

Examly Level 3 - Test 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. Who are the neighbors of Raider?

Answer : Rictor and Rattler

Q. Two dice are thrown together. What is the probability that the number obtained on one of the dice is multiple of number obtained on the other dice?

Answer : 11/18

Q. If LINGER is 123456 and FORCE is 56789, then FIERCE is

Answer : 456678

Q. A mixture contains alcohol and water in the ratio 4 : 3. If 5 liters of water is added to the mixture, the ratio becomes 4: 5. Find the quantity of alcohol in the given mixture.

Answer : 10

Q. The shadow of a building is 20m long when the angle of elevation of the Sun is 45°. Find the height of the building.

Answer : 20 m

Q. A cube is painted red on two adjacent sides, blue on the other two adjacent sides and then green on the remaining sides and then cut into 216 smaller cubes. How many cubes have red and green colored faces?

Answer : 16

Q. If $A + B$ means A is the mother of B; $A - B$ means A is the brother B; $A \% B$ means A is the father of B and $A \times B$ means A is the sister of B, which of the following shows that P is the maternal uncle of Q?

Answer : $P - M + N \times Q$

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** The Pope divided New World lands between Spain and Portugal according to their location on one side or the other of an imaginary geographical line 50 degrees west of Greenwich that extends in a — direction.

Answer : north and south

Q. Find the 7th term of the sequence 2, 10, 50, 250,

Answer : 31250

Q. Common content Mohan went to an Island on which there were three tribes of People. People from one of the tribes always spoke the truth. People from the second tribe always lied. People from the third tribe spoke truth and lie alternately. The Island had only 3 fruits, i.e. Apple, Mango and Banana. Mohan found three people X, Y and Z asked them about their favourite fruits. X: I like Apple. Y likes Mango Y: Z likes Mango. X like Banana Z: I like Apple. X like Banana If it is known that X, Y and Z belonged to different tribes and each one of them liked a different fruit, then answer the following questions. **Question** Which statement is correct ?

Answer : Y is truth teller

Q. The value of $\log_3 327$ is

Answer : 3

Q. Statements: No tree is fruit. All fruits are stones. All stones are rains. **Conclusions:** I. No stone is tree. II. No rain is tree. III. Some rains are fruits. IV. Some rains are trees.

Answer : Only either II or IV and III follow

Q. There are 4 letters and 4 addressed envelopes. If each letter is randomly placed in an envelope, then in how many ways can wrong choices be made?

Answer : $4! - 1$

Q. On which day is M's Birthday? I. M's birthday is not on a working day. II. M works on Sundays.

Answer : If the data in both the Statement I and II are not sufficient to answer the question.

Q. Food is sufficient for 100 men for 120 days. For how many days the food is sufficient for 1000 men?

Answer : 12

Q. If the figures continue to change in the same order what should the fifth figure be?" A

Answer : C

Q. What will be the total weight of 10 poles each of the same weight ? I. One-fourth of the weight of a pole is 5 kilograms. II. The total weight of three poles is 20 kilograms more than the total weight of two poles.

Answer : If the data either in I or II alone are sufficient to answer the question

Q. If 6 men and 8 boys can do a piece of work in 10 days while 26 men and 48 boys can do the same in 2 days what is time taken by 15 men and 20 boys?

Answer : 4 days

Q. 37×-265

Answer : -9805

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. Youths are the assets and hope of a nation P. in making India a great Q. Steeped in old cultural values R. They can play a vital role S. democratic, progressive and prosperous country. 6. But equipped with modern scientific knowledge.

Answer : QPRS

Q. Select the most suitable synonym absolve

Answer : forgive

Q. Vijyan started to move in the direction of south. After moving 15 m, he turned to his left and moved 15 m. again he turned to his left and moved 15 m. Now how far is he from his starting point and in what direction?

Answer : None of these

Q. Conclusions: Some mugs are plates At least some trays are cups Statements: Statements – 1: Some cups are trays. Some trays are plates. Some plates are mugs Statements – 2: Some cups are plates. Some plates are trays. Some trays are mugs Statements – 3: All cups are trays. Some trays are plates. No plate is mug Statements – 4: All cups are trays. All trays are plates. No plates is mug Statements – 5: Some cups are trays. Some trays are plates. No plate is mug

Answer : Only Statements – 1

Q. Common content The following table is the flight schedule of different flights from Hyderabad to Delhi. Study the table carefully and answer the questions that follow. IST stands for Indian Standard Time. Air distance between Hyderabad and Delhi is 800 miles. Question The flights which take the minimum and the maximum time to fly from Hyderabad to Delhi are respectively

Answer : B and E

Q. A man sold 12 candies at Rs.10 had loss of $b\%$, then again sold 12 candies at Rs.12 had profit of $b\%$. Find the value of b .

Answer : 9.09

Q. Amy has to visit towns B and C in any order. The roads connecting these towns with her home are shown on the diagram. How many different routes can she take starting from A and returning to A, going through both B and C (but not more than once through each) and not travelling any road twice on the same trip?

Answer : 8

Q. A boat moves downstream at the rate of 1 km in 6 minutes and upstream at the rate of 1 km in 10 minutes. The speed of the current is

Answer : 2 km/hr

Q. Choose the correct antonym of the given word Jocose

Answer : dull

Q. A student multiplied a number by $\frac{3}{5}$ instead of $\frac{5}{3}$, What is the percentage error in the calculation ?

Answer : 64%

Q. If each interior angle of a regular polygon is 150 degrees, then it is

Answer : Dodecagon

Q. The last two digits of 2151415?

Answer : 51

Q. Each question consists of four sentences on a topic. Some sentences are grammatically incorrect or inappropriate. Identify the incorrect sentence or sentences: A. Experts say communication is the key. B. Even though teenagers appear indifferent, let them know you care. C. So I ask questions as, "How was your day?". D. And I have to endure those heavy, knowing sighs.

Answer : Only C

Q. The measure of an angle which is five times its complement is

Answer : 75°

Q. It was Tuesday on Feb 8, 2005. What was the day of the week on Feb 8, 2004?

Answer : Sunday

Q. In each of the following questions, there are four figures (i), (ii), (iii) and (iv) which constitute the problem set and answer figures marked 1, 2, 3, 4 each consisting of two figures marked (i) and (iv) which constitute the answer set. Select figure from the answer sets the contents of which best substitute (?) in the problem set such that figure (iii) is related to figure (iv) in same way as figure (i) is related to figure (ii). CORRECT Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:

Answer :

Q. There are 15 boys and 10 girls in a class. If three students are selected at random, what is the probability that 1 girl and 2 boys are selected?

Answer : 21 / 46

Q. Find the missing terms AN, BM, CL, DK, —

Answer : EJ

Q. Cost of 3 cricket balls = cost of 2 pairs of leg pads. Cost of 3 pairs of leg pads = cost of 2 pairs of gloves. Cost of 3 pairs of gloves = cost of 2 cricket bats. If a cricket bat costs Rs 54, what is the cost of a cricket ball.

Answer : 16

Q. What is the sum of two consecutive even numbers, the difference of whose squares is 84?

Answer : 42

Q. There are 6 books on Physics, 3 on Chemistry and 4 on Biology. In how many ways can these be placed on a shelf if the books on the same subject are to be together?

Answer : 622080

Q. 20 men can complete a piece of work in 10 days but after every 4 days 5 men are called off. In how many days the work will be finished?

Answer : 8 days

Q. An investor invests a sum of money in 5% stock at 70, twice as much money in 7% stock at 98, four times as much money in 9% stock at 70. The average income on an investment of Rs.100 is

Answer : Rs.10.41

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. The number of slums in the cities is on the rise due to this migration more so in the peripheral housing colonies. B. While addressing the issue, the government should look into the social and human development aspect of these labourers by refining their status and requirements and resettle them in a distinct, demarcated area in the city. C. If the government does not take any steps, the urban poor will impede urban development. D. There has been an unprecedented migration to the cities, especially due to drought. E. This creates a number of social, legal and health problems, apart from encroachment and increase in the population of urban poor.

Answer : DAECB

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 : "Unless the quality of inputs is improved and maintained, the quality of outputs cannot be improved". - Production Manager tells the Purchase Manager. Assumptions : I. Customer complaints have increased. II. The root cause of poor quality of outputs is the poor quality of inputs. III. Quality of inputs is in tangible form and can be controlled.

Answer : Only II and III are implicit

Q. $(14)^2 - (.06)^2$

Answer : None of these

Q. There is a square field with each side 500 metres long. It has a compound wall along its perimeter. At one of its corners, a triangular area of the field is to be cordoned off by erecting a straight line fence. The compound wall and the fence will form its borders. If the length of the fence is 100 m, What is the maximum area in square metres that can be cordoned off?

Answer : 2,500

Q. I have a certain number of beads numbering between 600 and 900. If 2 beads are taken away the remainder can be equally divided among 3, 4, 5, 6, 7 or 12 boys. Find the number of beads I have.

Answer : 842

Q. The average attendance of a class for Monday, Tuesday and Wednesday was 38. The average for Tuesday and Wednesday and Thursday was 42. The attendance on Thursday was 40. Find the attendance on Monday.

Answer : 28

Q. $xy = a$, $xz = b$, $yz = c$, then $x^2 + y^2 + z^2 =$ **CORRECT** Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:

Answer :

Q. One man adds 3 litre of water to 12 liters of milk and another 4 liters of water to 10 liters of milk.what is the ratio of strengths of the milk in the two mixtures?

Answer : 28/25

Q. Should high chimneys be installed in industries? Arguments: 1. Yes. It reduces pollution

at ground level 2. No. It increments pollution in upper atmosphere

Answer : Only 1 is true

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 difference between the number of vehicles manufactured by Company Y in 2000 and 2001 ?

Answer : 21000

Q. The purpose of the following flow-chart is to put a zero in each of the boxes: 4, 5 and 6. In order to accomplish exactly this – no more and no less – what number must be in box 11?
flowchart-aptitude-questions-Q4Interview-6

Answer : 7

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

Answer : Owing to floods, many trains must stop if the rains last over the weekend.

Q. Find the analogy of the pair: 121: 12:: 25:?

Answer : 6

Q. A rectangular sheet of dimensions 4 m \times 44 m is folded along its length to make a cylinder. Find the volume of the cylinder,

Answer : 616 cu. m

Q. Study the flow chart give below and the questions that follow. thoughtworks-flow-chart-logical-reasoning-question-Answers-10

Answer : 4

Q. Study the following figure and answer the questions given below. How many doctors are neither artists nor players ?

Answer : 17

Q. What time between 7 'O' clock and 8 'O' clock, will the hands be opposite to each other ?
7 hours 5 minutes 7 hours 4 minutes

Answer : minutes

Q. If $(3)2 @ 1 * 7 = 98$ and $(4)2 @ 2 * 16 = 178$, then $(5)2 @ 3 * 9 = ?$

Answer : 262

Q. I. All the offices on the 9th floor have wall-to-wall carpeting. II. No wall-to-wall carpeting is pink. III. None of the offices on the 9th floor has pink wall-to-wall carpeting. If the first two statements are true, the third statement is

Answer : true

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 The tone of the passage may be best described as
Answer : Analytical

