Examly Level 1 - Test 5

Q. At what time between 7 and 8 O'clock, will both the hands of the clock coincide?

Answer : 7 hr 38 2/11 minutes

Q. Tickets numbered 1 to 20 are mixed up and then a ticket is drawn at random What is the probability that the ticket drawn has a number which is a multiple of 3 or 5.

Answer : 9/20

Q.

Answer : 3

Q. A bus 300 m long travelling at a speed of 54 Km/hr crosses an bridge in 30 seconds. Find the length of the bridge?

Answer : 150 m

Q. In how many different ways can the letters of the word 'DETAIL' be arranged such that the vowels must occupy only the odd positions?

Answer : 36

Q. The solution of 3(2u + v) = 7 uv and 3(u + 3v) = 11 uv is

Answer : B) u = 1, v = 3/2

Q. In each of the questions below are given three statements followed by four conclusions numbered I, II, III and 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 eyes are ears. Some ears are lungs. All lungs are hands Conclusion: I. Some hands are eyes. II. Some hands are ears III. Some lungs are eyes IV. No hand is eye

Answer : Only II follows

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: Wrong Mark obtained: 0/1 Hints used: 0 Level:

Answer :

Q. The number of odd days in a span of 1100 years will be

Answer : 1

Q. 24 × 29

Answer : 696

Q. Solve the equation for x 6x - 27 + 3x = 4 + 9 - x

Answer : 4

Q. A trader sells 85 m of cloth for Rs. 8,925 at the profit of Rs. 15/m of cloth. What is the cost price of 1 m of cloth?

Answer : 90

Q. To make a profit of 20% the selling price of the good is Rs. 240. The cost price of the good is,

Answer : Rs.200

Q. In each of the following questions, various terms of a letter series are given with one term missing as shown by (?). Choose the missing term out of the given alternatives. AI, BJ, CK, ?

Answer : DL

Q. Pointing towards Bhavna, Prashant said, "I am the only son of her mother's son." How is Bhavna related to Prashant?

Answer : Aunt

Q. Five girls are sitting on a bench to be photographed. Seema is to the left of Rani and to the right of Bindu. Mary is to the right of Rani. Reeta is between Rani and Mary. Who is sitting immediate right to Reeta ?

Answer : Mary

Q. Find out best diagram which shows the relationship among these objects Men, female, professors CORRECT Status: Correct Mark obtained: 1/1 Hints used: 0 Level:

Answer :

Q. Each of the questions below has a few statements, followed by four conclusions numbered I, II, III and IV. You have to consider every given statements as true, even if it does not conform to the well known facts. Read the conclusions and then decide which of the conclusions can be logically derived. Statements: Some toys are pens. Some pens are papers. Some papers are black Conclusions: I. Some toys are black. II. No pen is black. III. No toy is black. IV. Some pens are black.

Answer : Either I or III and either II or IV

Q. If + means ×, × means -, ÷ means + and − means ÷, then which of the following gives the result of 625 − 25 ÷ 5 + 20 × 3 + 10?

Answer : 95

Q. The ratio in which two milk solutions of the concentrations 15% and 40% are to be mixed to get a solution of concentration 30% is:

Answer : 2:3

Q. Complete the series: 13, 20, 34, 62, 118, 230,?

Answer : 454

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 : 5

Q. In the following question the alphabets bear a Random Sequence Numbering. Find the Numerals that would be represented by the following words. If ANTI is coded as 7 -20 − 26 -15, then how would you code POST?

Answer : 22 -21 -25 -26

Q. Find the antonym of the given word: Beautiful : Wonderful

Answer : Ugly

Q. Common content Read the passage and answer the following passage: As many as one thousand years ago in the Southwest, the Hopi and Zuni Indians of North America were building with adobe-sun-baked brick plastered with mud. Their homes looked remarkably like modern apartment houses. Some were four storeys high and contained quarters for perhaps a thousand people, along with storerooms for grain and other goods. These buildings were usually put up against cliffs, both to make construction easier and for defense against enemies. They were really villages in themselves, as later Spanish explorers must have realized since they called them "pueblos," which is Spanish for towns. The people of the pueblos raised what are called "the three sisters" -corn, beans, and squash. They made excellent pottery and wove marvelous baskets, some of them could hold water. The Southwest has always been a dry country, where water is scarce. The Hopi and Zuni brought water from streams to their fields and gardens through irrigation ditches. Water was so important that it played a major role in their religion. They developed elaborate ceremonies and religious rituals to bring rain. The way of life of less-settled groups was simpler and more strongly influenced by nature. Small tribes such as the Shoshone and Ute wandered the dry and mountainous lands between the Rocky Mountains and the Pacific Ocean. They gathered seeds and hunted small animals such as rabbits and snakes. In the Far North the ancestors of today's Inuit hunted seals, walruses, and the great whales. They lived right on the frozen seas in shelters called igloos built of blocks of packed snow. When summer came, they fished for salmon and hunted the lordly caribou. The Cheyenne, Pawnee, and Sioux tribes, known as the Plains Indians, lived on the grasslands between the Rocky Mountains and the Mississippi River. They hunted bison, commonly called the buffalo. Its meat was the chief food of these tribes, and its hide was used to make their clothing and the covering of their tents and tipis. Question According to the passage, which of the following tribes lived in the grasslands?

Answer : The Cheyenne and Sioux

Q. Critics charge that Indian Cricket Association lobbied for stadiums with fewer seats to reduce supply and increase ticket prices.

Answer :

Q. In how many ways 6 rings of different type can be worn in 4 fingers ?

Answer : 46

Q. In the figure given below, the area of the shaded part is

Answer : 44 /3

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

Answer : 14

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 distance between Indore and Kolkata in km ? (A) It takes 4 hours for an aeroplane travelling against the wind. (B) It takes 2 hours for an aeroplane travelling with the wind.

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

Q. In the question below is given a statement followed by two assumptions numbered I and II. An assumptions is something supposed or taken for granted. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement Statement : "Buy pure and natural honey of company X." - an advertisement in a newspaper. Assumptions : I. Artificial honey can be prepared. II. People do not mind paying more for pure and natural honey. If only assumption I is implicit;

Answer : If only assumption I is implicit;

Q. A bag contains 3 white and 5 black balls. One ball is drawn. What is the probability that it is black?

Answer : 5/8

Q. Common content Read the passage and answer the following passage: As many as one thousand years ago in the Southwest, the Hopi and Zuni Indians of North America were building with adobe-sun-baked brick plastered with mud. Their homes looked remarkably like modern apartment houses. Some were four storeys high and contained quarters for perhaps a thousand people, along with storerooms for grain and other goods. These buildings were usually put up against cliffs, both to make construction easier and for defense against enemies. They were really villages in themselves, as later Spanish explorers must have realized since they called them "pueblos," which is Spanish for towns. The people of the pueblos raised what are called "the three sisters" -corn, beans, and squash. They made excellent pottery and wove marvelous baskets, some of them could hold water. The Southwest has always been a dry country, where water is scarce. The Hopi and Zuni brought water from streams to their fields and gardens through irrigation ditches. Water was so important that it played a major role in their religion. They developed elaborate ceremonies and religious rituals to bring rain. The way of life of less-settled groups was simpler and more strongly influenced by nature. Small tribes such as the Shoshone and Ute wandered the dry and mountainous lands between the Rocky Mountains and the Pacific Ocean. They gathered seeds and hunted small animals such as rabbits and snakes. In the Far North the ancestors of today's Inuit hunted seals, walruses, and the great whales. They lived right on the frozen seas in shelters called igloos built of blocks of packed snow. When summer came, they fished for salmon and hunted the lordly caribou. The Cheyenne, Pawnee, and Sioux tribes, known as the Plains Indians, lived on the grasslands between the Rocky Mountains and the Mississippi River. They hunted bison, commonly called the buffalo. Its meat was the chief food of these tribes, and its hide was used to make their clothing and the covering of their tents and tipis. Question The author uses the phrase "the three sisters" in opening line of the second paragraph to refer to

Answer : Important crops

Q. If log 2 = 0.30103, the number of digits in 264 is:

Answer : 20

Q. If cot A + cosec A = 3 and A is an acute angle, then the value of cos A is

Answer : 4/5

Q. In the circle given below, if the arc RT is equal to 1/6 of the circumference, what is the value of the angle x?

Answer : 60°

Q. A train covered first 120 km at a speed of 20 km an hour and then covered the remaining 180 km at a speed of 45 km an hour. Find its average speed.

Answer : 30km/hr

Q. Pick out the best alternative from the options for the underlined part of the sentence Every resident must help the Residents' Welfare Association for keep up the colony clean.

Answer : to keep the colony clean

Q. Area of parallelogram whose base is 8cm and height 5cm is

Answer : 40 sq.cm

Q. The average age of three boys is 15 years and their ages are in proportion 3:5:7. What is the age in years of the youngest boy?

Answer : 9

Q. A school has only four classes that contain 10, 20, 30 and 40 students respectively. The pass percentages of these classes are 20%, 30%, 60% and 100% respectively. Find the pass % of the entire school.

Answer :

Q. sin(18) cos(72)+sin(72) cos (18)

Answer : 1

Q. If a : b = 2 : 3 and b : c = 5 : 7, then find a : b : c

Answer : 10 : 15 : 21

Q. Consider the following statements: Albert: Dave did it. Dave : Tony did it. Gul: I did not do it. Tony: Dave lied when he said that I did it. If only one out of all above statements is false, who did it?

Answer : Dave

Q. Hari can complete a 50% of a work in 5 days, and Ramu can complete the same work in 40 days. If both are working together, they can complete the work in ?

Answer : 8 days

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 What is the cost price of a calculator on which the cost of R and D and machinery charges amount to Rs.127.50?

Answer : 300

Q. On an Island, three types of tribes live- Saca, Jhav and Lobe. Sacas' always tell the truth, Jhavs' always lie and Lobes' tell the truth and lie alternating (they can tell truth first or lie first). Three persons (of different tribes) from this Island give these statements. GABE: UCKO is of Sacas tribe; I am of Lobe tribe BORRIS: GABE is of Jhavs tribe; I am of Sacas Tribe UCKO: BORRIS is of Jhavs tribe; I am of Lobe tribe. GABE belongs to which tribe?

Answer : Jhavs

Q. P,Q,R and S are playind cards .P and Q are facing each other.S faces north.If P faces west,then who faces east?

Answer : Q

Q. If , then find the value of

Answer : 2

Q. Find the smallest three number which is a multiple of 7.

Answer : 105

Q. The sum of the square of three consecutive numbers is 2030. What is the middle number?

Answer : 26

Q. The maximum area of a rectangle with perimeter equal to 12 units will be

Answer : 9 square units

Q. Is the following statement True or False Statement: If the condition in Step C updates the value in Box 3 instead of Box 2, then the flow chart will enter into infinite loop

Answer : False

Q. Find the synonym of the given word PIOUS:

Answer : Religious

Q. The sum of first 20 odd natural numbers is

Answer : 400

Q. Common content The following table represents the area and population of five districts of a state. Refer to the table to answer the questions that follow. Question By what percentage is the area of District A more than the area of District C?

Answer : 8.5%

Q. 810.25 × 811.25 × 810.50 = ?

Answer : 6561

Q. Arrange the sentences A, B, C, and D in a proper sequence to make a coherent paragraph. A. Such a national policy will surely divide and never unite the people. B. In fact, it suits the purpose of the politicians; they can drag the people into submission by appealing to them in the name of religion. C. In order to inculcate the unquestioning belief they condemn the other states, which do not follow their religion. D. The emergence of the theocratic states where all types of crimes are committed in the name of religion, has revived the religion of the Middle Ages.

Answer : DBCA

Q. Following problem consists of a question and three statements I, II and III given below it. Read all the statements carefully and seek all possible combinations which could be sufficient

for answering a question. How many sons does E have? I. B has only one sister and one brother. II. D is the only daughter of G. III. C is the son of F and brother of D.

Answer : none of these

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 : Financial stringency prevented the State Government from paying salaries to its employees since April this year. Courses of action : I. The State Government should immediately curtail the staff strength at least by 30%. II. The State Government should reduce wasteful expenditure and arrange to pay the salaries of its employees.

Answer : if only II follows;

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) Environment Education unit of Centre for Science & Environment has always been working towards providing easy to understand reading material. B) Their new publication on this subject is an attempt to lend teachers a helping hand. C) It unfolds in two sections: Climate change: how to make sense of it all D) And natural resources how to share & care. E) However, they are introduced to students not as a paragraph to memorize but as an activity to do.

Answer : ABCDE

Q. A completes a work in 12 days and B completes the same work in 30 days. Find the number of days taken to complete the work if they are working together.

Answer : 60/7 days