

Examly Level 2 - Test 2

Q. Jennifer travels first 4 hours of her journey at a speed of 80 miles/hr and the remaining distance in 6 hours at a speed of 30 miles/hr. What is her average speed in miles/hr?

Answer : 50 miles / hr

Q. If 'R' stands for '-', 'A' stands for '+', 'B' stands for '÷' and 'C' stands for '×', then what is the value of the given equation ? $25 \text{ A } 37 \text{ C } 2 \text{ B } 4 \text{ R } 1 = ?$

Answer : 30

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

Answer : cautious

Q. In the below diagram, ABCD is a rectangle with $AE = EF = FB$. what is the ratio of the area of the triangle CEF and that of the rectangle ABCD?

Answer : 1 : 6

Q. What time between 3 'O' clock and 4 'O' clock, will the hands make an angle of 100° ? 3 hours 34 minutes CORRECT 3 hours 17 minutes

Answer : minutes

Q. A can do a piece of work in 12 days and B in 16 days. A began the work alone, After some days B joined the work. The work was completed in 9 days, in all. How many days before the completion of the work did B join the work?

Answer : 4

Q. Common content Study the given bar graph and pie chart to answer the following questions. The bar graph shows the production (in thousand tonnes) of Wheat, Rice and Maize in different states. Question What is the ratio of the production of Rice in Bihar to the production of Wheat in Haryana ?

Answer : 1:1

Q. Ravi is son of Aman's father's sister. Sahil is son of Divya who is mother of Gaurav and grandmother of Aman. Ashok is father of Tanya and Grandfather of Ravi. Divya is wife of Ashok. How is Gaurav's wife related to Tanya?

Answer : Sister-in-law

Q. Common content Read the passage and answer the questions that follows The growth of the Internet and the hype about the new economy has prompted many management gurus to lay a strong emphasis on building strong intangible assets. The essence of their argument is that companies should build competencies in areas such as design, supply chain management and brand building and leave the 'dirty-job of constructing and running factories to contractors. Indeed, the stellar performance of companies like Cisco and Enron in the 1990s, provided strong support for this argument. With the fall of Enron, which burnt its fingers while attempting to convert itself from a brick and mortar to a new economy outfit, this argument looks very weak. On the other hand, the good old 'smoke stack' companies, with their physical assets, look I safer to investors, even if they do not offer superlative returns. In their enthusiasm to propound the virtues of intangible assets, what consultants and academics seem to have forgotten is that life cannot go on without physical goods. The brush and paste with which we start the day, the morning coffee we have, the breakfast, lunch and dinner we eat all involve 'tangible' items. We ride to the office on 'physical' vehicles. A modern office consists of 'physical' assets such as chairs, tables, workstations, air-conditioners and coffee vending, machines. True, we do consume services such as Internet access, banking, courier and haircuts. But if we carefully reflect, we would realize that we consume much more of goods than services. This argument is applicable to both developing and developed countries. In developed countries, services account for a major portion of the GDP. But this does not imply that people in these countries do not need physical goods. It only means that physical production has shifted to low wage locations. The point to note is that someone has to manufacture goods. The entire world cannot operate on a 'virtual' paradigm! When Enron decided to move out of electricity generation into electricity trading, it thought to be smart. Indeed, before its recent collapse, it was quite arrogant towards the bigger companies in the energy industry, which owned a lot of physical assets. Former Enron CEO, Jeff Skilling, once commented (Fortune, December 24, 2001) on old economy companies. "These big companies will topple over from their own weight." Today, Enron has toppled but many of these old economy companies still exist! Moreover, companies like Cisco, which have been considered the ultimate experts in strategic outsourcing and supply chain management, were left clueless when the US technology sector recently went into a slowdown. This forced them to take massive write-offs. A point often overlooked is that it is usually much easier to evaluate quality of physical assets than that of intangible ones. Physical assets can be valued with a fairly high degree of accuracy using different methods such as book value, market price or replacement cost. But valuation of intangible assets like brands involves several assumptions, which often turn out to be wrong. In many cases, there is a huge gap between projected and actual cash flows. Moreover, the accounting practices of companies built around intangible assets are often controversial. For example, AOL capitalized its advertising expenditures for several years arguing that they were capital investments. The dividing line between expenditures, which will yield a one time benefit and those which will yield benefits over a period of time, is extremely thin. In the case of the 'smoke stack' companies on the other hand, accounting practices can be much more transparent. It is time to take the brick and mortar companies more seriously. These companies may not look so glamorous. They may also not achieve super normal growth rates. But they are safer bets. They have physical assets like real estate and plant and equipment, which cannot evaporate even if the markets crash! These assets can generate cash during bad times. And cash, as we all know, is the ultimate hedge against risk. But intangible assets such as corporate reputation can vanish overnight if things go wrong.

This is exactly what has happened with many of the new economy outfits. So, has the time come to say "Three Cheers" to the brick and mortar companies? Question The proponents of the new economy have laid stress on

Answer : Building competencies in design, supply chain management and brand building.

Q. Which of the following statements follows the conclusion? Conclusion: Some cow are dog. All ox being cat is a possibility. Statements: Some dog are cat. Some cat are cow. All cow are ox. All dog are cat. All cat are cow. Some cow are ox. All dog are cat. Some cat are cow. Some cow are ox. Some dog are cat. All cat are cow. Some cow are ox.

Answer :

Q. While searching for a Painter, Ali met three locals - Raj, Rajan and Roy - who always gave two replies to any question. Among them one is a truth teller, one is a liar and one is an alternator. When Ali asked them, "Who among you is the painter?", their replies were : Raj: I am the Painter Rajan is a liar Rajan: I am the Painter Roy is a liar Roy: Rajan is the Painter. Raj is a liar.

Answer : Rajan

Q. A dice is thrown twice, what is the probability that 5 will not come up either time?

Answer : $25/36$

Q. How many even numbers less than 10000 can be formed with the digits 3, 5, 7, 8, 9 without any repetition?

Answer : 41

Q. Find the total surface area of a cone, whose base radius is 3 cm and the perpendicular height is 4 cm(Approx.)?

Answer : 75 cm²

Q. The value of $\log_{343}(7)$ is: CORRECT 3 -3 Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:

Answer :

Q. There are two batches A and B of a class. Batch A consists of 36 students and batch B consists of 44 students. Find the average weight of whole class, if average weight of batch A is 40 kg and that of batch B is 35 kg.

Answer : 37.25 kg

Q. ABC has integer sides x, y, z such that $xz = 12$. How many such triangles are possible?

Answer : 9

Q. In each question below is given a statement followed by two assumptions numbered I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement. Statement: "In order to bring punctuality in our office, we must provide conveyance allowance to our employees." - In charge of a company tells Personnel Manager. Assumptions: Conveyance allowance will not help in bringing punctuality. Discipline and reward should always go hand in hand. Only assumption I is implicit

Answer : Only assumption II is implicit

Q. The measures of the angles of triangle are in ratio 2 : 7 : 11. Measures of angles are,

Answer : $18^\circ, 63^\circ, 99^\circ$

Q. At what time between 6 and 7 are the hands of a clock 8 minutes apart?

Answer : 24 min past 6

Q. P, Q and R have Rs.6000 among themselves. R has two-thirds of the total amount with P and Q. Find the amount with R?

Answer : Rs.2400

Q. Study the flowchart shown below to answer the following questions. A person wishes to avail a loan of Rs. 50, 00,000. He works for a government organization and does not own a house. Would he get the loan if he draws a salary of Rs. 60,000 and his age is 28 years. If he does get a loan, what amount would he be entitled? If not, by what amount he would be short of the required amount?

Answer : Yes, he would get a loan equal to Rs.57,60,000

Q. Select most suitable synonym nurture

Answer : nourish

Q. Read the following information carefully and answer the questions given below : P, Q, R, S, T, U and V are sitting around a circular table facing the centre R is next to the left of U and V is second to the left of R. P is sitting third to the left of T. Q is between S and T. What is the position of U?

Answer : Fourth to the right of S

Q. In an arithmetic progression the first term is 10 and its common difference is 8. If the general term is a_n , find $a_{19} - a_{11}$.

Answer : 64

Q. The ratio of number of men and women in a factory of 720 workers is 7 : 5. How many more women should be joined to make the ratio 1 : 1?

Answer : 120

Q. Kiran buys an article with 25% discount on the marked price. He makes a profit of 10% by selling it at Rs.660. What was the marked price?

Answer : Rs.800

Q. Pick out the best alternative for the underlined part in the given sentences. He left his studies; he has not able to resume his studies and possibly will never be able to resume his studies again.

Answer : he has not been and possibly will never be able to resume his studies.

Q. If 'x' Stands for 'addition' '<' for subtraction' '+' for division' '>' for multiplication' '-' for equal to' '+' for greater than and '-' for less than' state which of the following is true.? (a) $3 \times 4 > 2 - 9 + 3 < 3$ (b) $5 \times 3 < 7 = 8 + 4 > 1$ (c) $5 > 2 + 2 = 10 < 4 \times 8$ (d) $3 \times 2 < 4 \div 16 > 2 + 4$

Answer : $5 > 2 + 2 = 10 < 4 \times 8$

Q. If the second half of the English alphabet is written in reverse order then the position of which letter in the second half will remain same as in English alphabet?

Answer : T

Q. If Kannan spends 20% more than Surendar, he spends —% less than Kannan.

Answer : 16.67%

Q. Common content DIRECTIONS: Read the passage and answer the question based on it. Political education has many connotations. It may be defined as the preparation of a citizen to take well informed, responsible and sustained action for participation in the national struggle in order to achieve the socio-economic objectives of the country. The predominant socio- economic objectives in India are the abolition of poverty and the creation of a modern democratic, secular and socialist society in place of the present traditional, feudal, hierarchical and in egalitarian one. Under the colonial rule, the Congress leaders argued that political

education was an important part of education and refused to accept the official view that education and politics should not be mixed with one another. But when they came to power in 1947 they almost adopted the British policy and began to talk of education being defiled by politics. 'Hands off education' was the call to political parties. But in spite of it, political infiltration into the educational system has greatly increased in the sense that different political parties vie with each other to capture the mind of teachers and students. The wise academicians wanted political support, without political interference. What we have actually received is infinite political interference with little genuine political support. This interference with the educational system by political parties for their own ulterior motives is no political education at all and with the all round growth of elitism, it is hardly a matter for surprise that real political education within the school system (which really means the creation of a commitment to social transformation) has been even weaker than in the pre-independence period. During that time only, the struggle for freedom came to an end and the major non- formal agency of political education disappeared. The press played a major role by providing some political education. But it did not utilize the opportunity to the full and the strangle hold of vested interests continued to dominate it. The same can be said of political parties as well as of other institutions and agencies outside the school system which can be expected to provide political education. After analyzing all these things , it appears that we have made no progress in genuine political education in the post-independence period and have even slid back in some respects. For instance, the education system has become even more elite-oriented. Patriotism has become the first casualty. The father of the nation gave us the courage to oppose government when it was wrong, in a disciplined fashion and on basic principles. Today, we have even lost the courage to fight on basic issues in a disciplined manner because agitational and anarchic politics for individual, group or party aggrandizement has become common. In the recent times the education system continues to support domination of the privileged groups and domestication of the under- privileged ones. The situation will not change unless we take vigorous steps to provide genuine political education on an adequate scale. This is one of the major educational reforms we need, and if it is not carried out, mere linear expansion of the existing system of formal education will only support the status quo and hamper radical social transformation. Question How has politics been related to educational institutions after independence?

Answer : There was substantial interference without political support.

Q. On which floor is Shikha residing? I) In a six storey building (Ground floor is parking space), Rekha is on fourth floor. Shikha likes to reside only on even numbered floors. Reema is not on the topmost floor. II) Reema is two floors below Peter who is 3 floors above Shikha. 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. Dev completed the school project in 20 days. How many days will Arun take to complete the same work if he is 25% more efficient than Dev?

Answer : 16 days

Q. On dividing a number by 999,the quotient is 366 and the remainder is 103.The number is:

Answer : 365737

Q. The denominator of a fraction is 1 less than twice the numerator. If the numerator and denominator are both increased by 1, the fraction becomes $\frac{3}{5}$. Find the fraction?

Answer : $\frac{5}{9}$

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 : Reservation of short journey can be done only three days in advance” - A note put up by Railway authorities. Assumptions : I. People do not plan short journeys more than three days in advance. II. Short journeys do not need reservations. III. Administratively, it is not convenient for the Railways to provide the facility of reservation of short journeys more than 3 days in advance.

Answer : Only III is implicit

Q. By selling an article at Rs. 800, a shopkeeper makes a profit of 25%. At what price should he sell the article so as to make a loss of 25%?

Answer : Rs. 480

Q. A is 20% faster than B and takes 20 minutes for a certain distance. Time taken by B to cover double that distance is

Answer : 48 min

Q. Each of the following series consists of seven figures, two of which at the ends are unnumbered. One of the numbered figure does not fit into the series. Find out the figure.

Answer : 3

Q. In the following problems, you are told something about the result, and you must determine what the contents of the boxes must have been, in order to obtain that result. In these problems, the expression (number in box X) is abbreviated as (X). For example: "Is (4) greater than (7)?" means "Is (number in box 4) greater than (number in box 7)?" In each of the following problems, no two boxes contain the same number. Which of the boxes 1, 2, 3 CANNOT POSSIBLY contain the smallest number?

Answer : Box 3

Q. Which face is opposite to face with alphabet B, if four positions are given as below as?

Answer : E

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

Answer : 1

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) People started fearing a famine. B) Monsoon turned out to be unusually abundant and the danger was averted. C) The monsoon failed and water tanks became almost empty. D) So, no grain could be sown by the farmers in their fields. E) Farmers looked anxiously for the next monsoon.

Answer : CDAEB

Q. Common content Study the following table carefully and answer the questions based on it. The following table shows the production of minerals for some years as given. Question For which metal the increase in the production of that metal is maximum than the previous year.

Answer : Aluminium

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. Who among Girish, Prashant, Kamlesh and Jayesh is the youngest?
I. Kamlesh Is younger than Jayesh but older than Girish and Prashant. II. Jayesh is the oldest. III. Girish is older than Prashant.

Answer : I and III only

Q. In the following series, find which of the given number is wrong and does not follow the pattern: 633 624 598 534 409 193

Answer : 624

Q. If $\sec = 5/4$, then $\tan / (1 + \tan^2)$ is equal to

Answer : $12/25$

Q. 2 dice are thrown simultaneously. What is the probability that the sum of the numbers on the faces is divisible by either 3 or 5?

Answer : $19/36$

Q. How many 3-letter words with or without meaning, can be formed out of the letters of the word, 'LOGARITHMS', if repetition of letters is not allowed?

Answer : 720

Q. In a certain code language, if the word GROUND is coded as HPRQ SX, then what is coded as NOURISH ?

Answer : MQRVDYA

Q. In a certain school, the ratio of boys to girls is 7 : 5. If there are 2400 students in the school, then how many girls are there?

Answer : 1000

Q. $26 \times 10 - 4 \times 17 / 14 \times 14 + 20 =$

Answer : 8/9

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: Samosas are Jalebi. All Jalebis are Tikki. All Tikkis are Barfi Conclusion: I. All Jalebis are Barfi II. All Tikkis are Samosas III. All Samosas are Barfi IV. All Barfi are Jalebi

Answer : Only I and III follow

Q. P ran 40 m east, then turned left and ran 20 m and then turned to right and ran 18 m and turned to left, ran 24 m and finally turned to left and ran 12 m. Now he is running towards which direction.

Answer : West

Q. What is the sum of this series $1 + 1 + 2 + 8 + 3 + 27 + 4 + 64 + \dots - 10 + 1000$?

Answer : 3080

Q. The sentences given in each question, when arranged in the proper sequence, form a coherent paragraph. Each sentence is labelled with a letter. Choose the most logical order of sentences from among the given choices to construct a meaningful paragraph. (A) However, now that the Texan oil lines are in place and the regime is now being headed by an ex-consultant for an American oil company, the country is well on its way back to anarchy and internal disharmony. (B) Of course, Osama could not be caught. (C) On the pretext of wiping out terrorism from Afghanistan (which is now more popularly known as Pipelinistan) America bombed it to stone age. (D) Apart from enabling ego satisfaction for an empty head, it has served little else.

Answer : CBAD

Q. If $a - b = 3$ and $a^2 + b^2 = 29$, find the value of ab .

Answer : 10

Q. A fruit basket contains more apples than lemons. There are more lemons in the basket than there are oranges. The basket contains more apples than oranges. If the first two statements are true, the third statement is

Answer : true

Q. In an examination, 42% students failed in Hindi and 52% failed in English. If 17% had failed in both the subjects, the percentage of those who passed in both the subjects is?

Answer : 23

Q. In the sentence provided a part of the sentence is underlined. Beneath the sentence, four/five different ways of paraphrasing the underlined part are indicated. Choose the best alternative amongst the four/five. Each of the songs were great and the choice for the best one among all three was very difficult indeed. were great and choosing the best one among the three was very difficult indeed.

Answer : was great and choosing the best one among the three was very difficult indeed.

Q. The length of a rectangular floor is more than its breadth by 200%. If Rs. 324 is required to paint the floor at the rate of Rs. 3 per sq m, then what would be the length of the floor?

Answer : 18 m