



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

UPSC CSE 2015 (Prelims Paper-2: CSAT) Previous Year Paper (23-Jun-2015)

Total Time: 2 Hour

Total Marks: 200

Instructions

1. Test will auto submit when the Time is up.
2. The Test comprises of multiple choice questions (MCQ) with one or more correct answers.
3. The clock in the top right corner will display the remaining time available for you to complete the examination.

Navigating & Answering a Question

1. The answer will be saved automatically upon clicking on an option amongst the given choices of answer.
2. To deselect your chosen answer, click on the clear response button.
3. The marking scheme will be displayed for each question on the top right corner of the test window.

Your Personal Exams Guide

UPSC IAS PYP 2015 GS PAPER 2(CSAT)

1. Read the following passages and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Human history abounds in claims and theories confining the right of governing to a few select citizens. Exclusion of the many is justified on the ground that human beings may be rightfully segregated for the good of society and viability of the political process.

Which one of the following statements is least essential as a part of the argument in the above passage?

- a. Man seeks control over external things affecting him.
- b. In society, there are 'super' and 'sub' human beings.
- c. Exceptions to universal citizen participation are conducive to systemic efficacy.
- d. Governing implies recognition of disparities in individual capacities.

-
2. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

By 2050, the Earth's population will likely have swelled from seven to nine billion people. To fill all those stomachs while accounting for shifting consumption patterns, climate change, and a finite amount of arable land and potable water some experts say food production will have to double. How can we make the numbers add up? Experts say higher yielding crop varieties and more efficient farming methods will be crucial. So will waste reduction. Experts urge cities to reclaim nutrients and water from waste streams and preserve farmland. Poor countries, they say, can improve crop storage and packaging and rich nations could cut back on resource intensive foods like meat.

Which one of the following statements best sums up the above passage ?

- a. The population of the world is growing very fast.
- b. Food security is a perennial problem only in developing countries.
- c. The world does not have enough resources to meet the impending food scarcity.
- d. Food security is increasingly a collective challenge.

-
3. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Many people in India feel that if we cut our defence expenditure on weapon-building, we can create a climate of peace with our neighbours, subsequently reducing the conflict or creating a no-war situation. People who proclaim such ideas are either the victims of war or the propagators of false argument.

With reference to the above passage, which of the following is the most valid assumption?

- a. Building of weapons systems by us has instigated our neighbours to wage wars against us.
- b. The greater spending on weapon-building by us would lessen the possibility of armed conflict with our neighbours.
- c. It is necessary to have state of the art weapons systems for national security.
- d. Many people in India believe that we are wasting our resources on weapon-building.

4. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

India accounts for nearly a fifth of the world's child deaths. In terms of numbers, it is the highest in the world – nearly 16 lakhs every year. Of these, more than half die in the first month of life. Officials believe that the reason for this is the absence of steps to propagate basic health practices relating to breast feeding and immunisation. Also the large reproductive population of 2.6 crore remains bereft of care during the critical phases of pregnancy and post-delivery. Added to this is the prevalence of child marriages, anaemia among young women and lack of focus on adolescent sanitation, all of which impact child death rates.

Which is the critical inference that can be made from the above passage?

- a. A lot of Indians are illiterate and hence do not recognize the value of basic health practices.
- b. India has a very huge population and the government alone cannot manage public health services.
- c. Universalization and integration of maternal health and child health services can effectively address the problem.
- d. The nutrition of women in child bearing age does not affect child mortality rate.

5. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Foods travel more than the people who eat them. Grocery stores and supermarkets are loaded with preserved and processed foods. This, however, often leads to environmental threats, such as pollution generated by long distance food transportation and wastage of food

during processing and transportation, destruction of rain forests, reduced nutritional content, increased demand for preservation and packaging. Food insecurity also increases as the produce comes from regions that are not feeding their own population properly.

With reference to the above passage, which of the following statements is/are true?

- 1) Consuming regionally grown food and not depending on long travelled food is a part of eco-friendly behaviour.
- 2) Food processing industry puts a burden on our natural resources.

Select the correct answer using the code given below:

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

-
6. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

I must say that, beyond occasionally exposing me to laughter, my constitutional shyness has been of no disadvantage whatever. In fact I can see that, on the contrary, it has been all to my advantage. My hesitancy in speech, which was once an annoyance, is now a pleasure. Its greatest benefit has been that it has taught me the economy of words. I have naturally formed the habit of restraining my thoughts. And I can now give myself the certificate that a thoughtless word hardly ever escapes my tongue or pen. I do not recollect ever having had to regret anything in my speech or writing. I have thus been spared many a mishap and waste of time. Experience has taught me that silence is part

of the spiritual discipline of a votary of truth. Proneness to exaggerate, to suppress or modify the truth, wittingly or unwittingly, is a natural weakness of man, and silence is necessary in order to surmount it. A man of few words will rarely be thoughtless in his speech; he will measure every word. We find so many people impatient to talk. There is no chairman of a meeting who is not pestered with notes for permission to speak. And whenever the permission is given the speaker generally exceeds the time-limit, asks for more time, and keeps on talking without permission. All this talking can hardly be said to be of any benefit to the world. It is so much waste of time. My shyness has been in reality my shield and buckler. It has allowed me to grow. It has helped me in my discernment of truth. The author says that a thoughtless word hardly ever escapes his tongue or pen.

Which one of the following is not a valid reason for this?

- a. He has no intention to waste his time.
- b. He believes in the economy of words.
- c. He believes in restraining his thoughts.
- d. He has hesitancy in his speech.

Your Personal Exams Guide

7. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

I must say that, beyond occasionally exposing me to laughter, my constitutional shyness has been of no disadvantage whatever. In fact I can see that, on the contrary, it has been all to my advantage. My hesitancy in speech, which was once an annoyance, is now a pleasure. Its greatest benefit has been that it has taught me the economy of words. I have naturally formed the habit of restraining my thoughts. And I can now give myself the certificate that a thoughtless word hardly ever escapes my tongue or pen. I do not recollect ever having had to regret

anything in my speech or writing. I have thus been spared many a mishap and waste of time. Experience has taught me that silence is part of the spiritual discipline of a votary of truth. Proneness to exaggerate, to suppress or modify the truth, wittingly or unwittingly, is a natural weakness of man, and silence is necessary in order to surmount it. A man of few words will rarely be thoughtless in his speech; he will measure every word. We find so many people impatient to talk. There is no chairman of a meeting who is not pestered with notes for permission to speak. And whenever the permission is given the speaker generally exceeds the time-limit, asks for more time, and keeps on talking without permission. All this talking can hardly be said to be of any benefit to the world. It is so much waste of time. My shyness has been in reality my shield and buckler. It has allowed me to grow. It has helped me in my discernment of truth.

The most appropriate reason for the author to be spared many a mishap is that

- a. he hardly utters or writes a thoughtless word.
- b. he is a man of immense patience.
- c. he believes that he is a spiritual person.
- d. he is a votary of truth.

-
8. Read the following passages and answer the question follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

I must say that, beyond occasionally exposing me to laughter, my constitutional shyness has been of no disadvantage whatever. In fact I can see that, on the contrary, it has been all to my advantage. My hesitancy in speech, which was once an annoyance, is now a pleasure. Its greatest benefit has been that it has taught me the economy of words. I have naturally formed the habit of restraining my thoughts. And

I can now give myself the certificate that a thoughtless word hardly ever escapes my tongue or pen. I do not recollect ever having had to regret anything in my speech or writing. I have thus been spared many a mishap and waste of time. Experience has taught me that silence is part of the spiritual discipline of a votary of truth. Proneness to exaggerate, to suppress or modify the truth, wittingly or unwittingly, is a natural weakness of man, and silence is necessary in order to surmount it. A man of few words will rarely be thoughtless in his speech; he will measure every word. We find so many people impatient to talk. There is no chairman of a meeting who is not pestered with notes for permission to speak. And whenever the permission is given the speaker generally exceeds the time-limit, asks for more time, and keeps on talking without permission. All this talking can hardly be said to be of any benefit to the world. It is so much waste of time. My shyness has been in reality my shield and buckler. It has allowed me to grow. It has helped me in my discernment of truth.

For the author, silence is necessary in order to surmount

- a. constitutional shyness.
- b. hesitancy in speech.
- c. suppression of thoughts.
- d. tendency to overstate.

9. Twelve people form a club. By picking lots, one of them will host a dinner for all once in a month. The number of dinners a particular member has to host in one year is (+2.5, -0.83)

- a. One
- b. Zero
- c. Three

d. Cannot be predicted

10. Between 6 PM and 7 PM the minute hand of a clock will be ahead of the hour hand by 3 minutes at (+2.5, -0.83)

a. 6:15 PM

b. 6:18 PM

c. 6:36 PM

d. 6:48 PM

11. Consider the following matrix: (+2.5, -0.83)

3 8 10 2 ? 1

6 56 90 2 20 0

What is the missing number at '?' in the matrix?

a. 5

b. 0

c. 7

d. 3

12. What is the missing number 'X' of the series 7, X, 21, 31, 43? (+2.5, -0.83)

a. 11

b. 12

c. 13

d. 14

13. In a test, a candidate attempted only 8 questions and secured 50% marks in each of the questions. If he obtained a total of 40% in the test and all questions in the test carried equal marks, how many questions were there in the test? (+2.5, -0.83)

a. 8

b. 10

c. 15

d. 16

14. A father is nine times as old as his son and the mother is eight times as old as the son. The sum of the father's and the mother's age is 51 years. What is the age of the son ? (+2.5, -0.83)

a. 7 year

b. 5 year

c. 4 year

d. 3 year

15. Four persons A, B, C and D consisting of two married couples are in a group. Both the women are shorter than their respective husbands. A is the tallest among the four. C is taller than B. D is B's brother. In this context, which one of the following statements is not correct ? (+2.5, -0.83)

- a. All four have family ties.
- b. B is the shortest among the four.
- c. C is taller than D.
- d. A is B's husband

16. Consider the following statements :

(+2.5, -0.83)

- 1) A man had a wife, two sons and daughters in his family
- 2) The daughters were invited to a feast and the male members of the family went out to take part in a picnic
- 3) The man's father did not return from his work.

Which of the following statement is true?

- a. Only the man's wife was left at home.
- b. It is likely that the man's wife was left at home.
- c. None was left at home
- d. More than one person was left at home.

17. Geeta: Naresh has become a better boxer since he started meditation.

(+2.5, -0.83)

Radha: Impossible, A boxer's most important asset is his aggressiveness.

Radha's statement reflect her belief that

- a. meditation tends to make a person less aggressive.
- b. meditation has little or no effect on the person who practices it.

- c. Naresh was a poor boxer earlier because he was not aggressive enough.
- d. Naresh would not have taken to meditation as he was a boxer.

18. All good athletes want to win and all athletes who want to win eat a well-balanced diet; therefore all athletes who do not eat a well-balanced diet are bad athletes. (+2.5, -0.83)

The best conclusion from this statement is that-

- a. no bad athlete wants to win.
 - b. no athlete who does not eat a well-balanced diet is a good athlete.
 - c. every athlete who eats a well-balanced diet is a good athlete.
 - d. all athletes who want to win are good athletes.
19. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. (+2.5, -0.83)

The richer States have a responsibility to cut down carbon emissions and promote clean energy investments. These are the States that got electricity, grew faster and now have high per capita income, making them capable of sharing India's burden of becoming eco-friendly. Delhi, for example, can help by generating its own clean electricity using solar rooftop panels or even help poor States finance their clean energy projects. It is no secret that State Electricity Boards, which control 95% of the distribution network, are neck-deep in losses. These losses further discourage State utilities from adopting renewable energy as it is more expensive than fossil fuels.

Which among the following is the most logical and rational assumption that can be made from the above passage?

- a. The richer States must lead in the production and adoption of renewable energy.
- b. The poor States always have to depend on rich States for electricity.
- c. The State Electricity Boards can improve their finances by undertaking clean energy projects.
- d. The high economic disparity between the rich and poor States is the major cause of high carbon emissions in India.

-
20. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. (+2.5, -0.83)

Set against a rural backdrop, 'Stench of kerosene' is the story of a couple, Guleri and Manak, who have been happily married for several years but do not have a child. Manak's mother is desperate to have a grandchild to carry on the family name. Hence, she gets Manak remarried in Guleri's absence. Manak, who acts as a reluctant but passive spectator, is meanwhile, informed by a friend that Guleri, on hearing about her husband's second marriage, poured kerosene on her clothes and set fire to them. Manak is heartbroken and begins to live as if he were a dead man. When his second wife delivers a son, manak stares at the child for a long time and blurts out, "Take him away ! He stinks of kerosene."

This is a sensitive issue-based story which tries to sensitise the readers about

- a. Male chauvinism and infidelity
- b. Love and betrayal

- c. Lack of legal safeguards for women
 - d. Influence of patriarchal mindset
-

21. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. **(+2.5, -0.83)**

The ultimate aim of government is not to rule or control by fear, nor to demand obedience, but conversely, to free every man from fear, that he may live in all possible security. In other words, to strengthen his natural right to exist and work without injury to himself or others. The object of government is not to change men from rational beings into beasts or puppets. It should enable them to develop their minds and bodies in security, and to employ their reason unshackled.

Which among the following is the most logical and rational inference that can be made from the above passage?

- a. The true aim of government is to secure the citizens their social and political freedom.
 - b. The primary concern of government is to provide absolute social security to all its citizens.
 - c. The best government is the one that allows the citizens to enjoy absolute liberty in all matters of life.
 - d. The best government is the one that provides absolute physical security to the people of the country
-
22. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. **(+2.5, -0.83)**

Our municipal corporation are understaffed. The issue of skills and competencies of the staff poses an even greater challenge. Urban

service delivery and infrastructure are complex to plan and execute. They require a high degree of specialization and professionalism. The current framework within which municipal employees, including senior management, are recruited does not adequately factor in the technical and managerial competencies required. Cadre and recruitment rules only specify the bare minimum in academic qualifications. There is no mention of managerial or technical competencies, or of relevant work experience. This is the case with most municipal corporations. They also suffer from weak organisation design and structure.

Which among the following is the most logical and rational assumption that can be made from the above passage?

- a. The task of providing urban servicing is a complex issue which requires the organizational expansion of municipal bodies all over the country.
- b. Our cities can provide better quality of life if our local government bodies have adequate staff with required skills and competencies.
- c. Lack of skilled staff is due to the absence of institutions which offer the requisite skills in city management.
- d. Our country is not taking advantage of the demographic dividend to manage the problems associated with rapid urbanization.

-
23. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. **(+2.5, -0.83)**

Flamingos in large flock in the wild are social extremely loyal. They perform group mating dances. Parents are very fond of their chicks, gathering them into crèches for protection while both males and females fly off to search for food.

Which among the following is the most logical corollary to the above passage?

- a. Mass nesting in all species of bird is essential to ensure complete survival of their offspring.
- b. Only birds have the capacity to develop social behaviour and thus can do mass nesting to raise their chicks in safety.
- c. Social behaviour in some species of birds increases the odds of survival in an unsafe world.
- d. All species of birds set up creches for their chicks to teach thorn social behaviour and loyalty.

-
24. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. (+2.5, -0.83)

Vast numbers of Indian citizens without bank accounts live in rural areas, are financially and functionally illiterate, and have little experience with technology. A research study was conducted in a particular area in which electronic wage payments in Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) are meant to go directly to the poor. It was observed that recipients often assume that the village leader needs to mediate the process, as was the case under the previous paper-based system. Among households under this research study area who claimed to have at least one bank account, over a third reported still receiving MGNREGS wages in cash directly from a village leader.

What is the most logical, rational and crucial message that is implied in the above passage?

- a. MGNREGS should be extended only to those who have a bank account.

- b. The paper-based system of payments is more efficient than electronic payment in the present scenario.
- c. The goal of electronic wage payments was not to eliminate mediation by village leaders.
- d. It is essential to provide financial literacy to the rural poor.

25. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. **(+2.5, -0.83)**

Individuals, groups and leaders who promote human development operate under strong institutional, structural and political constraints that affect policy options. But experience suggests broad principles for shaping an appropriate agenda for human development. One important finding from several decades of human development experience is that focusing exclusively on economic growth is problematic. While we have good knowledge about how to advance health and education, the causes of growth are much less certain and growth is often elusive. Further, an unbalanced emphasis on growth is often associated with negative environmental consequences and adverse distributional effects. The experience of China, with its impressive growth record, reflects these broader concerns and underlines the importance of balanced approaches that emphasize investments in the non-income aspects of human development.

With reference to till' above passage, consider the following statements:

- 1) In developing countries, a strong institutional framework is the only requirement for human development and policy options.
- 2) Human development and economic growth are not always positively inter-related.

3) Focusing only on human development should be the goal of economic growth.

Which of the above statements is/are correct ?

- a. 1 only
- b. 2 and 3 only
- c. 2 only
- d. 1, 2 and 3

26. Read the following passage and answer the question that follows. Your answer to these items should be based on the passages only. (+2.5, -0.83)

Individuals, groups and leaders who promote human development operate under strong institutional, structural and political constraints that affect policy options. But experience suggests broad principles for shaping an appropriate agenda for human development. One important finding from several decades of human development experience is that focusing exclusively on economic growth is problematic. While we have good knowledge about how to advance health and education, the causes of growth are much less certain and growth is often elusive. Further, an unbalanced emphasis on growth is often associated with negative environmental consequences and adverse distributional effects. The experience of China, with its impressive growth record, reflects these broader concerns and underlines the importance of balanced approaches that emphasize investments in the non-income aspects of human development.

With reference to the above passage, the following assumptions have been made:

- 1) Higher economic growth is essential to ensure reduction in economic disparity.

2) Environmental degradation is sometimes a consequence of economic growth.

Which of the above is/are valid assumption/assumptions?

- a. 1 only
 - b. 2 only
 - c. Both 1 and 2
 - d. Neither 1 nor 2
-

27. If A runs less fast than B, and B runs as fast but not faster than C; then, (+2.5, -0.83)
as compared to A, C runs

- a. slower than A
 - b. faster than A
 - c. with same speed as A
 - d. Given data is not sufficient to determine
-

28. Each of A, B, C and D has Rs 100. A pays Rs 20 to B, who pays Rs 10 to C, (+2.5, -0.83)
who gets Rs 30 from D. In this context, which one of the following
statements is not correct?

- a. C is the richest
- b. D is the poorest
- c. C has more than what A and D have together
- d. B is richer than D

29. In a town, 45% population read magazine A, 55% read magazine B, 40% read magazine C, 30% read magazines A and B, 15% read magazines Band C, 25% read magazines A and C; and 10% read all the three magazines. What percentage do not read any magazine? (+2.5, -0.83)

- a. 10%
- b. 15%
- c. 20%
- d. 25%

30. Examine the following statements: (+2.5, -0.83)

- 1) Lady's finger is tastier than cabbage.
- 2) Cauliflower is tastier than lady's finger.
- 3) Cabbage is not tastier than peas.

The conclusion that can be drawn from these statements is that

- a. peas are as tasty as lady's finger.
- b. peas are as tasty as cauliflower and lady's finger.
- c. cabbage is the least tasty of the four vegetables.
- d. cauliflower is tastier than cabbage.

31. Shahid and Rohit start from the same point in opposite directions. After each 1 km, Shahid always turns left and Rohit always turns right. Which of the following statements is correct? (+2.5, -0.83)

- a. After both have travelled 2 km, the distance between them is 4 km.
 - b. They meet after each has travelled 3km.
 - c. They meet for the first time after each has travelled 4 km.
 - d. They go on without ever meeting again.
-

32. In a 500 metres race, B starts 45 metres ahead of A, but A wins the race while B is still 35 metres behind. What is the ratio of the speeds of A to B assuming that both start at the same time? (+2.5, -0.83)

- a. 25 : 21
 - b. 25 : 20
 - c. 5 : 3
 - d. 5 : 7
-

33. Two equal glasses of same type are respectively $\frac{1}{3}$ and $\frac{1}{4}$ full of milk. They are then filled up with water and the contents are mixed in a pot. What is the ratio of milk and water in the pot? (+2.5, -0.83)

- a. 7 : 17
 - b. 1 : 3
 - c. 9 : 21
 - d. 11 : 23
-

34. Out of 130 students appearing in an examination, 62 failed in English, 52 (+2.5, -0.83) failed in Mathematics, whereas 24 failed in both English and Mathematics. The number of students who passed finally is
- a. 40
 - b. 50
 - c. 55
 - d. 60
-
35. In a group of persons travelling in a bus, 6 persons can speak Tamil, 15 (+2.5, -0.83) can speak Hindi and 6 can speak Gujarati. In that group none can speak any other language. If 2 persons in the group can speak two languages only and one person can speak all the three languages, then how many persons are there in the group?
- a. 21
 - b. 22
 - c. 23
 - d. 24
-
36. In a parking area, the total number of wheels of all the cars (four-wheelers) and scooters/motorbikes (two-wheelers) is 100 more than (+2.5, -0.83) twice the number of parked vehicles. The number of cars parked is
- a. 35
 - b. 45

c. 50

d. 55

37. The mangroves can shed tons of leaves per acre every year; fungi and bacteria break down this leaf litter and consume it, they then are consumed by tiny worms and crustaceans, which in turn feed small fish, which feed larger fish and birds and crocodiles. Which among the following is the most logical inference of the above statement? **(+2.5, -0.83)**

- a. Coastal areas cannot have food chains without mangroves.
 - b. Mangroves are an essential component of all marine ecosystems.
 - c. Mangroves have a crucial role in some of the coastal food chains.
 - d. The composition of marine flora and fauna is largely determined by mangroves.
-

38. "By liberty I mean the eager maintenance of that atmosphere in which men have the opportunity to be their best selves." Which one of the following expresses the view implied in the above statement? **(+2.5, -0.83)**

- a. Liberty is the absence of restraint on human action.
 - b. Liberty is what law permits people to perform.
 - c. Liberty is the ability to do what one desires.
 - d. Liberty is the maintenance of conditions for the growth of human personality.
-

39. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Climate change is already making many people hungry all over the world, by disrupting crop yields and pushing up prices. And it is not just food but nutrients that are becoming scarcer as the climate changes. It is the poorest communities that will suffer the worst effects of climate change, including increased hunger and malnutrition as crop production and livelihoods are threatened. On the other hand, poverty is a driver of climate change, as desperate communities resort to unsustainable use of resources to meet current needs.

Which among the following is the most logical corollary to the above passage?

- a. Government should allocate more funds to poverty alleviation programmes and increase food subsidies to the poor communities.
- b. Poverty and climate impacts reinforce each other and therefore we have to re-imagine our food systems.
- c. All the countries of the world must unite in fighting poverty and malnutrition and treat poverty as a global problem.
- d. We must stop unsustainable agricultural practices immediately and control food prices.

40. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

The Global Financial Stability Report finds that the share of portfolio investments from advanced economies in the total debt and equity investments in emerging economies has doubled in the past decade to 12 percent. The phenomenon has implications for Indian policy

makers as foreign portfolio investments in the debt and equity markets have been on the rise. The phenomenon is also flagged as a threat that could compromise global financial stability in a chain reaction, in the event of United States Federal Reserve's imminent reversal of its "Quantitative Easing" policy.

Which among the following is the most rational and critical inference that can be made from the above passage?

- a. Foreign portfolio investments are not good for emerging economies.
- b. Advanced economies undermine the global financial stability.
- c. India should desist from accepting foreign portfolio investments in the future.
- d. Emerging economies are at a risk of shock from advanced economies.

-
41. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Open defecation is disastrous when practised in very densely populated areas, where it is impossible to keep away human faeces from crops, wells, food and children's hands. Groundwater is also contaminated by open defecation. Many ingested germs and worms spread diseases. They prevent the body from absorbing calories and nutrients. Nearly one-half of India's children remain malnourished. Lakhs of them die from preventable conditions. Diarrhoea leaves Indians' bodies smaller on average than those of people in some poorer countries where people eat fewer calories. Underweight mothers produce stunted babies prone to sickness who may fail to develop their full cognitive potential. The germs released into environment harm rich and poor alike, even those who use latrines.

Which among the following is the most critical inference that can be made from the above passage?

- a. The Central and State governments in India do not have enough resources to afford a latrine for each household.
- b. Open defecation is the most important public health problem of India.
- c. Open defecation reduces the human capital of India's workforce.
- d. Open defecation is a public health problem in all developing countries.

-
42. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

We generally talk about democracy but when it comes to any particular thing, we prefer a belonging to our caste or community or religion. So long as we have this kind of temptation, our democracy will remain a phoney kind of democracy. We must be in a position to respect a man as a man and to extend opportunities for development to those who deserve them and not to those who happen to belong to our community or race. This fact of favouritism has been responsible for much discontent and ill-will in our country.

Which one of the following statements best sums up the above passage?

- a. Our country has a lot of diversity with its many castes, communities and religions.
- b. True democracy could be established by providing equal opportunities to all.

- c. So far none of us have actually understood the meaning of democracy.
- d. It will never be possible for us to establish truly democratic governance in our country.

43. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. **(+2.5, -0.83)**

The existence/establishment of formal financial institutions that offer safe, reliable and alternative financial instruments is fundamental in mobilising savings. To save, individuals need access to safe and reliable financial institutions, such as banks, and to appropriate financial instruments and reasonable financial incentives. Such access is not always available to all people in developing countries like India and more so, in rural areas. Savings help poor households manage volatility in cash flow, smoothen consumption, and build working capital. Poor households without access to a formal savings mechanism encourage immediate spending temptations.

With reference to the above passage, consider the following statements:

- 1) Indian financial institutions do not offer any financial instruments to rural households to mobilise their savings.
- 2) Poor households tend to spend their earnings/savings due to lack of access to appropriate financial instruments.

Which of the statements given above is/are correct?

- a. 1 only
- b. 2 only
- c. Both 1 and 2

d. Neither 1 nor 2

-
44. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

The existence/establishment of formal financial institutions that offer safe, reliable and alternative financial instruments is fundamental in mobilising savings. To save, individuals need access to safe and reliable financial institutions, such as banks, and to appropriate financial instruments and reasonable financial incentives. Such access is not always available to all people in developing countries like India and more so, in rural areas. Savings help poor households manage volatility in cash flow, smoothen consumption, and build working capital. Poor households without access to a formal savings mechanism encourage immediate spending temptations.

What is the crucial message conveyed in the passage?

- a. Establish more banks.
- b. Increase the Gross Domestic Product (GDP) growth rate
- c. Increase the interest rate of bank deposits
- d. Promote financial inclusion

-
45. Read the following passage and answer the question that follows. Your answers to these items should be based on the passages only. (+2.5, -0.83)

Governments may have to take steps which would otherwise be an infringement on the Fundamental Rights of individuals, such as acquiring a person's land against his will, or refusing permission for putting up a building, but the larger public interest for which these are done must be authorized by the people (Parliament). Discretionary powers to the administration can be done away with. It is becoming

more and more difficult to keep this power within limits as the government has many number of tasks to perform. Where discretion has to be used, there must be rules and safeguards to prevent misuse of that power. Systems have to be devised which minimise, if not prevent, the abuse of discretionary power. Government work must be conducted within a framework of recognised rules and principles, and decisions should be similar and predictable.

Which among the following is the most logical assumption that can be made from the above passage?

- a. Government should always be given wide discretionary power in all matters of administration.
- b. The supremacy of rules and safeguards should prevail as opposed to the influence of exclusive discretion of authority.
- c. Parliamentary democracy is possible only if the Government has wider discretionary power.
- d. None of the above statements is a logical assumption that can be made from this passage.

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46. A selection is to be made for one post of Principal and two posts of Vice-Principal. Amongst the six candidates called for the interview, only two are eligible for the post of Principal while they all are eligible for the post of Vice-Principal. The number of possible combinations of selectees is (+2.5, -0.83)
- a. 4
 - b. 12
 - c. 18
 - d. None of the above

47. A student has to opt for 2 subjects out of 5 subjects for a course, (+2.5, -0.83)
namely, Commerce, Economics, Statistics, Mathematics I and
Mathematics II. Mathematics II can be offered only if Mathematics I is
also opted. The number of different combinations of two subjects
which can be opted is

- a. 5
- b. 6
- c. 7
- d. 8

48. A person ordered 5 pairs of black socks and some pairs of brown (+2.5, -0.83)
socks. The price of a black pair was thrice that of a brown pair. While
preparing the bill, the bill clerk interchanged the number of black and
brown pairs by mistake which increased the bill by 100%. What was the
number of pairs of brown socks in the original order?

- a. 10
- b. 15
- c. 20
- d. 25

49. The number of persons who read magazine X only is thrice the number (+2.5, -0.83)
of persons who read magazine Y. The number of persons who read
magazine Y only is thrice the number of persons who read magazine X.
Then, which of the following conclusions can be drawn?

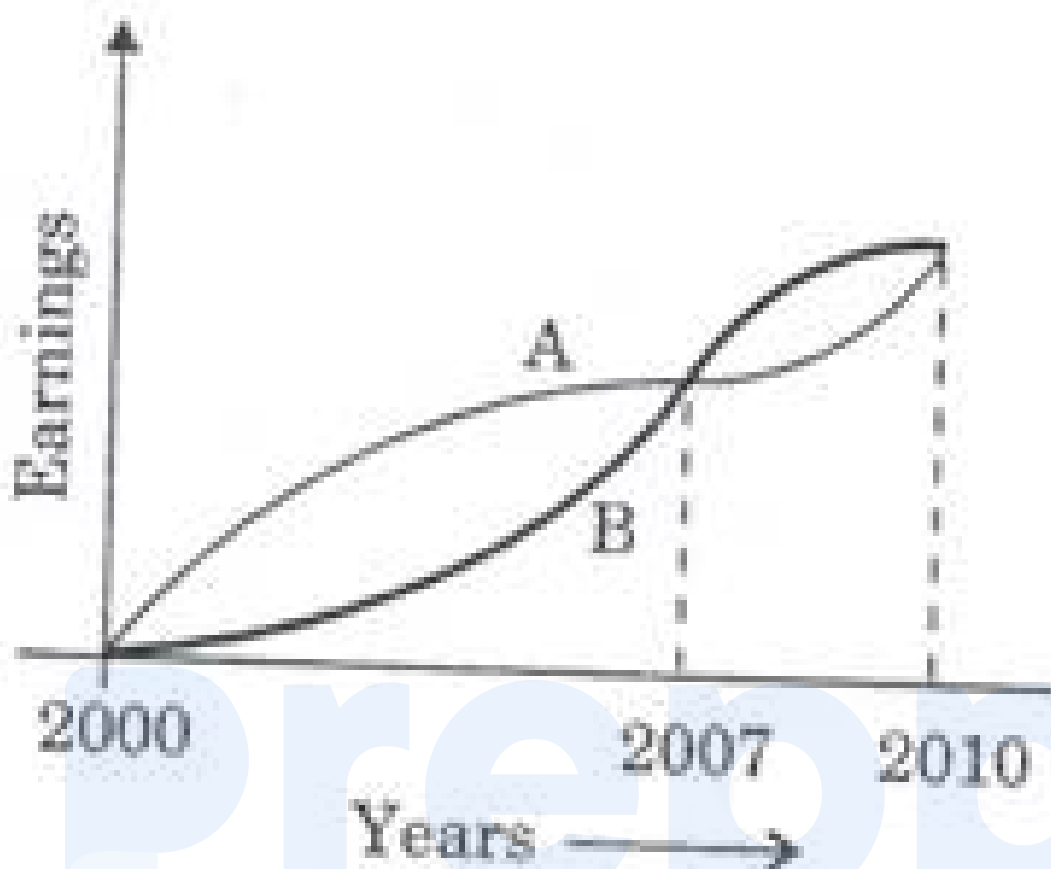
- 1) The number of persons who read both the magazines is twice the number of persons who read only magazine X.
- 2) The total number of persons who read either one magazine or both the magazines is twice the number of persons who read both the magazines.

Select the correct answer using the code given below:

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

-
50. The graph below depicts the earnings of A and B over the period 2000 to 2010: (+2.5, -0.83)

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From the graph, which one of the following can be concluded?

- a. On the average A earned more than B during this period.
- b. On the average B earned more than A during this period.
- c. The earnings of A and B were equal during this period.
- d. The earnings of A were less as compared to B during this period.

51. Two pipes A and B can independently fill a tank completely in 20 and 30 minutes respectively. If both the pipes are opened simultaneously, how much time will they take to fill the tank completely? (+2.5, -0.83)

- a. 10 mins

- b. 12 mins
- c. 15 mins
- d. 25 mins

52. Each of the six different faces of a cube has been coated with a different colour i.e., V, I, B, G, Y and O. (+2.5, -0.83)

Following information is given:

- 1) Colours Y, O and B are on adjacent faces.
- 2) Colours I, G and Y are on adjacent faces.
- 3) Colours B, G and Y are on adjacent faces.
- 4) Colours O, V and B are on adjacent faces.

Which is the colour of the face opposite to the face coloured with O?

- a. B
- b. V
- c. G
- d. I

53. Consider the following statements: (+2.5, -0.83)

- 1) Some claim to have seen UFOs (Unidentified Flying Objects).
- 2) Life on other heavenly bodies is considered to be a possibility.
- 3) Voyage to space is now an established fact.

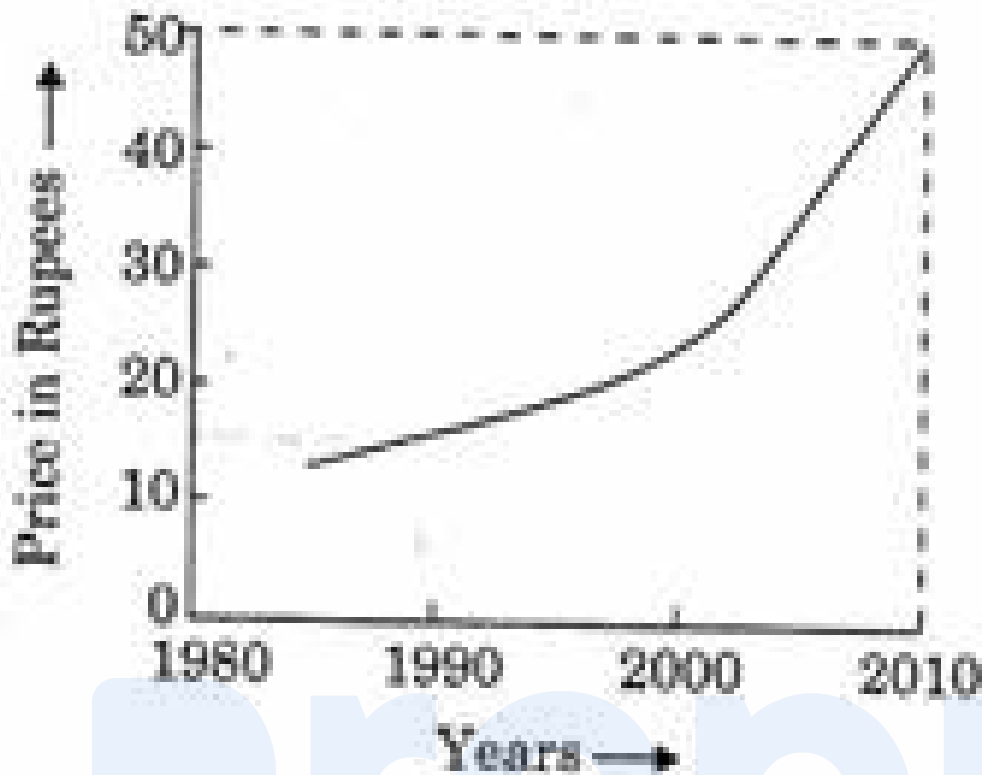
From the above statements, it may be concluded that

- a. UFOs are heavenly bodies
- b. UFOs are sent from other heavenly bodies
- c. Some living species in other heavenly bodies are more intelligent than man
- d. Nothing definite can be said about the UFOs

54. If $ABC \times DEED = ABCABC$; where A, B, C, D and E are different digits, what are the values of D and E? (+2.5, -0.83)

- a. $D = 2, E = 0$
- b. $D = 0, E = 1$
- c. $D = 1, E = 0$
- d. $D = 1, E = 2$

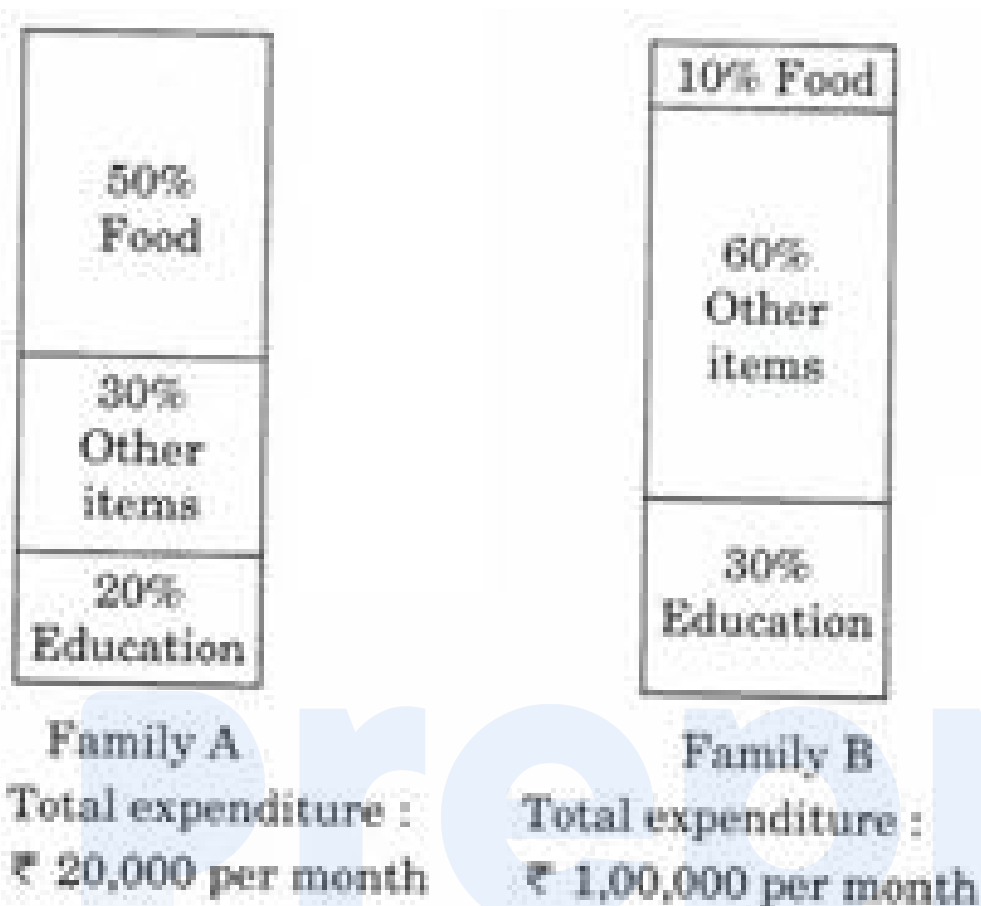
55. Year-wise variation of the price of a certain commodity is shown in the following graph: (+2.5, -0.83)



The price of the commodity in the year 1990:

- a. must have been Rs. 10/-
- b. must have been Rs. 12/-
- c. must have been anywhere between Rs. 10/- and Rs. 20/-
- d. is higher than that in the year 1991

56. The proportion of expenditure on various items by two families A and B (+2.5, -0.83) are represented in the following Bar Charts:



From these charts, we can conclude that

- Family A spent more money on food than Family B.
- Family B spent more money on food than Family A.
- Family A and Family B spent the same amount on food.
- The expenditure on food by Family A and Family B cannot be compared.

57. Usha runs faster than Kamala, Priti runs slower than Swati, Swati runs slower than Kamala. Who is the slowest runner? (+2.5, -0.83)

- Kamala

- b. Priti
- c. Swati
- d. Usha

58. Read the following four passage and answer the question that follows. **(+2.5, -0.83)**
Your answers to these items should be based on the passages only.

India has suffered from persistent high inflation. Increase in administered prices, demand and supply imbalances, imported inflation aggravated by rupee depreciation, and speculation - have combined to keep high inflation going. If there is an element common to all of them, it is that many of them are the outcomes of economic reforms. India's vulnerability to the effects of changes in international prices has increased with trade liberalisation. The effort to reduce subsidies has resulted in a continuous increase in the prices of commodities that are administered.

What is the most logical, rational and crucial message that is implied in the above passage?

- a. Under the present circumstances, India should completely avoid all trade liberalisation policies and all subsidies.
- b. Due to its peculiar socio-economic situation, India is not yet ready for trade liberalisation process.
- c. There is no solution in sight for the problems of continuing poverty and inflation in India in the near future.
- d. Economic reforms can often high inflation economy.

59. Read the following four passage and answer the question that follows. **(+2.5, -0.83)**
Your answers to these items should be based on the passages only.

No Right is absolute, exclusive or inviolable. The Right of personal property, similarly, has to be perceived in the larger context of its assumed legitimacy. The Right of personal property should unite the principle of liberty with that of equality, and both with the principle of cooperation.

In the light of the argument in the above passage, which one of the following statements is the most convincing explanation?

- a. The Right of personal property is a Natural Right duly supported by statutes and scriptures.
- b. Personal property is a theft and an instrument of exploitation. The Right of personal property is therefore violative of economic justice.
- c. The Right of personal property is violative of distributive justice and negates the principle of cooperation.
- d. The comprehensive idea of economic justice demands that the Right of each person to acquisition of property has to be reconciled with that of others.

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60. Read the following four passage and answer the question that follows. (+2.5, -0.83)
Your answers to these items should be based on the passages only.

The conflict between man and State is as old as State history. Although attempts have been made for centuries to bring about a proper adjustment between the competing claims of State and the individual, the solution seems to be' still far off. This is primarily because of the dynamic nature of human society where old values and ideas constantly yield place to new ones. It is obvious that if individuals are allowed to have absolute freedom of speech and action, the result would be chaos, ruin and anarchy.

The author's viewpoint can be best summed up in which of the following statements?

- a. The conflict between the claims of State and individual remains unresolved.
- b. Anarchy and chaos are the obvious results of democratic traditions.
- c. Old values, ideas and traditions persist despite the dynamic nature of human society.
- d. Constitutional guarantee of freedom of speech is not in the interest of society.

-
61. Read the following four passage and answer the question that follows. (+2.5, -0.83)
Your answers to these items should be based on the passages only.

Climate change is a complex policy issue with major implications in terms of finance. All actions to address climate change ultimately involve costs. Funding is vital for countries like India to design and implement adaptation and mitigation plans and projects. Lack of funding is a large impediment to implementing adaptation plans. The scale and magnitude of the financial support required by developing countries to enhance their domestic mitigation and adaptation actions are a matter of intense debate in the multilateral negotiations under the United Nations Framework Convention on Climate Change (UNFCCC)' The Convention squarely puts the responsibility for provision of financial support on the developed countries, taking into account their contribution to the stock of greenhouse gases (GHGs) in the atmosphere. Given the magnitude of the task and the funds required, domestic finances are likely to fall short of the current and projected needs of the developing countries. Global funding through the multilateral mechanism of the Convention will enhance their domestic capacity to finance the mitigation efforts.

According to the passage, which of the following is/are a matter of intense debate in the multilateral negotiations under UNFCCC regarding the role of developing countries in climate change?

- 1) The scale and size of required financial support.
- 2) The crop loss due to climate change in the developing countries.
- 3) To enhance the mitigation and adaptation actions in the developing countries.

Select the correct answer using the code given below:

- a. 1 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. 1, 2 and 3

62. Read the following four passage and answer the question that follows. (+2.5, -0.83)

Your answers to these items should be based on the passages only.

Climate change is a complex policy issue with major implications in terms of finance. All actions to address climate change ultimately involve costs. Funding is vital for countries like India to design and implement adaptation and mitigation plans and projects. Lack of funding is a large impediment to implementing adaptation plans. The scale and magnitude of the financial support required by developing countries to enhance their domestic mitigation and adaptation actions are a matter of intense debate in the multilateral negotiations under the United Nations Framework Convention on Climate Change (UNFCCC)' The Convention squarely puts the responsibility for provision of financial support on the developed countries, taking into account their contribution to the stock of greenhouse gases (GHGs) in the

atmosphere. Given the magnitude of the task and the funds required, domestic finances are likely to fall short of the current and projected needs of the developing countries. Global funding through the multilateral mechanism of the Convention will enhance their domestic capacity to finance the mitigation efforts.

In this passage, the Convention puts the responsibility for the provision of financial support on the developed countries because of

- 1) their higher level of per capita incomes.
- 2) their large quantum of GDP.
- 3) their large contribution to the stock of GHGs in the atmosphere.

Select the correct answer using the code given below:

- a. 1 only
- b. 1 and 2 only
- c. 3 only
- d. 1, 2 and 3

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- 63.** Read the following four passage and answer the question that follows. **(+2.5, -0.83)**
Your answers to these items should be based on the passages only.

Climate change is a complex policy issue with major implications in terms of finance. All actions to address climate change ultimately involve costs. Funding is vital for countries like India to design and implement adaptation and mitigation plans and projects. Lack of funding is a large impediment to implementing adaptation plans. The scale and magnitude of the financial support required by developing countries to enhance their domestic mitigation and adaptation actions are a matter of intense debate in the multilateral negotiations under the United Nations Framework Convention on Climate Change

(UNFCCC)' The Convention squarely puts the responsibility for provision of financial support on the developed countries, taking into account their contribution to the stock of greenhouse gases (GHGs) in the atmosphere. Given the magnitude of the task and the funds required, domestic finances are likely to fall short of the current and projected needs of the developing countries. Global funding through the multilateral mechanism of the Convention will enhance their domestic capacity to finance the mitigation efforts.

With regards to developing countries, it can be inferred from the passage that climate change is likely to have implications on their

- 1) domestic finances.
- 2) capacity for multilateral trade.

Select the correct answer using the code given below:

- a. 1 only
- b. 2 only
- c. Both 1 and 2
- d. Neither 1 nor 2

-
- 64.** Read the following four passage and answer the question that follows. **(+2.5, -0.83)**
Your answers to these items should be based on the passages only.

Climate change is a complex policy issue with major implications in terms of finance. All actions to address climate change ultimately involve costs. Funding is vital for countries like India to design and implement adaptation and mitigation plans and projects. Lack of funding is a large impediment to implementing adaptation plans. The scale and magnitude of the financial support required by developing countries to enhance their domestic mitigation and adaptation

actions are a matter of intense debate in the multilateral negotiations under the United Nations Framework Convention on Climate Change (UNFCCC)' The Convention squarely puts the responsibility for provision of financial support on the developed countries, taking into account their contribution to the stock of greenhouse gases (GHGs) in the atmosphere. Given the magnitude of the task and the funds required, domestic finances are likely to fall short of the current and projected needs of the developing countries. Global funding through the multilateral mechanism of the Convention will enhance their domestic capacity to finance the mitigation efforts.

Which one of the following is essentially discussed in the passage?

- a. Conflict between developed and developing countries regarding support for mitigation
- b. Occurrence of climate change due to excessive exploitation of natural resources by the developed countries
- c. Lack of political will on the part of all the countries to implement adaptation plans.
- d. Governance problems of developing countries as a result of climate change

-
65. There are 5 tasks and 5 persons. Task-1 cannot be assigned to either person-1 or person-2. Task-2 must be assigned to either person-3 or person-4. Every person is to be assigned one task. In how many ways can the assignment be done? (+2.5, -0.83)
- a. 6
 - b. 12
 - c. 24

d. 144

-
66. The monthly incomes of Peter and Paul are in the ratio of 4 : 3. Their expenses are in the ratio of 3 : 2. If each saves Rs. 6,000 at the end of the month, their monthly incomes respectively are (in Rs.) (+2.5, -0.83)

- a. 24,000 and 18,000
- b. 28,000 and 21,000
- c. 32,000 and 24,000
- d. 34,000 and 26,000

-
67. Two cities A and B are 360 km apart. A car goes from A to B with a speed of 40 km/hr and returns to A with a speed of 60 km/hr. What is the average speed of the car? (+2.5, -0.83)

- a. 45 km/hr
- b. 48 km/hr
- c. 50 km/hr
- d. 55 km/hr

-
68. Read the following passage and answer the questions below it. (+2.5, -0.83)

A, B, C, D, E and F are cousins. No two cousins are of the same age, but everyone's birthday falls on the same date of the same month. The youngest is 17 years old and the eldest E is 22 years old. F is somewhere between B and D in age. A is older than B. C is older than D. A is one year older than C.

Which one of the following is possible?

- a. D is 20 years old
- b. F is 18 years old
- c. F is 19 years old
- d. F is 20 years old

69. Read the following passage and answer the questions below it. (+2.5, -0.83)

A, B, C, D, E and F are cousins. No two cousins are of the same age, but everyone's birthday falls on the same date of the same month. The youngest is 17 years old and the eldest E is 22 years old. F is somewhere between B and D in age. A is older than B. C is older than D. A is one year older than C.

What is the number of logically possible orders of all six cousins in terms of increasing age?

- a. 1
- b. 2
- c. 3
- d. 4

70. In a society it is customary for friends of the same sex to hug and for friends of opposite sex to shake hands when they meet. A group of friends met in a party and there were 24 handshakes. Which one among the following numbers indicates the possible number of hugs? (+2.5, -0.83)

- a. 39

b. 30

c. 21

d. 20

71. Two men, Anil and David, and two women, Shabnam and Rekha are in a sales group. Only two speak Tamil. The other two speak Marathi. Only one man and one woman can drive a car. Shabnam speaks Marathi. Anil speaks Tamil. Both Rekha and David can drive. Which of the following statements is true? (+2.5, -0.83)

- a. Both the Tamil speakers can drive a car.
- b. Both the Marathi speakers can drive a car.
- c. Both of those who can drive a car speak Marathi.
- d. One of those who can drive a car speaks Tamil.

72. In a plane, line X is perpendicular to line Y and parallel to line Z; line U is perpendicular to both lines V and W; line X is perpendicular to line V. (+2.5, -0.83)

Which one of the following statements is correct?

- a. Z, U and W are parallel
- b. X, V and Y are parallel
- c. Z, V and U are all perpendicular to W
- d. Y, V and W are parallel

73. A cow costs more than 4 goats but less than 5 goats. If a goat costs between Rs. 600 and Rs. 800, which of the following is a most valid conclusion? (+2.5, -0.83)

- a. A cow costs more than Rs. 2,500.
- b. A cow costs less than Rs. 3,600
- c. A cow costs between Rs. 2,600 and Rs. 3,800
- d. A cow costs between Rs. 2,400 and Rs. 4,000

74. A society consists of only two types of people fighters and cowards. Two cowards are always friends. A fighter and a coward are always enemies. Fighters are indifferent to one another. If A and B are enemies, C and D are friends, E and F are indifferent to each other, A and E are not enemies, while B and F are enemies. (+2.5, -0.83)

Which of the following statements is correct?

- a. B, C and F are cowards
- b. A, E and F are fighters
- c. B and E are in the same category
- d. A and F are in different categories

75. In a box of marbles, there are three less white marbles than the red ones and five more white marbles than the green ones. If there are a total of 10 white marbles, how many marbles are there in the box? (+2.5, -0.83)

- a. 26

- b. 28
- c. 32
- d. 36

76. Candidates in a competitive examination consisted of 60% men and 40% women. 70% men and 75% women cleared the qualifying test and entered the final test where 80% men and 70% women were successful. Which of the following statements is correct? (+2.5, -0.83)

- a. Success rate is higher for women
- b. Overall success rate is below 50%
- c. More men cleared the examination than women
- d. Both (A) and (B) above are correct

77. An automobiles owner reduced his monthly petrol consumption when the prices went up. The price-consumption relationship is as follows: (+2.5, -0.83)

| | | | | |
|---------------------------------|----|----|----|----|
| Price (in Rs. Per litre) | 40 | 50 | 60 | 75 |
| Monthly consumption (in litres) | 60 | 48 | 40 | 30 |

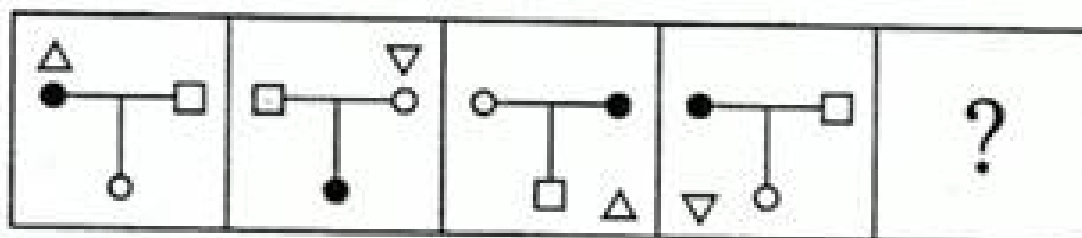
If the price goes up to Rs. 80 per litre, his expected consumption (in litres) will be

- a. 30
- b. 28
- c. 26

d. 24

78. Consider the figures given below:

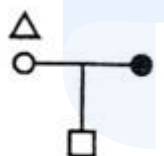
(+2.5, -0.83)



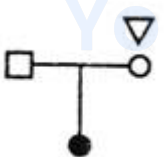
To fit the question mark, the correct answer is



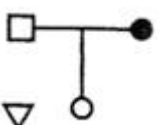
a.



b.



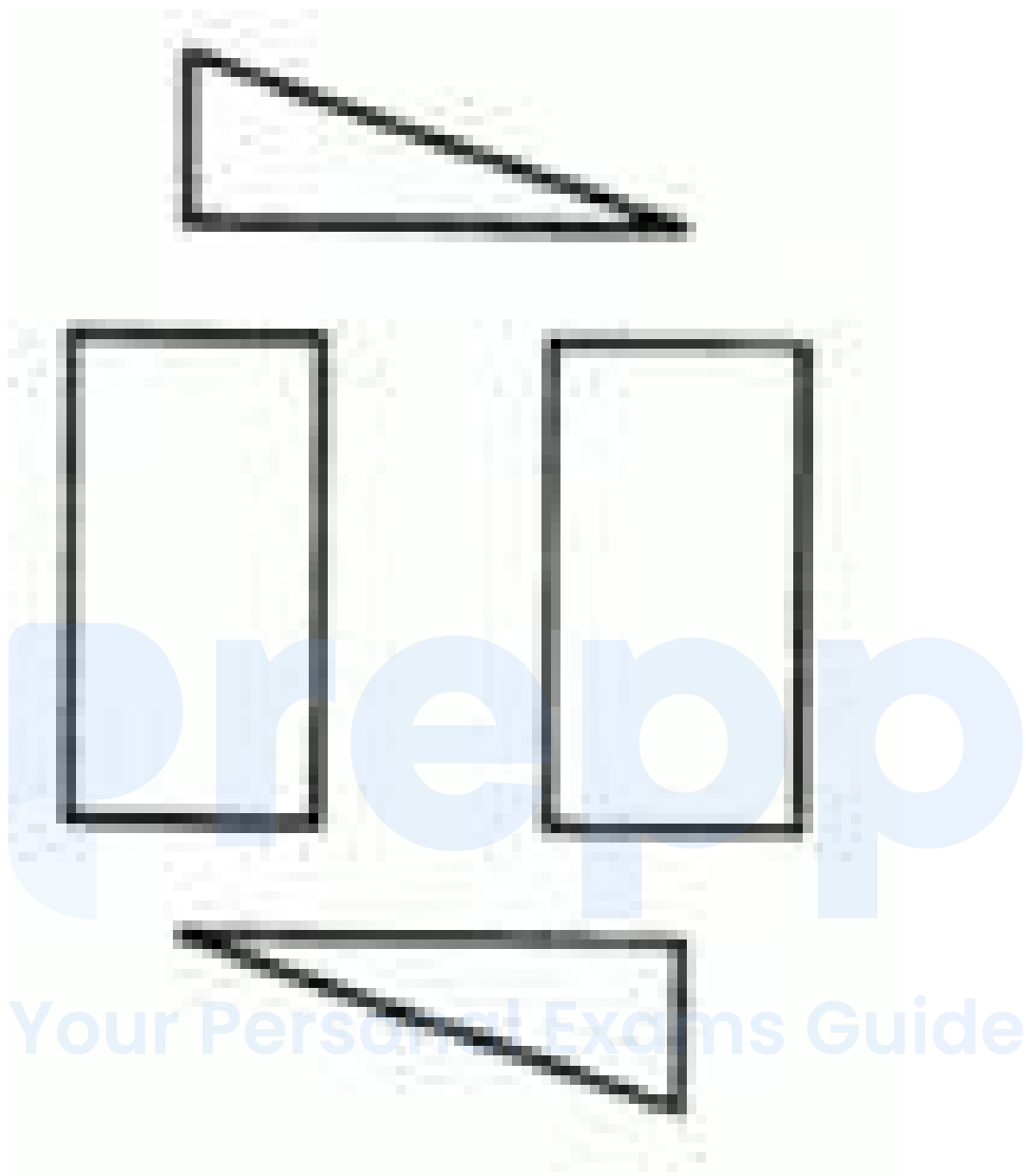
c.



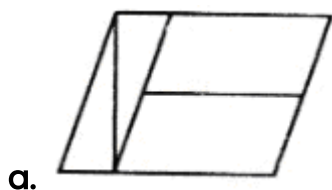
d.

79. Four cardboard pieces of specific shapes are shown in the following figure:

(+2.5, -0.83)

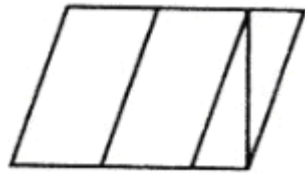


Which one of the following figures given can be formed by joining these pieces together?

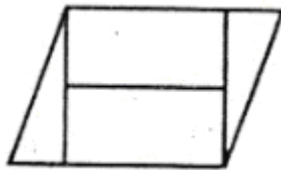




b.



c.



d.

80. Consider the following statements followed by two conclusions: (+2.5, -0.83)

Statements: Some men are great.

Some men are wise.

Conclusion I: Men are either great or wise.

Conclusion II: Some men are neither great nor wise

Which one of the following is correct?

- a. Only Conclusion I is valid
- b. Only Conclusion II is valid
- c. Both conclusions are valid
- d. Neither of the conclusions is valid

Answers

1. Answer: a

Explanation:

The above passage describes right of governing that is limited to certain citizens that separate humans which are good for society. Option A is least required as part of argument as man look for control on external things which cause an effect on him while options B, C and D are part of argument which relates to sub and super types of humans where exceptions are there on common citizens whose involvement results as conductive to defined usefulness.

2. Answer: d

Explanation:

The above passage explains that growing population will led to increase in consumption of food which can be taken care by adopting latest facilities and training for farmers. Option A is part of the passage which does not fully summarize the passage, hence is not the correct option. Option B is not relevant as there is no description in the passage regarding the food security problem related to developing countries, hence is wiped out. Option C is also not valid as the passage does not describe about insufficiency of resources across the world. Option D slightly summarizes the passage as it is mentioned that cities need to recover nutrients and water from waste and also improved crop storage and packaging by cutting resources.

3. Answer: b

Explanation:

In the passage, it has been argued that people who propose that reduced expenditure on weapon building and defense would create a climate of peace, are proponents of false argument. This idea is based on the assumption that increased spending on weapon building lessens the possibility of armed conflict with neighbors. Hence, the most valid assumption in the above passage is that the greater spending on weapon building by us would lessen the possibility of armed conflict with our neighbors.

4. Answer: c

Explanation:

Option A is not correct as the passage doesn't highlight the literacy among Indians, so this is not the conclusion of the passage. Option B is also incorrect as reason of population and managing of health services alone by government result in death cases, since it is not implied in the passage. Option C is correct as in the passage it is mentioned that socialization and integration of motherly health and in child health services results due to absence of steps to propagate basic services related to immunization and feeding of young one. Option D is not at all related to the passage as it appears to be contrary what was highlighting in the passage.

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5. Answer: c

Explanation:

Both statements 1 and 2 are correct as per the passage as due to heavy transportation of fruits from one place to another and then using big machinery to store processed foods will normally spoils the environmental. Pollution created during the transportation and spoiling of food while processing it creates certain hazards to nature and person who consumed it as it carries less nutritive value because of high demands.

With this we see that since statements 1 and 2 are correct, so the correct option is C.

6. Answer: a

Explanation:

It seems that option A is not the valid reason, since the reason of wasting time is not in authors talking habit. Since the author hesitates in his speech, so he narrated that thoughtless words hardly ever escape his tongue or pen, which makes option D as a valid reason. As the author has faith in economy of words and agreed in restraining his idea, this makes option C as a valid reason.

7. Answer: a

Explanation:

In the passage the author narrates that I have naturally formed the habit of restraining my thoughts mentioned in 4th sentence in the paragraph. Further it is explained from 6th and 7th sentences from the passage that the author was spared from mishap as he hardly utters or writes thoughtless words. This description shows that option A is correct.

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8. Answer: d

Explanation:

In the paragraph it is mentioned that proneness to exaggerate, to suppress or modify the truth, wittingly or unwittingly, is a natural weakness of man, and silence is necessary in order to surmount it itself shows that according to the author, silence is required to surmount the tendency of overstate, which is option D.

9. Answer: d

Explanation:

From the question we see that, a club has 12 people and out of 12, 1 will host dinner by picking lot every month either once or even more in month or sometimes he will not be having any chance of hosting a dinner. With all this, it seems that the single member to host dinner in an year cannot be calculated, hence option D is correct.

10. Answer: c

Explanation:

In a clock, the complete circumference is divided into $12 \times 5 = 60$ minute. In the clock between 6PM and 7 PM, the hour hand will overlap minute hand on 6hrs and x minutes. Now time after x the hour hand and minute hand will coincide $30 \times 6 \times 2/11 = 32 \times 8/11$, which is 6hrs and 33 minutes. Now after 3 minutes, it will be 6hrs 36 minutes. Diagrammatically it will be seen as the minute had will at 36 and hour hand will be at 33

Your Personal Exams Guide

11. Answer: a

Explanation:

In each column, let the number at the top be " x " and at the bottom be " y ", so the matrix relation will be $y = x(x-1)$.

Now applying this in above matrix:

3 8 10 2 ? 1

6 56 90 2 20 0

$y = 3(3-1)$ which is 6 $y = 8(8-1)$ which is 56 $y = 10(10-1)$ which is 90 $y = 2(2-1)$ which is 2
 $y = ?(?-1)$

Using above logic we will try all options in: $y = ?(?-1)$

Trying option A, 5, $y = 5(5-1)$ which is 20, it is correct

Trying option B, 0, $y = 0(0-1)$ which is 0

Trying option C, 7, $y = 7(7-1)$ which is 42

Trying option D, 3, $y = 3(3-1)$ which is 6 So we see that the correct option is A

12. Answer: c

Explanation:

In the series 7, X, 21, 31, 43, we see that if we move from Right to left, then calculating the differences among the numbers: $43-31 = 12$ $31-21 = 10$ $21-X = 8$, so $X=13$ $13-7 = 6$
Since we see that number obtained differs from other number by 2, similarly we see that $X = 13$

13. Answer: b

Explanation:

In a test we say that every question has x marks. As the candidate only attempt 8 questions and got 50% marks, so he secured $x/2$ marks in every question. Now we will find the total marks secured by the candidate which is $x/2 * 8$ which on solving is $4x$. Since the candidate got 40% marks in his test, so marks secured in test will be: $4x/40 * 100$, which on solving get $10x$ So the total number of questions in the test will be: $10x/x$ which is 10, so there will be 10 questions, hence option B is correct.

14. Answer: d

Explanation:

Let x be age of the Son Since the father is nine times as old as son and mother is eight times as old as son, so we can write this as $9x$ and $8x$ Further it is given that the sum of father's and mother's age is 51 years, so we can write this as: $9x + 8x = 51$ Now solving for x , we get $17x = 51$ $x=3$, hence correct option is D.

15. Answer: c

Explanation:

Given 4 persons A,B,C,D which are married couples and both females are shorter than their husbands, so option A is correct. If A is tallest among B,C and D which is husband, and D is B's brother, which is also male, so it is noted that both B and C are females, hence option D is correct. Also, if D is B's brother, so D is husband of C and also shorter than A and taller than C. So finally we see that C is taller than B and is shortest among all, so option C is not correct.

16. Answer: b

Explanation:

Given: Man has a wife, two sons and daughters in his family. Daughters were invited to feast while male members of the family went out to take part in picnic. Man's father did not return from his work.

Option A is incorrect as it is not clear about man's wife as nothing is clear.

Option B seems to be true as more likely the man's wife was left at home.

Option C is incorrect as there may be mans wife, daughters and sons who were left at home.

Option D is incorrect as it is not clear from above statements regarding number of people left at home and people moved out.

17. Answer: a

Explanation:

In the above statements, we see that Radha believes that for a Boxer, aggressiveness is required and did not accept the argument that a person became better boxer if he involves into meditation. With this, Radha thinks that meditation makes a person less aggressive, so this suggest that option A is correct.

18. Answer: b

Explanation:

From the above statements we see that Good athletes want to win and eat well balanced food which does not relate to no bad athlete wants to win, so option A is incorrect. Option B is correct as no athlete who does not eat a well balanced diet is good athlete, since there are people other than athlete who eat balanced diet, so option C which says every athlete who eats a well balanced diet is good athlete cannot be concluded. Option 4 is also incorrect as all athletes who want to win need not to good athletes.

19. Answer: a

Explanation:

It is clear from the passage that richer States leads in production and adoption of renewable energy as such states reduces carbon emissions and promote clean energy investments. Such states has electricity with good economy and eco-friendly atmosphere, so option A is correct. Option B is not relevant as it is no where mentioned in the paragraph that poor states needs to depend on rich states for electricity. Option C is not relevant as no where it is seen in paragraph that State Electricity Boards can improve their finances by undertaking clean energy projects. Option D is also irrelevant.

20. Answer: d

Explanation:

The passage describes that Manak mother was after it to have a grandchild, which on failing to have from his earlier wife got Manak to marry again. Among the options shown, option D describes this explanation as patriarchal mindset, that mostly prevails among rural areas across the country. Option A is not considered as Manak was not interested to marry again, so he cannot be described as chauvinism and infidelity. Option B is not considered as Manak did not readily be considered as disloyal towards his wife. Option C is wiped out as Lack of legal safeguards for women cannot be inferred from the passage.

Your Personal Exams Guide

21. Answer: a

Explanation:

In the passage, the author has argued that the aim of government is to free man from fear so that man can enjoy his right to exist and to work without any problem. This will lead to the full potential development of the minds and bodies of the citizens. This will be possible only with social and political freedom. Social freedom can be described as a characteristic of an open society, where individuals or groups can feel open about their opinions... as well as their prejudices. Government is often not a perpetrator in violations of social freedom. Political freedom refers to to the

ability to voice one's opinions, exercise the right to vote freely, associate and protest, etc. Therefore, the most logical and rational inference drawn from the above passage is that the true aim of government is to secure the citizens their social and political freedom.

22. Answer: b

Explanation:

The municipal corporation carries unskilled and competent staff which made them to face certain challenges. The use of better services and infrastructure needs high degree of specialization and professionalism. Option B is correct as cities be able to have better quality of life in case when government bodies planned to have experienced and skilled staff which is clearly stated in the paragraph. Option A is incorrect, as although urban servicing is difficult, but it can be done within particular staff simply by experiencing them and needs not much organizational expansion of municipal bodies. Option C is incorrect as it not stated in the paragraph, so it is abscard. Option D is invalid as it is not a related to demography of country which if employed helps in managing problems associated with rapid urbanization.

23. Answer: c

Explanation:

The above paragraph stated Flamingos are loyal which do group mating dances which safe guard their chicks and gather food. This particular description shows social behaviour in species of birds which increases odds of survival in such insecure atmosphere; this correctly shows that option C is correct.

24. Answer: d

Explanation:

In the paragraph it is stated that maximum poor in rural areas are financially knowledgeable which mostly rely on middle man for their payments which are for them, so it is meant that mainly it is required to give financial knowledge to poor people of rural areas which is normally stated in option A, that cannot be taken into consideration. Option C is not relevant as from the passage it is related that paper system of government is correct as compared to e-payment payment method. Option D is correct as that normally it is required to give financial literacy to poor people of rural areas.

25. Answer: c**Explanation:**

Statement 1 is incorrect as developing countries needs strong institutional framework for human development is not clearly stated in the paragraph. Statement 2 is correct as from the paragraph it is stated that human development and economic growth are not always positively inter-related. Statement 3 is not valid as it goes against stated in the paragraph that focusing mainly on human development results in economic growth, so with this since both statements 1 and 3 are incorrect, this wipes out options A, B and D, so C is correct option.

26. Answer: b**Explanation:**

Statement 1 as mentioned in the question is not relevant to as stated in above paragraph that excess of economic growth is required so as to make sure that lower inequality results in economy, so it is not correct. Since statement 1 is not valid, this wipes out options A, C and D.

Statement 2 is correct as the paragraph suggest that unbalanced importance on growth is sometimes linked with negative environmental penalty which is clearly concluded from the passage.

27. Answer: b

Explanation:

There are three persons running a race, where: $A < B$, $B < C$ Also B and C can both run faster and as B is faster than A, then C is also faster than A Now as compared to person A, person C combination will be: Person C = Person B $>$ Person A, so we see that Person C runs faster than Person A, hence correct option is B

28. Answer: c

Explanation:

There are four persons A, B, C and D all having Rs 100/- each Further person A pays Rs 20 to person B Also person B pays Rs 10 to person C Person C got Rs 30 from person D So amount finally with person A: Rs: 100/- - Rs: 20/- = Rs: 80/- Amount finally with person B: Rs: 100/- + Rs: 20/- - Rs: 10/- = Rs: 110/- Amount finally with person C: Rs: 100/- + Rs: 30/- + Rs: 10/- = Rs: 140/- Amount finally with person D: Rs: 100/- - Rs: 30/- = Rs: 70/- Option A is correct as person C is the richest having Rs: 140/-. Option B is also correct as D has minimum money as compared to all the four. Option C is incorrect as person C has Rs: 140/- which is less than total of persons A and D which is Rs: 150/-. Option D is correct as person B has more money than person D.

29. Answer: c

Explanation:

Given: There are 3 magazines in a town A, B and C, so: 45% people read magazine A 55% read magazine B 40% read magazine C 30% read both magazines A and B, so we denote this as X 15% read both magazines Band C, so we denote this as Y 25% read both magazines A and C, so we denote this as Z 10% read all three magazines A, B and C, we denote this as O Now we will find the percentage of population who do not read any magazine, by considering the figure shown: Now from the above diagram, we write as: $X + O = 30\%$ $Y + O = 15\%$ $Z + O = 25\%$ $O = 10\%$ Substituting percentage of O in above equations we get: $X = 20\%$, $Y = 5\%$, $Z = 15\%$ Hence $a = A - (X+Z+O) = 0\%$ $b = B - (X+Y+O) = 20\%$ $c = C - (Y+Z+O) = 10\%$ People who do not read magazines are: $Sum - (0\%+20\%+10\%+20\%+5\%+15\%+10\%) 100\% - (0\%+20\%+10\%+20\%+5\%+15\%+10\%) = 20\%$

30. Answer: d

Explanation:

We can write as: Cauliflower (taste) > Lady's finger (taste) > Cabbage (taste) Option A is incorrect as peas is as tasty as Cabbage nor the lady's finger. Option B is incorrect as peas are as tasty as cauliflower but not as lady's finger. Option C is incorrect as it can be Peas or Cabbage which can be least tasty among the four vegetables. Option D is correct as Cauliflower is tastier than Cabbage.

31. Answer: b

Explanation:

S

32. Answer: a

Explanation:

Let t be the time taken by two persons A and B to complete the race. B start the race 45 metres ahead of A and A wins the race while B is 35 metres behind A. Now we will find the speed of both persons A and B in the race which is 500meters as: Speed of person A in the race will be $500/t$ Speed of person B in the race will be $500-45-35/t = 420/t$ since A finishes the race when B runs 80 meters less than A. So the ratio of speeds among A and B will be $500/t : 420/t$ which is $500/420$ and further reducing will have $25/21$

33. Answer: a

Explanation:

Let x be the capacity of milk glass The capacity of first filled glass of milk is $1/3 * x$ while the capacity of second filled glass of milk will be $1/4 * x$ Now we see that the quantity of water in first and the second glass will be $x - x/3 = 2/3x$ and $x - x/4 = 3/4x$ respectively Now calculating total milk and total water in two glasses: Total milk in two glasses: $x/3 + x/4 = 7x/12$ Total water in two glasses: $2/3x + 3/4x = 17x/12$ Now comparing the ratio of milk and water among two glasses as: $7x/12 : 17x/12$ which on solving results $7:17$

34. Answer: a

Explanation:

From the question we see that: Total number of students appearing in the exams will be 130 Students failed in English Subject is 62, while students passed will be $130 - 62 = 68$ Students failed in Mathematics Subject is 52, while students passed is $130 - 52 = 78$ Total number of students failed in both English and Mathematics is 24, so $130 - 24 = 106$ students passed in either English or Mathematics. Now total number of students who passed the exams finally will be $68 + 78 - 106 = 40$, which is option A.

Your Personal Exams Guide

35. Answer: c

Explanation:

A bus carrying group of persons who speaks different languages. 6 persons can speak Tamil language 15 persons can speak Hindi language 6 persons can speak Gujarati language 2 persons speak two languages only 1 person speak all three languages Now we assume that 2 persons who speaks two languages as Hindi and Tamil while third person speaks all three languages. Now people who can speak Tamil will be 6, while persons who strictly speaks Tamil will be $6 - 2 - 1 = 3$ Now people who can speak Hindi will be 15, while persons who strictly speaks Hindi will be $15 - 2 - 1 = 12$ Now people who can speak Gujarati will be 6. while persons who strictly speaks Gujarati will be $6 - 1 = 5$ So we see that persons who can speak only single language will be $3 + 12 + 5 = 20$ Since there are 2 persons who can speak two languages and 1 person who can speak all the languages, so the total number of persons will be $20 + 2 + 1 = 23$.

36. Answer: c

Explanation:

Assume X be the numbers of cars parked, while Y be the number of two wheelers parked. Since there are 4 wheels in four-wheelers and 2 wheels in two-wheelers with 100 as total wheels, so write it as: $4X + 2Y = 100 + 2(X + Y)$ On solving $4X + 2Y = 100 + 2X + 2Y$ $2X = 100$, so $X = 50$, hence option C is correct.

37. Answer: c

Explanation:

From the above paragraph it is clear that Mangroves serves as essential role in many coastal food chains as its leaves on biological decomposition can be served

for marine ecosystem, so option C is correct. Option A is incorrect as it describes that coastal areas cannot have food chains without mangroves which doesn't implies that mangroves serves as only source of food. Option B is also incorrect as Mangroves act as required component of all marine ecosystems cannot be inferred since apart from Mangroves there are other components of marine ecosystems. Option D is incorrect as the statement is not covered under scope of required sentence.

38. Answer: d

Explanation:

Liberty means freedom from restraints and freedom to act in any way. It is the survival of person's conditions of social life without which nobody can be at his best self. Option A is incorrect as Liberty is not the absence of restraints, but it is replacement of illogical restraints by normal ones. Option B is incorrect as Liberty is not the law but serves as essential condition in order to enjoy rights. Option C is also incorrect as Liberty serves as an opportunity to men to be best self which doesn't allow to do whatever they desire. Option D is correct as it relates with the question statement where liberty act as maintenance of atmosphere allowing men to improve themselves.

Your Personal Exams Guide

39. Answer: b

Explanation:

In the passage, it is clearly stated that climate change result in aggravation of food and security problems while poverty serves as main factor from climate change, so this seems that the description is shared with above statement, so with this it seems that option B is correct as poverty and climate impact supports each other. Option A is not valid as nothing is stated in the paragraph regarding financial illusion from government for food subsidies. Option C is also not valid as paragraph didn't highlight fighting for poverty malnutrition and global problem.

40. Answer: d

Explanation:

Foreign Portfolio investments from advanced economies serve as threat for emerging economies in terms of equity and investments. Option A is incorrect as foreign portfolio investments are good for emerging economies as stated above. Option B is not valid as an advanced economy doesn't weaken global financial stability. Option C is not valid as the paragraph is not related to Indian economy but describes global features. Option D is correct as rising economy is at risk from advanced economies

41. Answer: c

Explanation:

The paragraph says open defecation is unsuccessful which lead to many health problems where there mothers produce underdeveloped babies who are prone to sickness which bears on human capital since it is difficult for person to work because of being unhealthy, which describes option C as serious conclusion from above passage, hence it is correct. Option b is not taken into consideration as although open defecation is an important problem but at the same time not the most important problem.

42. Answer: b

Explanation:

The passage describes that there relates to certain principles of democracy which simply describes in paper and are not practically adopted in real life. So it is clearly understood from the passage that the real meaning of democracy is to give equal

opportunities to everyone, which is option B, hence it is correct. Option A is not valid as there is no matter about castes, communities and religions as highlighted in the para above. Option C is not correct as understanding the meaning of democracy does not actually summarize the passage. Option D is not valid as establishing of actual democratic governance doesn't relate to crunch of a paragraph.

43. Answer: b

Explanation:

In the passage, the description regarding working of developing countries involving accessing of the financial institutions in terms of availability which clearly violates statement 1 which describes Indian financial institutions not having financial instruments to mobilise savings. Statement 2 is valid as it is clearly mentioned in the passage that poor households be likely to spend earnings/savings owing to lack of access to suitable financial instruments.

44. Answer: d

Explanation:

The passage describes focus on having more financial inclusion by setting up of formal financial establishment along with access to different financial instruments. So among the options, option D is correct as passage clearly stated about increase in number of financial inclusion which can be possible by having more number of Banks.

45. Answer: b

Explanation:

The passage clearly stated that support of recognised rules and principles should be given preference over selected judgment of authority. It is noted that to safeguard fundamental Right and protection of abuse of discretionary power can only be possible if rules are to remain intact in its place. So among the options, option B which says about supremacy of rules and safeguards must succeed as conflicting to control special discretion of authority, which is correct.

46. Answer: d

Explanation:

Total number of candidates who appeared for interview for the post of Principal and Vice Principal is 6. No of post of Principal is 1, while number of post of Vice Principal is 2. Since two candidates who are eligible for Principal post, so ways in which Principal gets selected will be 2. As candidates who appeared for interview are eligible for post of Vice Principal, so there will be 2 out of 5 candidates who gets selected for Vice Principal post. Hence initially, Vice Principal gets chosen in 5 ways while for second post, the Vice Principal be chosen in 4 ways. Hence ways in which Vice Principal gets chosen will be $20/2 = 10$, so possibility of chosen two posts will be $2 \times 10 = 20$, hence option D is correct.

Your Personal Exams Guide

47. Answer: c

Explanation:

There are 5 subjects Commerce, Economics, Statistics, Mathematics I and Mathematics II from which a student has to choose 2 subjects. Subject Mathematics II will be offered to student who choose Mathematics I. Now the number of possible combinations of two subjects will be: Combination 1: Commerce + (Economics, Statistics, Mathematics I) + Mathematics II = 3 Combination 2: Economics + (Commerce, Statistics, Mathematics I) + Mathematics II = 3 Combination 3: Statistics + (Commerce, Economics, Mathematics I) + Mathematics II = 3 Since Mathematics II is offered to student who choose Mathematics I = 1, so adding all

combinations results as 10. As there are 3 common combinations, so total possibility will be $10 - 3 = 7$

48. Answer: d

Explanation:

If q be quantity of pairs of brown socks with price x , then amount of black pair will be $3x$ as it is mentioned in the question that amount of black pair is three times that brown pair. Now if a customer asked for 5 pairs of quantity of black socks and remaining pairs of brown socks quantity, then the shopkeeper prepares his bill as $5 \cdot 3x + qx = 15x + qx$. Due to clerical mistakes, the quantity of black and brown pairs gets interchanged, so his bill will now be $q \cdot 3x + 5x = 3qx + 5x$. From the question, it is stated that the amount increases by 100%, so the customer actual bill will be $3qx + 5x = (1 + 100/100) (5 \cdot (3x) + qx)$ Now on solving the expression we get $3qx + 5x = 30x + 2qx$ So $qx = 25x$, hence $q = 25$, so there will be 25 pairs of brown socks in actual order

49. Answer: d

Explanation:

Assume a be the number of persons who reads magazine X, b be the number of persons who read magazine Y and c be the number of persons who read both magazine X and Y. Since the number of persons who read magazine X only will be thrice as compared to persons reading magazine Y and persons reading magazine Y is thrice as compared to persons reading magazine X. Total number of persons reading X magazine will be: $a = 3(b + c)$, while number of persons reading Y magazine will be $b = 3(a + c)$. On subtracting $b = 3(a + c)$ from $a = 3(b + c)$, we get $a = 3(b + c) - b = 3(a + c) = a - b = 3b + 3c - 3a - 3c$, so $a - b = 3b - 3a$ which is $4a = 4b$, $a = b$, further on solving we see that $3c = -2a$. from this we conclude that the negative sign shows that there appears some problem with data and hence option D is correct as neither statement 1 nor 2 is correct.

50. Answer: a

Explanation:

If we see from the other graph, we could predict that there are two overlapping lines which shows the earning of A and B. The first overlapping point appears at 2007, while second at 2010. If we imagine first to be A and second to be B, then we see that average earning of A is more than earning of B during this period, so option A is correct. Option B is incorrect as average earning of B is less than A during this period. Option C is incorrect as there are difference of earning among A and B as per the graph, so earnings of A and B are not similar during this period.

51. Answer: b

Explanation:

To solve such type of questions, we will first know that how much tank is filled by both the pipes in 1 minute and after getting that result, we will simply add them as shown: Now the time taken by pipe A to completely fill the tank is 20 minutes, while time taken by pipe B to completely fill the tank is 30 minutes. Initially we will find quantity of water filled by both pipes in a tank in 1 minute. Quantity of water filled by pipe A in a tank 1 min = $\frac{1}{20}$ Quantity of water filled by pipe B in a tank in 1 min = $\frac{1}{30}$ So total Quantity of water filled by both pipes A and B ie (A+B) in 1 min = $\frac{1}{20} + \frac{1}{30} = \frac{1}{12}$ So we see that both pipes A and B can fill the tank in 12 minutes, which is option B.

52. Answer: c

Explanation:

From statement 2, I, G and Y are on adjacent faces and statement 3, B, G and Y are on adjacent faces, we see that I and B are on opposite faces. Further we see that from statement 1, Y, O and B are on adjacent faces and statement 4, O, V and B are on adjacent faces, V and Y are adjacent to O, while O is opposite to G, which is option C.

53. Answer: d

Explanation:

UFOs are not identifiable either object or phenomenon but in earlier days are known as flying discs. We cannot say that these are heavenly bodies as no identification related this has been found so far, so option A is not correct. Option B is also incorrect as information on being it as heavenly body has not been identified, so we cannot say that it was send across by other heavenly bodies. Option C is incorrect as no information based on it has been identified. So finally option D is correct as there appears no definite information about UFO so far.

54. Answer: c

Explanation:

Given $ABC \times DEED = ABCABC$ Now divide ABC on both sides, so $DEED = ABCABC / ABC$ Consider some random numbers for ABC and divide as shown in expression: $DEED = ABCABC / ABC$ $DEED = 121121/121$ $DEED = 1001$ $DEED = 032032/032$ $DEED = 1001$ $DEED = 005005 / 005$ $DEED = 1001$ Here we see that $DEED = 1001$ only when $ABC > 1$ and $DEED$ is 0 when ABC is 0, so we see that since the sequence of DEED appears in all the cases will be 1001, so $D=1$ and $E=0$.

55. Answer: c

Explanation:

As per the commodity graph it is clearly seen during the year 1990, the price of commodity is above Rs 10/- and below Rs 20/-, so it lies anywhere between Rs 10/- to Rs 20/-, hence correct option is C.

56. Answer: c**Explanation:**

From the Family charts, we see that the total expenditure of Family A per month is Rs, 20,000/- and total expenditure of Family B per month is Rs, 1,00,000/-. Now from the graph of family A, expenditure on food will be 50% of Rs 20,000/- which is Rs 10,000/- and from the graph of family B, expenditure on food will be 10% of Rs 1,00,000/- which is Rs 10,000/-, so we conclude that both families A and B spent the same amount of money on food items, so option C is correct.

57. Answer: b**Explanation:**

In the question given: Usha > Kamala Priti < Swati Swati < Kamala No we need to find the slowest runner, by arranging all the four runners from order of highest runup as: Usha > Kamala > Swati > Priti, so we see that Priti among all is the slowest which is option B.

58. Answer: d**Explanation:**

In the above paragraph it is narrated that there result high inflation in India with the result of administered prices, imbalancing among demand and supply, depreciation of rupee and speculation. These economic reforms increases inflation, hence the correct options among them is D.

Option A is not valid as avoiding trade liberalisation policies and subsidies is not a solution.

Option B is incorrect as nothing has been mentioned in paragraph regarding preparation of trade liberalisation process.

59. Answer: d

Explanation:

The paragraph clearly stated that no Right is absolute, exclusive or inviolable and is personal property inspite of certain restrictions and reasons, so summarization of concept behind economic justice which demands for right of person for achieving property lead to reconciliation, hence seems to be a convincing explanation for above paragraph.

60. Answer: a

Explanation:

The paragraph clearly state that their appears conflict among man and State that brings adjustment among challenging claims of State and man as dynamic nature of human. Option A is correct as conflict among man and state is ancient conflicts whose solutions are far away. Options B, C and D are not so important explanations as per the author.

61. Answer: c

Explanation:

The passage describes matter of debate in field of multilateral negotiations which carried out in UNFCCC as per the activities of developing countries in terms of climate change. The debate related to scale and magnitude of financial support required by developing countries to enhance domestic mitigation and adaptation actions for having multilateral negotiations carried out at UNFCCC. With this statement 1 and 3 is correct as debate is related to scale and size of financial support with idea of improving alleviation and alteration actions in developing countries, hence option C is correct.

62. Answer: c**Explanation:**

The paragraph describes convention that directly puts responsibility for terms of financial support on developed countries which takes into account contribution to save greenhouse gases in atmosphere. Statement 3 clearly describes convention puts responsibility for provision of financial support on developed countries so as to put contribution for Green House Gases and not for GDP and per capita income, so statement 1 and 2 are invalid, which violets options A, B and D.

63. Answer: a**Explanation:**

In the paragraph it is clearly stated that UNFCCC puts responsibility for financial support on developed countries for contribution to store greenhouse gases in atmosphere with which domestic finances gets more likely to fall short of present and needs of developing countries. It is clear that climate change in developing countries results in implications on domestic finances, which makes statement 1 as

valid. Statement 2 is not valid as paragraph doesn't relate to implication of climate change in terms of capacity for multilateral trade.

64. Answer: a

Explanation:

The paragraph clearly discuss that magnitude of task and funds needed for domestic finances are likely to fall short of current and projected needs of developing countries. Option 1 clearly supports that conflict among developed and developing countries in respect to support.

65. Answer: c

Explanation:

In the question, let the 5 task will be W1, W2, W3, W4 and W5 and 5 people be P1, P2, P3, P4 and P5. It is noted that W1 cannot be assigned to P1 and P2, so it can be done through either P3, P4 or P5. Work 2 must be assigned to either P3 or P4. We see that Work 1 can be given to person P3 and P4, so 2 ways, First work can be done in 3 ways by 3 person while third work can be done by 4 persons in 4 ways, so possibility will be $2 \times 3 \times 4 = 24$, which is option C.

66. Answer: a

Explanation:

The monthly income of Peter and Paul will be $4A:3A$ and monthly expenses be $3Y:2Y$. Now we will see how much Peter and Paul have saved by computing $4A - 3Y$ and $3A - 2Y$. If Peter and Paul save Rs 6,000/- each, then we can write this as: $4A - 3Y = 6000$ -----1 $3A - 2Y = 6000$ -----2 On manipulating we get $A=Y$, so considering 4A

– $3Y = 6000$ and replacing Y with A , we get A as $6,000/-$, Therefore we see that monthly income of Peter and Paul will be $3Y=18,000$ and by replacing $3Y=18,000$ in equation 1, we have $4A= 240000$ hence option A is correct.

67. Answer: b

Explanation:

Distance between two cities A and B is 360 km. A car moves from city A to city B with a speed of 40 km/hr and returns to city A with a speed of 60 km/hr, so the average speed of the car can be calculated as $\text{Distance traveled} / \text{Time taken} = \text{Distance from A} \text{-----} \text{B} \text{-----} \text{A}$ is $2AB = 2 \times 360 = 720$ = Total time taken will be $AB/40 + AB/60 = 360/40 + 360/60 = 15$ Hence average speed will be $\text{Distance traveled} / \text{Time taken} = 720/15 = 48 \text{ km/hr}$, which is option B

68. Answer: b

Explanation:

In the question A, B, C, D, E and F are cousins of different ages having their birthdays on same day of same month. The youngest cousin is 17 years old, E being oldest which is 22 years old and age of cousin F is in between the ages of cousin B and cousin D. If cousin A is older than cousin B, while cousin C is older than cousin D and cousin A is 1 year older than cousin C, then we analyse that the table below shows the respective ages of all the cousins as: In the above table we see that age of cousin A is more than cousin B and age of cousin C is more than cousin D, while age of cousin A is 1 yrs more than cousin C, so we see that cousin B and cousin D are smaller in age than cousin A and cousin C, so we see that the age of cousin F is in between the age of cousin B and cousin D, which gives age of F as 18 years.

69. Answer: b

Explanation:

We see that all six cousins A, B, C, D, E and F are of different ages with their birthdays on same day of same month. The youngest cousin is 17 years old, E being oldest which is 22 years old and age of cousin F is in between the ages of cousin B and cousin D. If cousin A is older than cousin B, while cousin C is older than cousin D and cousin A is 1 year older than cousin C, then we analyse the age from the table shown: In the above table we see that age of cousin A is more than cousin B and age of cousin C is more than cousin D, while age of cousin A is 1 yrs more than cousin C, so we see that cousin B and cousin D are smaller in age than cousin A and cousin C, so we see that the age of cousin F is in between the age of cousin B and cousin D, which gives age of F as 18 years. We see from the table that since the ages of cousin B and cousin D in order is 17 and 19, hence there exists 2 order, which shows that option B is correct.

70. Answer: c

Explanation:

It is assume that number of Males in the party be X and females be Y , so if two people with opposite sex shake hands in the party, then number will be XY . If there are 24 numbers of total hand shakes in the party, then we can write this as $XY=24$. Similarly, when two opposite sex person hugs at the party, then number of hugs will be addition of both male person hug and female person hug, hence each male will hug $X-1$, which is $X(X-1)/2$. So we can write total number of hugs at the party as $X(X-1)/2 + Y(Y-1)/2$. If we calculate from the above options, we see that in option C, 1 male can shake hands with 12 girls, so total number of hand shakes will be 24. Now number of hugs will be $(5+4+3+2+1)+(3+2+1)=(15)+(6)=21$ which is correct.

71. Answer: d

Explanation:

From the above description, we analyse that Shabnam speaks Marathi while Anil speaks Tamil, So among David and Rekha, anybody can speak Marathi and Tamil. Since both Rekha and David can drive a Car, so we see that option D is correct as anybody who can drive a car can speak Tamil.

72. Answer: d

Explanation:

Given: line X is perpendicular to line Y and parallel to line Z line U is perpendicular to lines V and W line X is perpendicular to line V We see that since U is perpendicular to lines V and W, so it means that line V is parallel to line W Also, we see that line V is parallel to line Y, hence from above we see that Y, W and V are parallel, which makes choice D correct.

73. Answer: d

Explanation:

Given: Cost of Cow is more than 4 goats but less than 5 goats Cost of Goat is in between Rs. 600 and Rs. 800 Since the cost of Cow is $4 * \text{Rs } 600$ but less than $5 * \text{Rs } 800$, which is Rs 2400 and Rs 4000, so with this we see that option D is correct.

74. Answer: b

Explanation:

A society consists of fighters and cowards. Coward and Coward are friends. Fighter and Coward are enemies. Fighters are indifferent to one another. A and B are enemies C and D are friends, means they are Coward E and F are indifferent to each other, means they are Fighters A and E are not enemies, means they can be Fighters

or Coward B and F are enemies We see that E being a Fighter, so A is also a Fighter and B, C and D are Coward. With this we see that A, E and F are fighters, hence option B is correct.

75. Answer: b

Explanation:

Box contains marbles where red, white and green marbles. There are 3 less white marbles as compared to red marble, so we see that there are 13 red marbles in the box. There are 5 more white marbles as compared to green marble, so it is concluded that box contains 5 green marbles. Total number of white marbles is 10 Total number of marbles in the box will be addition of all the three which is $10+5+13 = 28$. Hence we see that option B is correct.

76. Answer: c

Explanation:

A competitive examination was held where there 60% men and 40% women Result of students passed in Qualifying Test will be 70% men and 75% women Result held for students passed Final test comprises of 80% men and 70% women We need to find assume that the total number of students who appeared in test will be X It means that competitive examination consist of $0.6X$ men and $0.4X$ women Now men selected for final test will be $0.7 * 0.6T$ which is $0.42T$ while women selected for final test will be $0.75*0.4T$ which is $0.3T$ Men passed the final test will be $0.8*0.42T$ while Women who passed the final test will be $0.7*0.3T$. Men qualified final test will be $0.336T$ while Women who qualified final test will be $0.21T$. Now if we compare we see that there will be more men who cleared the final test as compared to the women, so option C is correct.

77. Answer: a

Explanation:

An automobiles owner reduced his monthly petrol consumption when the prices went up. The price-consumption relationship is as follows:

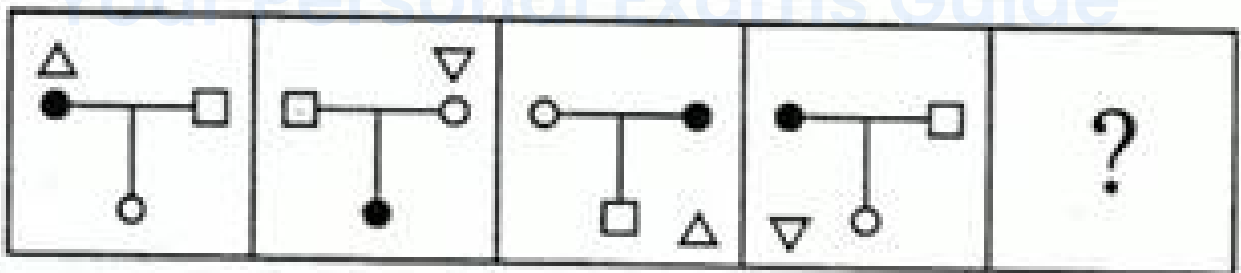
| | | | | |
|---------------------------------|----|----|----|----|
| Price (in Rs. Per litre) | 40 | 50 | 60 | 75 |
| Monthly consumption (in litres) | 60 | 48 | 40 | 30 |

If the price goes up to Rs. 80 per litre, his expected consumption (in litres) will be

78. Answer: a

Explanation:

From the pattern shown in fig



The triangle shown in figures gets moved from one corner to another in clockwise direction and gets inverted. After this we see that the triangle on shifting finally placed at top left corner with corner pointing upward along with all elements placed in counterclock direction, making option A.

79. Answer: d

Explanation:

Option D is correct as if we club the two rectangles horizontally one above the other and fixing two right triangles on the sides, we get the above figure. Options A, B and C are incorrect as in these figures the rectangles are not perfect with sides.

80. Answer: d

Explanation:

Consider the following statements followed by two conclusions:

Statements: Some men are great.

Some men are wise.

Conclusion I: Men are either great or wise.

Conclusion II: Some men are neither great nor wise

Which one of the following is correct?

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