

Examly Level 5 - Test 2

Q. $-8976.7 + 836 / -1 + 313$

Answer : -9499.7

Q. Two different numbers when divided by the same divisor, left remainder 11 and 21 respectively, and when their sum was divided by the same divisor, remainder was 4. What is the divisor?

Answer : 28

Q. Two circles are placed in an equilateral triangle as shown in the figure. What is the ratio of the area of the smaller circle to that of the equilateral triangle

Answer : $\frac{27}{4}\sqrt{3}$

Q. With an average speed of 40 km/h, a train reaches its destination in time. If it goes with an average speed of 35 km/h, it is late by 15 minutes. The length of the total journey is:

Answer : 70 km

Q. Common content study the given chart and answer the questions Question What is the possible reason that candidate did not get his joining confirmation after clearing GD/PI cutoff?

Answer : Might be candidate did not appeared on the date of documentation.

Q. Common content These questions are based on the following bar graph which shows the production of barley by 5 companies given in the order P,Q,R,S and T in the years 2003 and 2004 (in lakh tonnes) Production of barley (in lakh tonnes) Question Company R's production in 2004 is what percentage of company T's production in 2003?

Answer : 100%

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

Answer : 14

Q. From a group of 7 men and 6 women, five persons are to be selected to form a committee

so that at least 3 men are there on the committee. In how many ways can it be done?

Answer : 756

Q. In each of the following questions, 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. As man, became more civilized, he began to exploit nature for his own use, with utter disregard for Nature's balance that had evolved over aeons. A. We are destroying our very own planet Earth. B. According to the renowned environmentalist J.C. Daniel, the future is bleak. C. By about the middle of the 21st century, all the world's primary tropical forests would be gone. D. The result of this indiscriminate exploitation is now before us as a grim reality. 6. Over half the 1.7 million species of plants and animals would have become extinct.

Answer : DBAC

Q. A and B working separately can finish a work in 12 and 18 days respectively. If they work together for 5 days and then A goes away, in how many days will B complete the work?

Answer : 5.5 days

Q. I. $12x^2 - 7x = -1$ II. $2y^2 + 22y + 56 = 0$ $x < y$

Answer : $x > y$

Q. Find the next Figure ? CORRECT Status: Not Viewed Mark obtained: 0/1 Hints used: 0 Level:

Answer :

Q. These questions are based on the data given below. There are four executives A, B, C and D each working in a different organization amongst Microsoft, Oracle, Infosys and IBM, not necessarily in the same order. Each of them gives three replies to any question asked, which are alternately true or false, in any order. When asked to mention the name of the executive and the organization that he works for, they gave the following replies: A: C works with Microsoft. D works with IBM. B works with Infosys. B: A works with IBM. C works with Infosys. D works with Oracle. C: D works with Microsoft. B works with Oracle. A works with Infosys. D: B is not working with Infosys. A is working with IBM. C is not working with Microsoft. A definite arrangement can be obtained from the above information. Solve the questions based on the above data. Who among the following works with Microsoft?

Answer : A

Q. 1 kg of cashews costs Rs. 100 and 1 kg of walnuts costs Rs. 120. If a mixture of cashews and walnuts is sold at Rs. 105 per kg, then what fraction of the total mixture are walnuts?

Answer : $1/4$

Q. In the following question, correct the equation by interchanging the two signs. $6 \div 17 \times 51 + 6 - 12 = -4$

Answer : $+$ and \div

Q. If $\sin^2 \theta + (\sin \theta)^2 = 1$, then the value of $(\cos \theta)^{12} + 3(\cos \theta)^{10} + 3(\cos \theta)^8 + (\cos \theta)^6 - 1$ is

Answer : 0

Q. A landmark on the bank of a river are observed from two points A and B on the opposite bank of the river. The lines of sight make equal angles of 30° with the bank of the river. If $AB = 3$ km, then the width of the river (in kilometre) is

Answer : $\sqrt{3}/2$

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 : Doordarshan is concerned about the quality of its programmes particularly in view of stiff competition it is facing from STAR and other satellite TV channels and is contemplating various measures to attract talent for its programmes. Courses of action : I. In an effort to attract talent, the Doordarshan has decided to revise its fee structure for the artists. II. The fee structure should not be revised until other electronic media also revise it. if only I follows;

Answer : if only I follows;

Q. A can complete 50% of a job in 9 days and B can complete 25% of the job in 9 days if they worked alone. If they work together, how much of the job (in %) they can complete in 9 days?

Answer : 75

Q. AB, BC, BD, AC and CE bisect $\angle C$, $\angle A = 30^\circ$. Then, what is $\angle CED$?

Answer : 60°

Q. A yearly payment to the servant is Rs 90 plus one turban. The servant leaves the job after 9 months and receives Rs 65 and a turban. Then, find the price of the turban

Answer : Rs 10

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. How many doctors are practicing in this town? I. There is one doctor per seven hundred residents. II. There are 16 wards with each ward having as many doctors as the number of wards.

Answer : If the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question.

Q. Battery X lasts longer than Battery Y. Battery Y doesn't last as long as Battery Z. Battery Z lasts longer than Battery X.

Answer : uncertain

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

Answer : success

Q. Two merchants sell, each an article for Rs.1000. If Merchant A computes his profit on cost price, while Merchant B computes his profit on selling price, they end up making profits of 25% respectively. By how much is the profit made by Merchant B greater than that of Merchant A?

Answer : Rs.50

Q. There are 120 legs and 50 heads of some ducks and horses grazing in a field. Find the number of horses.

Answer : 10

Q. P) Domain experts, journalists and former Army officials have analysed the strategic importance of Ladakh to India and China. Q) The barren landscape of Ladakh is yet to be fully explored for natural resources. R) The region is crucial to both India and China's plans to boost their respective economies. S) For China, it is not limited to territorial dominance over the Galwan Valley alone.

Answer : PSQR

Q. One who treats hearing difficulties:

Answer : an audiologist

Q. If $A = 83 \times 54$ and $B = 85 \times 53$, then what is the value of $A \times B$?

Answer : 224×57

Q. Common content Read the following passage and answer the questions carefully. Certain words are printed in bold in order to help you locate them while answering some of the question. United States President Donald Trump's announcement that Washington will withdraw the GSP (Generalized System of Preferences) trade status given to India 30 years ago came hours after former diplomat S. Jaishankar assumed office as External Affairs Minister, pointing to the fact that the immediate challenges before him will come from the U.S., and its "great power rivalry" with Russia and China. Even without the GSP decision, the India-U.S. trade relationship had been under heavy strain for the past year, over what the Washington calls unfair trade restrictions on sale of dairy products and medical equipment, as well as proposed Indian regulations on data localisation and e-commerce companies operating here. Despite several rounds of talks on a comprehensive trade package, there has been no breakthrough, and Mr. Jaishankar will have to work with the new Commerce Minister Piyush Goyal to revive the talks, possibly when Secretary of State Mike Pompeo visits Delhi this month. On Thursday, the U.S. Special Representative for Iran, Brian Hook, said plainly that the U.S. would sanction, without exception, any country that buys or has bought Iranian oil after the May 2 deadline. While India has not bought Iranian oil since May 2, it is yet to say categorically that it won't, and the new External Affairs Minister is expected to make a clear policy statement on this soon. Russia and China have opposed the sanctions, and are likely to discuss this at the upcoming SCO (Shanghai Cooperation Organization) summit with Prime Minister Narendra Modi. On Friday, a senior State Department official told a group of reporters in Washington, that the U.S. would also bring sanctions under the Countering America's Adversaries through Sanctions Act, CAATSA, against India, if it goes ahead with its purchase of the S-400 Triumf missile shield from Russia. The purchase would "preclude" a deep and broad defence relationship with the U.S., the official said. India has announced that it will India get its first Triumf system by October 2020 and the \$5.5 billion contract will be completed by April 2023, and unless the government changes plans, it is set on a collision course with the U.S. on the issue. On Saturday, Acting Secretary of Defense Patrick Shanahan made it clear that the U.S. wants its partners to join in the ban on Chinese telecommunication company Huawei for its 5G technology. "Huawei is too close to the [Chinese] government," said Mr. Shanahan, speaking at the annual "Shangri-La Dialogue" in Singapore, warning of cybersecurity and intellectual property issues with the company. Mr. Shanahan's warnings followed a stark message from Mr. Pompeo, who said during a visit to Germany on Friday that the U.S. may cut intelligence sharing with countries that choose telecom companies the U.S. doesn't trust. India has thus far declined to ban Huawei from its process for 5G telecommunication network. **Question** Which among the following is NOT a country that is expected to give a headache to the new External Affairs Minister of India, S Jaishankar, as described in the passage?

Answer : Bulgaria

Q. A box contains 25 tickets, numbered 1, 2, 3,.....25 . A ticket is drawn and then another ticket is drawn without replacement. Find the probability that both tickets will show odd numbers.

Answer : $13/50$

Q. Find the missing term in the following number series? 584, 559, 608, 527, ?, 479

Answer : 648

Q. An accurate clock shows 10 o'clock in the evening. Through how many degrees will the hour hand rotate when the clock shows 4 o'clock in the morning?

Answer : 180°

Q. How many six digit numbers can be formed from the digits 1, 2, 3, 4, 5, 6, which are divisible by 4 and digits are not repeated?

Answer : 192

Q. A hemisphere is kept on top of a cube. Its front view is shown in the given figure. The total height of the figure is 21 cm. The ratio of curved surface area of the hemisphere and total surface area of cube is $11 : 42$. What is the total volume (in cm^3) of the figure?

Answer : 3462.67

Q. In each of the following sentences a part of the sentence or the whole sentence is underlined. Beneath each sentence, four different ways of phrasing the underlined part are indicated. Choose the best alternative from among the four. Because young children do not organize their attention or perceptions systematically, like adults, they may notice and remember details that their elders ignore.

Answer : as adults do

Q. Flight A usually takes 1 hour more than Flight B to travel a distance of 7200 km. Due to engine trouble, the speed of flight B becomes $\frac{5}{6}$ times of its actual speed, so it takes 36 minutes more than Flight A to complete the same journey. What is the speed of Flight A (in km/hr)?

Answer : 800

Q. The following question contains three views of a dice. Study them and find out the correct statement from the given choices.

Answer : All the above.

Q. In each question given below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement. Statements: All papers are files. Some files are pens. Conclusions: I. No paper is a pen. II. Some pens are papers.

Answer : If either in conclusion I or the conclusion II is true.

Q. Find the missing term C, H, ?, V, P

Answer : X

Q. Which year has the same calendar as 1700 ?

Answer : 1706

Q. A sum of money is divided among Pranav, Suyesh and Bhupesh. So that to each rupee Pranav gets, Suyesh gets 65 paise and Bhupesh gets 40 paise, If Bhupesh's share is Rs.40 then the sum must be

Answer : Rs.205

Q. Three containers A, B and C are having mixtures of milk and water in the ratio of 1:5, 3:5, 5:7 respectively. If the capacities of the containers are in the ratio 5:4:5, find the ratio of milk to water, if all the three containers are mixed together.

Answer : 53:115

Q. Pointing to a woman in a photograph, a man said, "the son of her sister's father is the maternal uncle of my son". How is the sister of the woman is related to the son of the man?

Answer : mother or mother's sister

Q. The average salary of Sanjay from January to June is Rs. 12000 and from July to September is Rs. 13000 and for last 3 months the average salary is Rs. 1500 more than July to September. Find the average annual salary of Sanjay.

Answer : Rs. 12875

Q. In a class, 40% of the students study math and science. 60% of the students study math. What is the probability of a student studying science given he/she is already studying math?

Answer : 0.67

Q. What is code of "called" ? I. In certain language, " meeting had been called" is written as " sx vt bv mp" and " they called every time" is written as " bv ct fa jl " . II. " you called every hour" is written as " ca bv jl ma".

Answer : if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient in answer the question.

Q. How many Semicircles are there in the given figure?

Answer : 12

Q. Direction (Q. 1-5): Study the following table carefully and answer the given questions. Before merging with State Bank of India, a data about employees worked in associate banks. The following table shows the total employees worked in these banks and the ratios of Clerk, PO and SO among them. What is the total number of PO worked in all six banks together?

Answer : 144270

Q. In a class of 50 students, 18 take Chorus, 26 take Band, and 2 take both Chorus and Band. How many students in the class are not enrolled in either Chorus or Band?

Answer : 8

Q. Maslow's Hierarchy of needs states that we must satisfy each need in turn starting with the first, dealing in the most obvious needs of survival itself. starting with the first, which deals with the most obvious needs of survival itself.

Answer : starting with the first, which deals with the most obvious needs of survival itself.

Q. A man purchased a scooter for Rs 20000 and got it insured for 80% of the value. The scooter was totally destroyed in an accident and the insurance company compensated him for only 80% of the claim. What was the loss suffered (in%)?

Answer : 36%

Q. India will soon become a nation producing world leading products developed by a large number of small local entrepreneurs. Which of the following is/are valid argument/arguments?
I. No. The true potential of entrepreneurship can be attained not by having too many startups but by ensuring that these startups grow into sizeable businesses. II. Yes. Starting up a business is a hard task and growing it is much easier. III. No. We support seeding of businesses but once these businesses are successful, our policies simply do not seem to help them.

Answer : Only I and III

Q. A person walks from A and moves 3km eastwards to B and then turns left and travels thrice that distance to reach C. He again turns left and travels five times the distance he covered between A and B and reaches his destination D. How far is he from the starting point?

Answer : 15km

Q. The value of $\log (9/8) - \log (27/32) + \log (3/4)$ is—?

Answer : 0

Q. In order to make a square rod, seven equal cubes each of side 5 cm are welded together. Then what is the surface area of the square rod?

Answer : 750 cm²

Q. Statements: 10% truth is false Some false is correct Mostly correct is answer Conclusions: I. No answer is truth II. Some false is answer

Answer : Neither conclusion I nor conclusion II follows

Q. Find the first term of an AP whose 8th and 12th terms are respectively 39 and 59.

Answer : 4

Q. In a symbolic language, 'ish lto inm' means 'neat and tidy', 'qpr inm sen' means 'small but neat' and 'hsm sen rso' means 'good but erratic', then in this language, which symbolic code has been used for 'but'? ish

Answer : sen

Q. Common content Read the passage given below and answer the questions that follow The trend of women's entry in top echelons of management hides the seemingly insurmountable barriers that have been overcome by the protagonists in a male dominated society. Time has come when the bias against women will become a thing of the past. Progressive organizations have been doing their level best to give talented women managers their rightful place hierarchy. Still a lot needs to be done to shed the bias against women in Management. Problems seen in organizations are age-old. Some of them are: Women in organizations cannot act like women nor can they act like men. If they act like men, they are considered to be unfeminine. If they act feminine, they are considered to be weak. A very narrow bandwidth of acceptable behavior exists. They have to be lady-like and refrain from doing the things men do to gather power and control. Assertiveness and aggression is valued in men but not in women. Further reinforcements of the Glass Ceiling: Glass Ceilings are reinforced by emphasizing the differences between the sexes and by playing gender-roles. Some of the ways in which this is done are attribution, presumed male ability and transactional analysis. Women rarely get credit for what they do: It's always either a fluke or an accident, or somebody else did it and she took the credit. If a man gets promoted, It's because of ability. If a woman gets promoted, she slept her way to the top. In a classic experiment men and women were asked to evaluate the intelligence, persuasiveness and style of a set of essays. The subjects were told that the essays were written either by John T. McKay, J.T. McKay, or Joan T. McKay.

Although they were identical, Joan's essays received consistently lower ratings from both men and women than John's. Just Like a Man: the ultimate compliment Most men think that the ultimate compliment that can be paid to a woman (in terms of her professionalism) is to call her a man. As Golda Meir (first lady PM of Israel) writes "A story once went the rounds of Israel to the effect that Ben-Gurion (a senior figure) described me as the 'only man' in his cabinet. What amused me about it was that obviously he thought that this was the greatest possible compliment that could be paid to a woman. I very much doubt that any man would have been flattered if I had said about him that he was the only woman in the government". This kind of attitude assumes that in a man, ability is in-born but a woman has to work hard to acquire it. By virtue of gender, a man will be expected to have no trouble with a given task, while a woman will most probably fail. The Set-Up-To Fail syndrome that plagues a number of organizations usually begins with such assumptions. Question Which of the following, according to the passage, is true?

Answer : Women have a limited range of behavior to chose from, in organizational settings.x

Q. If L stands for +, M stands for, -, N stands \times , P stands for \div , then $14 \text{ N } 10 \text{ L } 42 \text{ P } 2 \text{ M } 8 = ?$

Answer : 153

Q. Common content Study the following information carefully to answer the given questions: Twelve people are sitting in two parallel rows containing six people each, in such a way that there is an equal distance between adjacent persons. In row-1 J, K, L, M, N and O are seated and all of them are facing south. In row-2 U, V, W, X, Y and Z are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. M sits third to right of K. Either M or K sits at an extreme end of the line. The one who faces K sits second to right of Y. Two people sit between V and Z. Neither V nor Z sits at an extreme end of the line. The immediate neighbour of V faces the person who sits third to left of J. L and N are immediate neighbours of each other. W sits second to the left of U. N does not face the immediate neighbour of X. Question Which of the following person sits immediate right of X?

Answer : No one sitting