of the first and third number of the sequence is 45. What are the three numbers ?

Answer : Both (A) and (B)

Q.

Answer : 1

Q. The police rounded up Tolu, Molu and Golu yesterday because one of them was suspected of robbing the local bank. The 3 suspects gave following statements after intensive questioning: Tolu: I'm innocent. Molu: I'm innocent. Golu: Molu is the guilty one. Who robbed the bank among the three persons, if only one of the statements will be true?

Answer : Tolu

Q. In the question below is given a statement followed two courses of action. Course of action is a step or administrative decision to be taken for improvement, follow up or further action in regard to the problems, 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 given suggested courses, of action logically follows for pursuing. Statement : Youngsters are often

found staring at obscene posters. Courses of action : I. Children should be punished and penalized if they are found doing so. II. Any display of such material should be banned. if only I follows;

Answer : if only II follows;

Q. In each of the following questions, a sequence of groups of letters and numbers is given with one term missing as shown by (?). Choose the missing term out of the given alternatives.
24 C 3, 22 E 5, 19 H 8, (?), 10 Q 17

Answer : 15 L 12

Q. If the distance traveled by Mike be 60 km then what was his usual speed and what was the speed on this occasion?

Answer : $5/6$

Q. A sum of Rs. 1360 has been divided among A, B and C such that A gets $2/3$ of what B gets and B gets $1/4$ of what C gets. B's share is

Answer : Rs.240

Q. A can do a certain job in 14 days. B is 40% efficient than A. How many days does B alone take to do the same job?

Answer : 10

Q. The cost price of 50 mangoes is equal to the selling price of 40 mangoes. Find the percentage profit?

Answer : 25%

Q. In each of the question below are given two statements followed by two conclusions numbered 1 and 2 you have to take the two given statements to be true even if they seem to be at variance from commonly known facts and decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts Statements: Some hats are caps. Some caps are mats. Conclusions: 1. Some caps are hats. 2. Some mats are caps.

Answer : If both I and II follow

Q. If $\cot \left(\frac{\theta}{2} \right) - \frac{1}{\sin \theta} = \sqrt{3}$ then the value of $\cos \theta$ is

Answer : $1/2$

**Q. Select correct combination of mathematical sign to replace ‘*’ sign to balance the equation.
 $9 * 4 * 22 * 14$**

Answer : $\times - =$

Q.

Answer : 27

Q. If two coins are flipped together, find the probability of getting exactly one head ?

Answer : $1/2$

Q. A girl drives her car and travels 560 kms in 8 hrs .What is her speed in m/sec?

Answer : 19.4 m/sec

Q. A number of sentences are given below which, when properly sequenced, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the four given choices to construct a coherent paragraph. A. Diamonds which have been immortalized in Indian mythology, have a brilliance that fires the imagination of the soul. B. No one quite knows whether or not it is true, but in the case of a diamond anything could be true. C. So brilliant are the stones, that over the years they have come to be associated with the mystical and the magical something not quite of this world. D. Tales like this have passed into legend and are still told in hushed whispers. E. Many folk tales are told of diamonds each one revolving around a diamond more brilliant than the other.

Answer : ACEDB

Q. The six digit number 54321A is divisible by 9 where A is a single digit whole number. Find A.

Answer : 3

Q. Pick out the best alternative from the options for the underlined part of the sentence I overheard him saying something to me when I was quit.

Answer : was about to quit

Q. Eleven friends M, N, O, P, Q, R, S, T, U, V and W are sitting in the first row of the stadium watching a cricket match. T is to the immediate left of P and third to the right of U. V is the immediate neighbour of M and N and third to the left of S. M is the second to the right of Q, who is at one of the ends. R is sitting next to the right of P and P is second to the right of O. Who are the immediate neighbours of T?

Answer : O,P

Q. Read the passage and answer the question that follows A feud between two communities has created a rift among school children on caste lines in a remote village. Children belonging to a particular caste are skipping the mid-day meal because the cook belongs to a different caste. A boy revealed that his parents had advised him to come home for lunch by skipping the mid-day meal served at school. Which of the following would be the most appropriate course of action to solve the problem?

Answer : The children should be made aware of the caste system and tell them that the people of all castes are human beings and caste makes no difference.

Q. How is my father's only son-in-law's wife related to my wife?

Answer : Sister-in-law

Q. 'House' is related to 'Shelter', in the same way, as 'Soap' is related to

Answer : Hygiene

Q. $8888 - 4444 + 222 = ?$ 5668

Answer : 4666

Q. How many days are there in x weeks x days?

Answer : 8x

**Q. Given interchange: sign '+' and '-' and numbers 5 and 8. Which of the following is correct?
 $82-35 + 55=2$**

Answer : $82-35 + 55=2$

Q. If $(a+b):(b+c):(c+a)=6:7:8$ and $(a+b+c)=14$, then the value of c is

Answer : 6

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 Seleucus Nikator founded an empire in the South

Answer : East