

Examly Level 3 - Test 4

Q. Each of the questions given below comprises two statements followed by four conclusions numbered. I, II, III and IV. You have to assume both the statements correct, even if they differ from universally known facts. Go through all the conclusions and then ignoring the universally known facts ascertain as to which of the given conclusions can logically come up from the given statements. Statements- Some papers are balls. Ball is not spherical. Conclusions- I. Some papers are spherical II. Some balls are spherical. III. Some papers are not spherical. IV. Some balls are papers.

Answer : Only III and IV

Q. Common content Read the passage and answer the question that follows Many factors helped the dynamic growth that occurred in Japan and the four little dragons during the post-World War 2 period. Some of these factors were situation factors unique to the time but some of the factors were cultural. The legacy of Confucianism in Japan and the four little dragons helped to further the goals of industrialization that these nations had. The traditions of Confucianism provided for Japan and the four little dragons both a pliant public and a model for choosing competent leaders. Confucian traditions placed an emphasis on the values of the group over the individual. This helped industrialism by creating a pliant populace who were willing to accept long hours and low wages and not question government policies The traditions of Confucianism taught workers not to question authority. These traditions carried over into the post war period and allowed authoritarian regimes in the four little dragons to go unquestioned by the public. This lack of dissent allowed the four little dragons to have stable governments which were critical to-investment and industrialization. The stability of these nations was a direct result of Confucian values being indoctrinated into the population. Confucian placement of the group over the individual and strong belief in filial piety also caused families and local communities to accept social responsibility for members of their community. This safety net that was provided by communities and families allowed the government to limit it's spending on social welfare programs and thus channel more funds into infrastructure and industry. Confucianism also placed an emphasis of self-cultivation which has helped East Asian Countries to have a skilled and ambitious work force. The tradition of self cultivation like the work ethic that Max, Weber credited Protestantism of producing lead people to strive to acquire new skills, speak foreign language and in the offices and business of Japan, drive workers to strive with in their firms to improve group performance. Confucian traditions also placed emphasis on the creation of a meritocratic elite and the use of entrance exams. These traditions were in place before World War 2 in the East Asian countries but they helped the carrying out of the industrial policies of the post-war government of Japan and the little Dragons. The traditional system of meritocratic elite was adopted in the post war years in the form of meritoriously chosen bureaucracy that made and carried out many government policies. This elite was free from many of the strains of politics and thus was able to carry out policies that democratically elected leaders might not be able to pursue due to the changing feelings of the electorate. Also these bureaucrats because they were meritoriously chosen were the most able members of society and thus very skilled at handling industrial policies. The system of entrance exams in Asian countries helped to create skilled and proficient workers for industry. The entrance exams were able to target the most able young people and channel them into higher learning, and the entrance exam system was also able to-create intense competition

among young people spurring students to both acquire knowledge and disciplined work habits. These disciplined and knowledgeable workers were critical in providing the workers that made East Asian industries successful. Question What did the Confucian placement of the group over the individual result in?

Answer : Governments able to spend more on infrastructure and industry.

Q. What was the day of the week on 16th June, 1999?

Answer : Wednesday

Q. The sum of the squares of three numbers is 138, while the sum of their products taken two at a time is 131. Their sum is:

Answer : 20

Q. Read the passage carefully and answer the questions from the given options. Products sold under a brand name used to command premium prices because, in general, they were superior to non-brand rival products. Technical expertise in product development has become so widespread, however, that special quality advantages are very hard to obtain these days and even harder to maintain. As a consequence, brand-name products generally neither offer higher quality nor sell at higher prices. Paradoxically, brand names are a bigger marketing advantage than ever. Which of the following, if true, most helps to resolve the paradox outlined above?

Answer : Brand names are taken by consumers as a guarantee of getting a product as good as the best rival products.

Q. A ice cube of 196 cm² lateral surface area is manufactured. Then the total surface of that ice cube will be

Answer : 294 cm²

Q. In each of the following questions, select the most preferable sentence with respect to grammar, meaning and usage.

Answer : People are impressed by the style of dressing than by a person's character.

Q. Common content Study the following pie chart carefully and answer the questions given beside. The pie chart shows the percentage of the number of calculators manufactured by Casio on five different days of a week . The total number of calculators manufactured by Casio on Wednesday is 1680. Note: Casio is manufacturing two variants of calculators - Desktop calculators and Portable calculators. The total number of calculators (manufactured in a day) = Number of desktop calculators (manufactured in a day) + number of portable calculators (manufactured in a day) Question What will be the difference between the average

of number of calculators manufactured on Monday and Wednesday together and the average of number of calculators manufactured on Tuesday and Thursday together?

Answer : 210

Q. If $(2 \sin \theta - \cos \theta) / (\cos \theta + \sin \theta) = 1$ then the value of $\cot \theta$ is

Answer : $1/2$

Q. In the given problem, the first figure is related to the second figure in a certain way. Find the fourth figure, which is related to the third figure in the same way. A

Answer : A

Q. How many numbers greater than a million can be formed with the digits 2,3,0,3,4,2,3.

Answer : 360

Q. A big cube of 20 cm side having all of its sides green coloured is cut into small cubes of side 4 cm .How many such small cubes can be formed that will be having only one coloured face?

Answer : 54

Q. What day is the fourteenth of a given month I. The last day of the month is a Wednesday.
II. The third Saturday of the month was seventeenth.

Answer : If the data in statement II alone are sufficient answer the question

Q. Kundan moved 3 km in the West. Then he turned to his left and moved 4 km. Again he turned to his right and moved 2km. After this he turned to his right and moved 9km. Now how far is he and in what direction from the starting point?

Answer : $5\sqrt{2}$ km, North-West

Q. Common content In each question below is given a passage followed by some inferences. You have to examine each inference separately in the context of the passage and then decide upon the degree of truth or falsity of the inference. Mark answers (A) If you think that the answer is definitely true. (B) If you think that the answer is probably true. (C) If the data provided is inadequate to answer the question. (D) If the answer is definitely false. In the context of computers, the hardware specialties like the tendency of research connected with human factors, the design of the workstations, key boards, visual displays, etc are being concentrated, through the literature connected with interface and software problems, has recently been on the increase. There are two reasons for it. The first reason in the light of the increasing powers of computers is that the designers have got an opportunity to select and

organize that technique which the user follows in communicating the message. The second is that the human factors in research organizations have deviated from physical specialties of self-improving work-system and gone to the psychological dimensions of the man-machine interaction. Question How the user communicates message through computer hardware, is supposed to be the hardware area of human research.

Answer : B

Q. In the following questions the first and the last blocks mark the beginning and the end of a series respectively. The numbered blocks are a part of the series. However, one of these numbered blocks violates the pattern. Find the odd block and mark your answer from 1-5 accordingly.

Answer : 5

Q. A cyclist covers a distance of 800 meter in 4 minutes 20 seconds. What is the speed in km/hr of the cyclist?

Answer : 11.05 km/hr

Q. Which of the following series of signs are appropriate for the three boxes above?

Answer : + + -

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. If k and n are integers, is n divisible by 7 ? (A) $n - 3 = 2k$ (B) $2k - 4$ is divisible by 7. if statement (A) alone is sufficient to solve the question, but statement (B) alone is not. c

Answer : if neither statement (A) nor statement (B) is individually sufficient to solve the question, but a combination of both is sufficient to solve the question.

Q. A man sells an item for 700 and makes some profit. Then he sells the same item for 500 and his loss is $\frac{3}{5}$ th of the earlier profit. What is his approximate loss percentage in the second transaction?

Answer : 13

Q. If the breadth of a rectangle is decreased by 20 % and the length increased by 10 %, a square of area 1936 m² is obtained. The area of the rectangle in square metres is

Answer : 2200

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. The press is often called 'the fourth estate.' A. With enough freedom it can mould public opinion and express it freely'. B. It requires freedom so that it may act its part effectively. C. It plays a very important role in democracy. D. A censored press cannot perform all these functions effectively. 6. We are happy that the Indian press has enough opportunity to play its role well.

Answer : CBAD

Q. The cost of a diamond varies as the square of its weight. A diamond weighing 20 decigrams costs Rs. 4,800. Find the cost of a diamond of the same kind weighing 8 decigrams.

Answer : 768

Q. The degree of polynomial $p(x) = x^3 + 1 + 2x = 6x + 1/x$ is ?

Answer : 4

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? The thief was taken away when he saw the policeman and silently slipped out of that place.

Answer : was taken aback

Q. Fact 1: Jessica has four children Fact 2: Two of the children have blue eyes and two of the children have brown eyes. Fact 3: Half of the children are girls. If the first three statements are facts, which of the following statements must also be a fact? I: At least one girl has blue eyes. II: Two of the children are boys. III: The boys have brown eyes.

Answer : II only

Q. Common content In the 16th century, an age of great marine and terrestrial exploration, Ferdinand Magellan led the first expedition to sail around the world. As a young Portuguese noble, he served the king of Portugal, but he became involved in the quagmire of political intrigue at court and lost the king's favor. After he was dismissed from service by the king of Portugal, he offered to serve the future Emperor Charles V of Spain. A papal decree of 1493 had assigned all land in the New World west of 50 degrees W longitude to Spain and all the land east of that line to Portugal. Magellan offered to prove that the East Indies fell under Spanish authority. On September 20, 1519, Magellan set sail from Spain with five ships. More than a year later, one of these ships was exploring the topography of South America in search of a water route across the continent. This ship sank, but the remaining four ships searched along the southern peninsula of South America. Finally they found the passage they sought near 50 degrees S latitude. Magellan named this passage the Strait of All Saints, but today it is known as the Strait of Magellan. One ship deserted while in this passage and returned

to Spain, so fewer sailors were privileged to gaze at that first panorama of the Pacific Ocean. Those who remained crossed the meridian now known as the International Date Line in the early spring of 1521 after 98 days on the Pacific Ocean. During those long days at sea, many of Magellan's men died of starvation and disease. Later, Magellan became involved in an insular conflict in the Philippines and was killed in a tribal battle. Only one ship and 17 sailors under the command of the Basque navigator Elcano survived to complete the westward journey to Spain and thus prove once and for all that the world is round, with no precipice at the edge. Question One of Magellan's ships explored the — of South America for a passage across the continent.

Answer : physical features

Q. If $\log 2 = 0.30103$, Find the number of digits in 256 is

Answer : 17

**Q. Select the word or phrase which best expresses the meaning of the word typed in bold. :
By his speech he fermented trouble in the ranks of the army. Quietened**

Answer : Stirred up

Q. A man buys a fan for Rs. 1000 and sells it at a loss of 15%. What is the selling price of the fan?

Answer : Rs. 850

Q. In a factory, the average salary of the employees is Rs. 70. If the average salary of 12 officers is Rs. 400 and that of remaining employees is Rs. 60. Find the number of employees in the factory?

Answer : 408

Q. A shop owner has an unlimited supply of 8 different types of flowers. If a customer asks for a five flower arrangement such that the arrangement should start and end with the same type of flower, then in how many ways the arrangement can be made by the shop owner?

Answer : 84

Q. A bag contains 10 fruits out of which 3 fruits are bad. Two fruits are taken out together at random. If one fruit is good then what is the probability of getting other fruit also a good one?

Answer : $\frac{2}{3}$

Q. Read the following information to answer the given question. 1. Rage, Raider, Rattler, Razor, Reaper, Rictor and Rogue are sitting in a circle facing at the centre. 2. Reaper is the neighbour Rage and Razor. 3. Rogue is not between Rictor and Rattler. 4. Rictor is to the immediate right of Rage. Which of the following pairs are not adjacent to each other?

Answer : Raider Rage

Q. Select the option that is most nearly OPPOSITE in meaning to the given word : She used to disparage her neighbour every now and then. (OPPOSITE)

Answer : praise

Q. A's salary is 40% of B's salary which is 25% of C's salary. What percentage of C's salary is A's salary ?

Answer : 10

Q. capgemini-flow-chart-logical-reasoning-question-Answers-6

Answer : 14

Q. The surface area of the three cotermious faces of a cuboid are 6, 15, 10 sq.cm respectively. Find the volume of the cuboid.

Answer : 30

Q. For the following questions, four options are given. choose the correct option: The figure formed by joining the consecutive midpoints of the sides of a quadrilateral ABCD is a rhombus (and a rhombus only) if and only if ABCD is

Answer : a rectangle

Q.

Answer : 3775

Q. A can do a piece of work in 12 days. B can do this work in 16 days. A started the work alone. After how many days should B join him, so that the work is finished in 9 days?

Answer : 5 days

Q. The purpose of the following flow-chart is to add up the numbers in boxes 3, 4, 5, 6, 9, 10 and 11, and to put the total in box 7. In order to accomplish exactly this – no more and no

less – what number must be in box 2? flowchart-aptitude-questions-Q4Interview-9

Answer : 6

Q. Deepak said to Nitin, "That boy playing with the football is the younger of the two brothers of the daughter of my father's wife." How is the boy playing football related to Deepak?

Answer : Brother

Q. Find the sum of all three-digit numbers that give a remainder of 4 when they are divided by 5.

Answer : 99270

Q. If $9 * 2 * 5 = 23$ and $1 * 4 * 8 = 29$, then $1 * 6 * 3 = ?$

Answer : 19

Q. Study the following line graph and answer the questions based on it. Number of Vehicles Manufactured by Two companies over the Years (Number in Thousands) What is the average numbers of vehicles manufactured by Company X over the given period ? (rounded off to nearest integer)

Answer : 119333

Q. Find the value of $\tan x$, if $\sec x + \tan x = 9$

Answer : $40/9$

Q. $87 + 56 + 21 + 36$

Answer : 200

Q. Complete the series: 5, 21, 69, 213, 645, ?

Answer : 1941

Q. What least number be subtracted from each of the numbers 12, 17, 22, 32 so that the remainders may be in proportional?

Answer : 2

Q. 16.67% of which amount is Rs 200?

Answer : Rs.1200

Q. Study the following figure and answer the questions given below. How many artists are players ?

Answer : 25

Q. JAF, JEF, JIF, JOF, ?

Answer : JUF

Q. Read the following group of sentences. The 1st and the last sentences are numbered 1 and 6, the rest are numbered P,Q,R,S. Arrange these four sentences in proper order to form a meaningful paragraph/sentence. 1. Human behaviours are regulated by their P. A person's working pattern as well as living style. Q. Between these selves has an adverse effect upon R. Work done is the self portrait S. Real self and social self. Conflict 6. of the person who did it.

Answer : SQPR

Q. A coin is tossed live times. What is the probability that there is at the least one tail?

Answer : 31/32

Q. Light glows for every 13 seconds. How many times did it glow between 1 : 57 : 58 am and 3 : 20 : 47 am?

Answer : 382

Q. A and B start together from p, walking in the same direction. In 8 hours, A is in advance of B by 10 km. A then decreases his speed by $\frac{3}{4}$ km/hr and B increases his by $\frac{3}{4}$ km/hr. In what time will A be overtaken by B?

Answer : 40 hrs

Q. In a certain code language COMPUTER is written as RFUVQNPC. How will MEDICINE be written in that code language?

Answer : EOJDJEFM

Q. I. Apartments in the Riverdale Manor cost less than apartments in The Gaslight Commons. II. Apartments in the Livingston Gate cost more than apartments in the The Gaslight

Commons. III. Of the three apartment buildings, the Livingston Gate costs the most. If the first two statements are true, the third statement is

Answer : true

Q. Which interchange of signs will make the following equation correct? $(8 - 8) + 8 \times 32 = 64$

Answer : $+, \div, \times$

Q. **Statements:** Some cats are rats. All rats are bats. Some bats are jungles. **Conclusions:** I. Some jungles are cats. II. Some bats are cats. III. Some jungles are rats. IV. No jungles is cat.

Answer : Only either I or IV and II follow

Q. A can do as much work in 3 days as B can do in 5 days and B can do as much work in 2 days as C in 3 days, All of them together can do a certain piece of work in 20 days. How long will A alone take to do the work? 60 days

Answer : 40 days