

IBPS PO MAINS



MODEL PAPER 2



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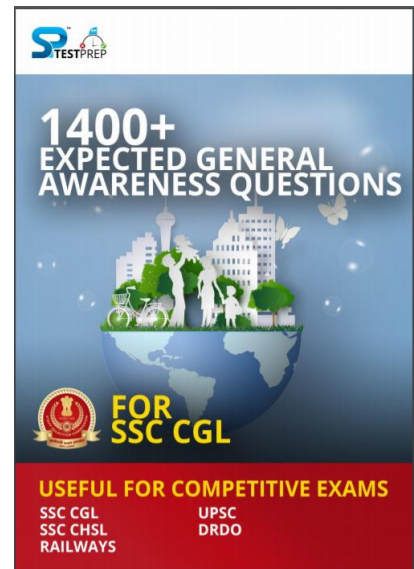
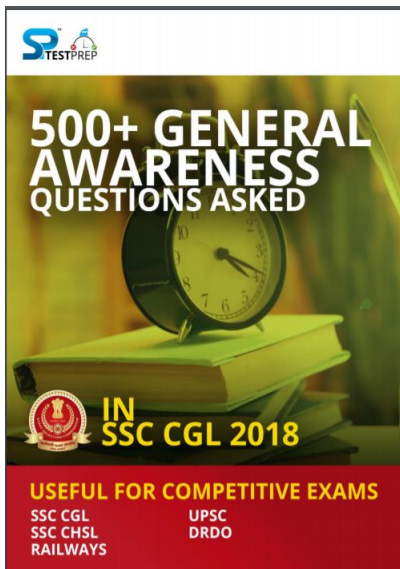
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Directions (1-4): Read the following passage and answer the questions as directed.

Paragraph 1- One of the easiest ways to establish a savings habit is to participate in your employer's 401(k) plan. Funds are withheld from each paycheck and deposited into your account. If your employer matches part of your contribution — and many do! — you will accumulate yet more. A second way to consistently save is with an automatic savings transfer program with your financial institution. You decide how much and when you want funds transferred from your checking account into a savings account. You can also use a payroll deduction plan from your employer and get the same results.

Paragraph 2- Along with how much and how often you save, what you earn on your funds will determine how fast your money grows. You cannot control what happens with interest rates or the stock market, but you can consider different types of savings vehicles that provide different returns. The simplest savings vehicle to consider is buying certificates of deposit (CDs) instead of leaving funds in a savings account. CDs usually offer higher interest rates, but they are time deposits and have for early withdrawal. If you can accept not having immediate access to your funds, CDs can be an attractive savings vehicle.

Q1. Which of the following can be inferred as the theme of the passage?

- A. Certificate of deposits is the best way to establish savings habit.
- B. Establishing a consistent saving habit and also smart saving with CDs.
- C. Employer's 401(k) plan provides a convenient way for consistent and smart savings.
- D. Your savings decide how well you flourish and grow.
- E. None of the Above

Q2. Which of the following can replace the word given in bold in the passage?

- A. though
- B. even
- C. quitely
- D. accrue
- E. more

Q3. What is the tone of writing in the passage?

- A. Satirical
- B. Critical
- C. Didactic
- D. Sarcastic
- E. Nostalgic

Q4. Which of the following words can fill in the blank to make it meaningful?

- A. gifts
- B. lucrative



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- C. casualties
- D. penalties
- E. None of the Above

Directions (5-7): Read the following paragraph and answer the questions as directed.

Budgeting is an important tool for saving. First, you need to segregate all your income and expenses. Now, categories your expenses as least important, important and very important to priorities them while settling them through your income, which is limited. Try to figure out ways in which you can increase expenses. Ensure that your income exceeds the expenses with as wider a margin as possible. The surplus fund after meeting all the expenses would be your saving. It is only after you have assured savings that you can thinking about investment.

Q5. Which of the followings is the correct chronology of steps as can be inferred from the passage?

- A. Saving-Budgeting-Investment
- B. Investment-Budgeting-Saving
- C. Budgeting-Saving-Investment
- D. Budgeting-Investment-Saving
- E. None of the Above

Q6. Which of the following words, opposite of the word given in bold, should replace the word given in bold in the passage?

- A. Enhance
- B. Curtail
- C. Damage
- D. Lengthen
- E. Leverage

Q7. Which of the following is the best way of writing the line given in italics in the paragraph, without changing its intended meaning?

- A. Surely, the income will exceed the expenses by a wider margin.
- B. The income will be greater than the expenses is not a possibility.
- C. Make sure that the income is greater than the expenses by a margin as wide as possible.
- D. If the income does not exceed the expenses by a wider margin, it will be useless.
- E. None of the Above

Directions (8-10): Read the following paragraph and answer the questions as directed.

The way most of us save is to put away whatever is left after all expenses are taken care of, or put away any surplus income. But that is not the best way of saving and there are chances of us falling short. A very stringent savings plan that favours future demands over current aspirations is also likely to fail. Instead, a better approach is where due consideration is given to current and future



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needs. This will help divide the available income between current consumption and future saving. If an expense or a need is too large to be met out of the regular income, earmark it for the future. So the way to buy a coveted watch is not to swipe the credit card and commit yourself to debt, but to set aside money from your current income and buy the watch when you have the required funds.

Q8. Which of the following can be best inferred from the paragraph?

- A. The better way to save is to give due consideration to current and future needs and plan accordingly.
- B. It's better to buy the things that you require at present than to save money and buy them later.
- C. Buying a watch is more important than saving for the future.
- D. A stringent savings plan will produce a good result for the future.
- E. None of the Above

Q9. Which of the following word should fill in the blank in the paragraph?

- A. stringent
- B. bad
- C. unethical
- D. moneywise
- E. Both (A) and (D)

Q10. Which of the following can be next line after the last line of the given paragraph?

- A. Most of us never have enough money for immediate expenses as well as saving.
- B. There will be a lot of unwanted expenses that can creep in every now and then.
- C. If we had enough money to meet our current expenses and future goals, there would be no problem.
- D. Expenses or needs that have to be met at a point of time in the future are called goals.
- E. Just as we segregate the essential and less important things in our shopping list, do the same with your goals.

Directions (11-13): Read the following passage carefully and answer the questions given below it.

Certain words are given in bold to help you locate them while answering some of the questions. Pakistan's Army and political leadership are on "one page" to take dialogue with India forward, Pakistan's Prime Minister Imran Khan said on Wednesday at the ground-breaking ceremony for the corridor. Pakistan's Chief of Army Staff General Qamar Bajwa was also present. The four-kilometre corridor from the border with India will allow pilgrims easy access and will be ready in time for Sikh founder Guru Nanak's 550th birth anniversary on November 23, 2019. In a speech largely reaching out to the Indian government to "break the shackles of the past" and restart engagement, Mr. Khan also struck a discordant note on Kashmir, referring to the dispute as the "single issue" between India and Pakistan. India has maintained that terrorism sponsored by Pakistan is holding back the dialogue



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process. Asked about the reference, Ms. Badal told The Hindu that the remark didn't change the Indian stand.

Q11. Which of the following assumptions could be drawn out most appropriately from a clause in the first paragraph 'Pakistan's Army and political leadership are on "one page" to take dialogue with India forward'?

(I) In Pakistan, to have a dialogue with India, there should be a consensus between Pakistan's Army and the Pakistan's political leadership.

(II) There is a paper of high strength present in Pakistan where Pakistan's Army and the Pakistan's political leadership could stand together.

(III) Pakistan's political leadership could independently take forward dialogue with India.

- A. Only (II) & (III)
- B. Only (I)
- C. Only (I) & (II)
- D. All of (I), (II) and (III)
- E. None of (I), (II) and (III)

Q12. What does Mr. Khan mean by referring to the Kashmir dispute as the "single issue" between India and Pakistan?

- A. According to Mr. Khan, there is only one issue between India and Pakistan which needs to be solved.
- B. According to Mr. Khan, dispute on Kashmir is an issue among other important unresolved issues between India and Pakistan which has the highest importance.
- C. According to Mr. Khan, Kashmir is a part of both India and Pakistan.
- D. According to Mr. Khan, India and Pakistan have failed to resolve the issue between India and Pakistan.
- E. None of the above

Q13. Which of the following words has the meaning which is SIMILAR to the meaning 'discordant'?

- A. Ugly
- B. Concur
- C. Accord
- D. Clashing
- E. Endorsement

Directions (14-16): Read the following passage carefully and answer the questions given below it.



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Certain words are given in bold to help you locate them while answering some of the questions. The government is of the view that IndiGo and SpiceJet should withdraw their web check-in fee, according to a top source in the Ministry of Civil Aviation. IndiGo and SpiceJet recently revised their web check-in policies to include a levy for air travellers opting for web check-in for any seat in an aircraft. Earlier, passengers would have to pay extra only for certain preferred seats. "We have told the two airlines to remove the new fee," the source told The Hindu. The Ministry had already met the airlines' officials and would be holding another meeting with them. Asked how the government could intervene since airlines were allowed to unbundle fares and charge separately for preferential seating, meal-on-board, check-in baggage and use of airline lounges, a senior official said airlines should incentivise web check-in.

Q14. Which of the followings, as mentioned in the passage, could create hurdles for the government in its desire to intervene and convince Indigo and SpiceJet to withdraw web check-in fee?

- A. Ministry of Civil Aviation or government has no authority to give directions to airlines.
- B. Airlines can unbundle air-fare and charges for services.
- C. Making airlines to withdraw web check-in fees would invite protest from them and they would stop operating their aircrafts.
- D. Options (A), (B) & (C)
- E. None of the above

Q15. Which of the following statements, if true, would encourage the government to convince Indigo and SpiceJet to withdraw their web check-in fee?

(I) Keeping web check-in free would encourage passengers to opt for it, would allow the passengers to come to airport not too early and in effect would help in controlling the number of passengers in an airport and would help the security personnel in the security management of an airport.

(II) Levying fee to web check-in would either make air-travel costly or increase discomfort to the airline passengers. This might discourage people to opt for air travel and would be against the aspiration of the government to increase the overall number of air travel passengers.

(III) Levying fee to web check-in would discourage the passengers to opt for it and might decrease the usage of internet to avail important services, in contradiction to the objective of the Digital India Initiative.

- A. Only (II)
- B. Only (I) & (II)
- C. Only (II) & (III)
- D. None of (I), (II) & (III)
- E. All of (I), (II) & (III)



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Q16. Which of the following words has a meaning which is OPPOSITE in meaning to the word 'withdraw'?

- A. abolish
- B. separate
- C. remove
- D. rescind
- E. approve

Directions (17-19): Read the following passage carefully and answer the questions given below it.

Certain words are given in bold to help you locate them while answering some of the questions. Noting that the 1984 anti-Sikh riots were a "dark chapter in the history of independent India," the Delhi High Court on Wednesday upheld the conviction of 70 persons on the charges of rioting, burning houses and violating curfew in the Trilokpuri area in the national capital. The riots took place after the assassination of Indira Gandhi. Justice R.K. Gauba dismissed the appeals of the convicts against the August 27, 1996, judgment of a sessions court here, sending 89 persons to jail for five years.

The judge said: "Thirty-four years have passed, yet the victims await justice and closure." Of the 89, 16 died during the pendency of the trial before the High Court, which dragged on for 22 years. The court dismissed the appeal of three more convicts who absconded during the trial.

"The manner of prosecution of the case at hand would undoubtedly go down in the judicial history of this country as an example of criminal law process that must never be emulated," the High Court said.

Q17. Why did the Delhi High Court use the phrase 'Dark Chapter in the history of Independent India'?

- A. The 1984 anti-Sikh riots were not religiously motivated riots.
- B. The 1984 anti-Sikh riots led to the defense of innocent people belonging to several communities
- C. The 1984 anti-Sikh riots were shameful events in the history of independent India.
- D. Options (a) & (b)
- E. All of (a), (b) & (c)

Q18. What is the opinion of the Delhi High Court about the manner of prosecution of the 1984 anti-Sikh riots?

- A. The manner of prosecution of the 1984 anti-Sikh riots has been effective in delivering justice.
- B. The manner of prosecution of the 1984 anti-Sikh riots has been very pathetic and must not be repeated in the Indian Judiciary.



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- C. The way prosecution of the 1984 anti-Sikh riots was conducted provided timely justice to the victims.
- D. Options (A) & (C)
- E. None of the above

Q19. Which of the following words has a meaning which is SIMILAR in meaning to the word 'absconded'?

- A. Emulated
- B. Surrendered
- C. Appointed
- D. Escaped
- E. Arrested

Directions (20-21): Read the following passage carefully and answer the questions given below it.

Certain words are given in bold to help you locate them while answering some of the questions. Justice Kurian Joseph, one of the senior-most judges of the Supreme Court, on Wednesday said the courts had been imposing the death penalty "arbitrarily and freakishly".

Justice Kurian, in his judgment while heading a three-judge Bench hearing the appeal of a man sentenced to death, said the test of "rarest of rare" had been "inconsistently applied" by courts. The other two judges, Justices Deepak Gupta and Hemant Gupta, disagreed that death penalty was "freakishly" imposed.

Q20. Which of the following's judges believe that courts have failed to uphold the principle of justice?

- A. The given passage doesn't talk if courts have failed to uphold the principle of justice.
- B. Justice Deepak Gupta
- C. Justice Hemant Gupta
- D. Options (b) & (c)
- E. Justice Kurian Joseph

Q21. Which of the following words has a meaning which is OPPOSITE in meaning to the word 'disagreed'?

- A. bickered
- B. haggled
- C. contended
- D. concurred
- E. feuded

Directions (22-31): Read the given passage carefully and answer the questions.



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The system of “local welfare” schemes set up less than five years ago to provide emergency help to England’s poorest families, often to help them cope with delays and sanctions to their benefits, is on the **(A)** of collapse, say poverty campaigners. **(B)** A survey of more than 150 council-run schemes by Church Action on Poverty found that nearly a quarter had been shut down since 2013, while a further quarter have reduced spending by 85% or more. More are expected to close in the next few months. **(C)** The destitution **(1)** of local welfare would put tens of thousands of vulnerable **(2)** people at increased risk **(3)** of hunger, debt and demise **(4)**, the charity said. The system was designed to help people on low incomes deal with unexpected hardship, **(D)**:-----, or domestic crises such as broken boilers, house fires and flooding. Huge cuts to council budgets have left the system, which replaced the old social fund, struggling to survive. Provision is so uneven that thousands of people cannot access emergency help from the state, Church Action on Poverty said. “Local authority welfare schemes are increasingly **(E)**, leaving families in many areas with nowhere to turn for help,” said the bishop of Manchester, David Walker. “It cannot be right for central and local government to **(F)** abdicate responsibility for people in crisis when they need our help most.” **In many areas, the most common reason for an application for crisis support is delays or sanctions to benefits, with some councils noting that the five-week minimum wait for a first universal credit payment is an emerging factor in rising demand.** Universal credit claimants facing hardship who contact Department for Work and Pensions (DWP) helplines for help are routinely directed to local welfare schemes in their areas if they do not qualify for official advance loans or hardship funds. Church leaders and anti-poverty charities called on ministers to make local welfare provision a legal duty for top-tier councils, and to provide ringfenced funding to protect crisis services. The 153 councils that responded to the survey collectively reduced spending on local welfare by an average of 72% between 2013-2014 and 2017- 2018. **(G)** Local welfare provision replaced the discretionary social fund, which in its final year spent £240m in crisis loans and community care grants. **(H)** It was going **(1)** to councils with DWP funding **(2)** in 2013 but that cash was stopped **(3)** in 2015, with councils left to decide whether to keep the schemes devolved **(4)**. Huge budget pressures faced by councils mean even authorities that have protected local welfare in the past are proposing drastic cuts. West Sussex county council recently unveiled plans for an 80% reduction in its £800,000 crisis fund from next April. **(I)** Local welfare has been controversially as most councils refuse to give cash payments to clients in crisis, choosing instead to offer supermarket food vouchers or refer them to food banks. In one case, Isle of Wight council offered a 62-year-old homeless woman a voucher to buy a tent. Only two English councils – Islington in north London and North Tyneside in the north-east – had higher local welfare budget cash totals year compared with 2013, by 12% and 4% respectively. Niall Cooper, the director of Church Action on Poverty, said: “The **(J)** of the social fund was that people could stay afloat and hopefully ride out a crisis, rather than sinking deeper into poverty. A lifeline in times of emergency is a vital part of a compassionate society, but it has been withdrawn in many places and neglected almost everywhere.”

Q22. Which of the following word given in the options should come at the place marked as (A) in the above paragraph to make it grammatically correct and meaningful Also, the word



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should fill in the two sentences given below to make them contextually correct and meaningful.

(i) She stood out of his way, barely able to care for a child and at a loss as to what to do with a boy on the of becoming a teenager.

(ii) He found the country on the of revolution; but the wisdom of the new monarch saved the situation and won back the Magyars.

- A. middle
- B. edging
- C. verge
- D. resemble
- E. terminate

Q23. In the passage given, a sentence (B) is given in italics. There may or may not be an error in one part of the sentence. Choose the part which has an error in it as your answer. If there is no error then choose option (E) as your answer.

- A. A survey of more than 150 council-run schemes by
- B. Church Action on Poverty found that nearly a quarter
- C. had been shutted down since 2013, while a further
- D. quarter have reduced spending by 85% or more.
- E. No Error

Q24. The sentence given in (C) has four words given in bold. Amongst the given bold words which of the following must replace each other to make the sentence contextually correct and meaningful.

- A. 1-4
- B. 1-3
- C. 2-3
- D. 2-4
- E. 1-2

Q25. Which of the following phrases should fill the blank in (D) to make it contextually correct and meaningful?

- A. facing the severe impacts caused by the crisis
- B. including job programmes and childcare, but also transfers to other state programmes,
- C. which are a cause of severe balance of payments
- D. so some avoid them by limiting how many people are eligible for welfare in the first place.
- E. such as a lack of money caused by benefit payment problems

Q26. Which of the following word given in the options should come at the place marked as E in the above paragraph to make it grammatically correct and meaningful. Also, the word



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should fill in the two sentences given below to make them contextually correct and meaningful.

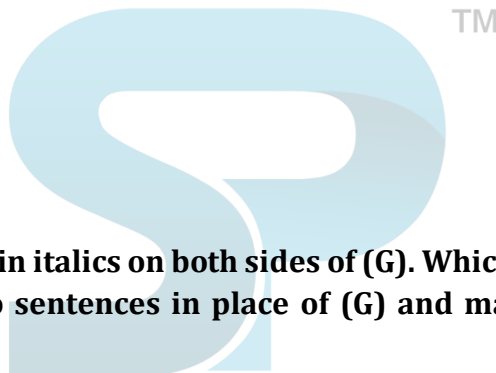
(i) After living in the woods for a week without supplies, my clothing was not protecting me from the elements.

(ii) The Defence Department generally defended its existing programs, though the rationale for them was growing

- A. flawless
- B. threadbare
- C. pristine
- D. unsullied
- E. Both (B) and (C)

Q27. A word is given in bold in (F). Choose the word which should replace the word given in bold to make the sentence correct and meaningful. If no change is required, choose option (E) as your answer.

- A. renounce
- B. abjure
- C. surrendering
- D. vacating
- E. No Change



Q28. Two sentences are given in italics on both sides of (G). Which of the following statements can come in between the two sentences in place of (G) and maintain the continuity of the paragraph?

- A. The dynamic nature of our preferred model allows to estimate the long-term effect of a 1 per cent increase in social spending, which is found to be in the order of a 0.057 points increase in the IHDI.
- B. Continuing investments in the social sectors have been recognized by the international community.
- C. Local authorities are responsible for using their funds to best meet the needs of their residents, and over the next two years we are providing them with £90.7bn to do so.
- D. Together they spent £46m on local welfare last year, compared with a national budget of £172m in 2013-14.
- E. One million people have been lifted out of absolute poverty since 2010 and household incomes have never been higher.

Q29. The sentence given in (H) has four words given in bold. Amongst the given bold words which of the following must replace each other to make the sentence contextually correct and meaningful.

- A. 1-4



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- B. 1-3
- C. 2-3
- D. 2-4
- E. 1-2

Q30. In the passage given, a sentence (I) is given in italics. There may or may not be an error in one part of the sentence. Choose the part which has an error in it as your answer. If there is no error then choose option (E) as your answer.

- A. Local welfare has been controversially
- B. as most councils refuse to give cash payments to clients
- C. in crisis, choosing instead to offer supermarket
- D. food vouchers or refer them to food banks.
- E. No Error

Q31. Which of the following words should fill the blank given in (J) to make it contextually correct and meaningful?

- A. caused
- B. occasion
- C. desires
- D. purpose
- E. reasons

Directions (32-35): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

(A) With the change from traditional to industrial food processing there has also been a change in the types of product processed.

(B) In the early days of traditional food processing the main aim was preservation to maintain a supply of wholesome, nutritious food during the year and in particular to preserve it for hungry periods, for example when hunting was poor.

(C) Nowadays non-traditional crops are grown all over the world. This together with consumer demand influenced by radio, advertising and television has led to a demand for non-traditional foods that are not appropriate to the local environment.

(D) While food processing still has the main objective of providing a safe nutritious diet in order to maintain health other aspects, particularly the generation of wealth for the producer and seller, have become increasingly important.

(E) Traditional processors worked with foods that grew locally and the methods they developed were in harmony with the climate in which they lived.



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(F) Only simple packaging using leaves, animal skins and pottery was possible and necessary to protect the food for its planned storage life.

Q32. Considering statement (D) “While food processing still has the main objective of providing a safe nutritious diet in order to maintain health other aspects, particularly the generation of wealth for the producer and seller, have become increasingly important.” as the second sentence of the rearranged paragraph, then which of the following aptly expresses the theme of the paragraph after rearrangement?

- A. Benefits of non-traditional food processing
- B. Reforms in food processing
- C. Harmful effects of processed foods
- D. Objective of processing foods
- E. None of these

Q33. Considering statement (D) “While food processing still has the main objective of providing a safe nutritious diet in order to maintain health other aspects, particularly the generation of wealth for the producer and seller, have become increasingly important.” as the second sentence of the rearranged paragraph, then which among the following should be the FOURTH sentence of the rearranged paragraph?

- A. A
- B. B
- C. E
- D. F
- E. C

Q34. Considering statement (D) “While food processing still has the main objective of providing a safe nutritious diet in order to maintain health other aspects, particularly the generation of wealth for the producer and seller, have become increasingly important.” as the second sentence of the rearranged paragraph, then which among the following should follow the last sentence after the rearrangement?

- A. They need special processing and packaging to protect them for their required storage life.
- B. The increasing number of women who now work away from home adds additional pressure for such changes.
- C. Food has been processed and packaged since the earliest days of man's history on earth.
- D. The small-scale food processing sector is a major source of employment.
- E. None of these

Q35. Considering statement (D) “While food processing still has the main objective of providing a safe nutritious diet in order to maintain health other aspects, particularly the generation of wealth for the producer and seller, have become increasingly important.” as the second sentence of the rearranged paragraph, then which among the following should



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coherently link the first and the second sentence of the paragraph, without altering the context of the paragraph?

- A. The small-scale food processing sector adds value to crops by processing.
- B. Food and crop processing is generally considered to be the largest industry in most countries.
- C. The powerful large-scale food sector is also often able to influence government and international policies.
- D. Food was seldom sold but traded and bartered.
- E. None of these

Directions (36-38): Study the given information and answer the questions:

When a number arrangement machine is given an input line of numbers, it arranges them following a particular rule. The following is an illustration of an input and its rearrangement.

Input-	65	18	41	53	72	34	89	26
Step1-	195	36	123	159	144	68	267	52
	↙	↘	↙	↘	↙	↘	↙	↘
Step2-	159	159	36	303	76	335	215	
Step3-	45	45	18	0	42	45	10	
Step4-	22.5	22.5	9	0	21	22.5	5	

Step IV, is the last step of the above arrangement as the intended arrangement is obtained.

As per the rules followed in the given steps find out the appropriate steps for the given input:

Input: 25 22 93 56 17 74 39

36. What is the sum of the numbers at both the ends in step III of the given arrangement?

- A. 36
- B. 63
- C. 60
- D. 123
- E. None of the above

37. Which element is 2nd to the right of the one which is 4th to the left element in step I?

- A. 112
- B. 44
- C. 148
- D. 75
- E. None of these



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38. What is the products of the numbers which is 3rd from the right end and 3rd from the left end in final step of the given arrangement?

- A. 189
- B. 72
- C. 13.5
- D. 180
- E. No such step

Directions (39-44): Study the information carefully and answer the questions given below.

Six people Tarun, charu, Visakha, Monika, Anko and Viraj are born in different years with the current base is taken as 2018. None of them is older than 90 years old. They like different fruits apple, Orange, Grapes, Cherry, Mango, Banana.

Note- The last two digits or reverse of the last two digits of the year in which a person is born can be the age of some other person. (Like A is born in 1943 and age of B is denoted by the last two digits of the birth year of A. Then B's age will be either 34 or 43).

Tarun was born in the year 1983. The difference of age between Tarun and Charu is 21 years. Visakha age is sum of the digits of the year in which Charu was born. The one who likes mango is 5 years elder to Visakha. Anko age is either the last two digits or reverse of the last two digits of the year in which the person who likes mango was born. Only one person is elder to Anko and Visakha likes apple. The one likes cherry is just younger to Anko. The difference between Viraj's and the one who likes cherry is 24 years. The one who likes banana was born in an even year. The one who likes orange is younger to the one who likes grapes both in odd number of years. Monika is younger than Viraj.

39. Who among the following likes Banana?

- A. Anko
- B. Tarun
- C. Charu
- D. Visakha
- E. none of these

40. Who among the following is the eldest?

- A. Anko
- B. Tarun
- C. Charu
- D. Vishakha
- E. none of these

41. Which of the following combination is true?

- A. Anko- 1959-mango



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- B. Viraj- 1983- apple
- C. Charu-1962-cherry
- D. Monika-1995- grapes
- E. none of these

42. Which of the following statement is correct?

- A. Anko is three years older than the one who likes cherry
- B. Viraj is the eldest
- C. Anko born in 1959
- D. Monika is born before Visakha
- E. All are correct

43. In which of the following year Monika was born?

- A. 1995
- B. 2000
- C. 2012
- D. 2007
- E. None of these

Directions (44-45): Study the information carefully and answer the questions given below

Six persons sits around a triangular table such that three of them sit at the corners and the rest on the middle of the side. The one who sits at the corner face away from the center and the one who sit at the middle of the side face towards the center. They also like different animals i.e. fish, dog, rabbit, pigeon, duck and cat. The one who likes fish sits at the corner. The one who likes cat sits immediate right to the one who likes duck. C sits 2nd right to B, who likes rabbit. D faces the center and sits 3rd right to the one who likes pigeon. E sits immediate right to D. F sits at one of the corner but does not like pigeon and cat. A is one of the person. E does not like Duck and Fish.

44. Who among the following likes ducks?

- A. E
- B. F
- C. C
- D. B
- E. none of these

45. Who among the following sits 2nd to the right of the one who is 3rd left of A?

- A. E
- B. F
- C. C
- D. B
- E. none of these



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Directions (46): Study the following information carefully and answer the question given below:

A certain number of persons sit in a row adjacent to each other. Some of them like different fruits and others like different flowers. Six persons sit between the one who like mango and the one who like apple. The one who likes rose sit third to the left of the one who likes apple. Two persons sit between the one who likes rose and the one who likes marigold, who is not a neighbor of the one who likes mango. Only one person sit to the right of the one who likes marigold. No one sit to the right of the one who likes mango.

Note: The one who likes fruits faces South and the one who likes flowers face North.

Q46. How many persons sit in the row?

- A. Fifteen
- B. Seventeen
- C. Thirteen
- D. Eighteen
- E. Eleven

Direction (47): Study the following information carefully and answer the question given below:

Five persons A, G, K, L and S purchase some items one after other. Two persons bought between A and the one who bought Chair. G purchase immediately before K but none of them bought Chair. Three persons bought between the one who purchase chair and the one who purchase table. Only two persons bought between the one who purchase wallet and the one who purchase table. Bag is purchased immediately before perfume. Only two persons bought between L and the one who purchase perfume. K does not buy wallet.

Q47. Who among the following purchase table?

- A. L
- B. K
- C. G
- D. S
- E. A

Directions (48-50): Study the following information carefully and answer the questions given below:

\$ F 3 6 N @ 9 K T Q 5 C % 8 B # 7 D S * H 4 W L

STEP I- The numbers which are immediately preceded by symbol and immediately followed by an alphabet are arranged in the end of the series in increasing order. (Arranged immediate after L)



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STEP II- The odd numbers which are immediately preceded by an alphabet interchange their position with respect to the alphabet just before it.

STEP III- The alphabets which are immediately followed by a symbol are arranged in alphabetical order between H and 4 of step II.

Note: (STEP II is applied after STEP I and STEP III is applied after STEP II)

Q48. What is the sum of number which is sixth from right end in step I and eight from left end in step III?

- A. 8
- B. 7
- C. 9
- D. 11
- E. 13

Q49. How many alphabets are immediately preceded and immediately followed by numbers in step II?

- A. one
- B. two
- C. three
- D. four
- E. five

Q50. How many symbols are immediately preceded by alphabets in Step III ?

- A. one
- B. two
- C. three
- D. four
- E. five



Directions (51-55): Study the information carefully and answer the questions given below.

There are three floors in a given building such that floor 2 is above floor 1 and floor 3 is above floor 2. In the building there are two flats in each floor such Flat A is in the west of Flat B. In the building each Flat has an area of 576 ft and each flat has some certain number of room and no two flat has same number of rooms. The area of each rooms of one of the flat on the even number floor is 64ft. Total rooms on floor number third is seven. The flat which has rooms of area of 72 ft is on odd number floor. Number of rooms in the flat which is exactly below 9 rooms flat is 288 ft. There is only one floor between the flat who's each room area is 192 ft and the flat whose rooms area is 72 ft. There is no flat on the west of the flat having 6 rooms.

Q51. What is the area of a room in Flat A on floor 2?



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- A. 94
- B. 92
- C. 96
- D. either (A) or (C)
- E. None of these

Q52. What is the total number of rooms on floor 2nd?

- A. 12
- B. 14
- C. 13
- D. 15
- E. None of these

Q53. Which of the following statement is true?

- A. Total number of rooms on floor 2 is 14
- B. Area of each room is 94 ft of flat A on floor 1
- C. Total rooms in Flat A of all three floors is 17.
- D. All are correct
- E. None is correct

Q54. What is the area of room of flat B on floor 3rd?

- A. 144 ft
- B. 140.5
- C. 138.5
- D. 142
- E. None of these

Q55. How many rooms are there of the west of the flat whose each room area is 288 ft?

- A. 6
- B. 4
- C. 3
- D. 8
- E. None of these

Q56. The command to access the memory or the input/output device is carried by the ____

- A. Control bus
- B. Address bus
- C. Data bus
- D. System bus
- E. None of these

Q57. The address of input/output device or memory is carried by the ____ and the data to be transferred is carried by the ____



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- A. Address bus, System bus
- B. Address bus, Data bus
- C. Data bus, Address bus
- D. Control bus, Data bus
- E. None of these

Q58. _____ is used to move the cursor over to the right to a pre-set point

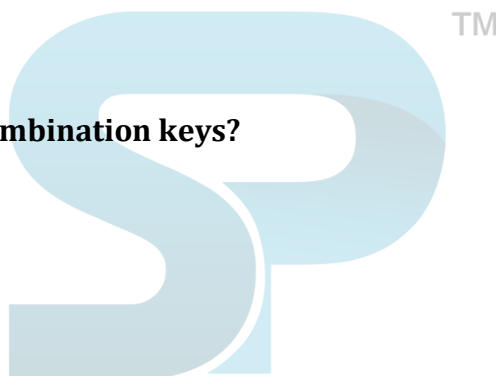
- A. Shift key
- B. Spacebar key
- C. Tab key
- D. Window key
- E. None of these

Q59. Which one performs a special operation with the combination of other Keys?

- A. Enter key
- B. Shift key
- C. Control key
- D. Alt key
- E. None of these

Q60. Which one is called as Combination keys?

- A. Control key
- B. Enter key
- C. Shift key
- D. Toggle key
- E. None of these



Q61. Enter key is an alternative to press ____button

- A. On
- B. Off
- C. Ok
- D. Move
- E. None of these

Q62. The speed of processor is measured in ____?

- A. Hertz
- B. Megahertz
- C. Gigahertz
- D. Terahertz
- E. None of these

Q63. ____was the first computer developed in India?



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- A. PRAM
- B. CRAY-1
- C. Siddhartha
- D. PRAM YUVA II
- E. None of these

Q64. Which one is considered as the heart of a network of computers or terminals that allows a large number of people to work at the same time?

- A. Super computer
- B. Mini Computer
- C. Mainframe Computer
- D. Palmtops
- E. None of these

Q65. The Speed of Supercomputers are measured in ____

- A. Pico Seconds
- B. FLOPS
- C. Terahertz
- D. Nano Seconds
- E. None of these

Q66. Which one is a grid of cells made up of horizontal rows and vertical columns?

- A. Spreadsheet
- B. Worksheet
- C. Range
- D. Format
- E. None of these

Q67. _____ is open source operating system and is also clone of ____ Operating system

- A. UNIX, Linux
- B. Linux, UNIX
- C. Solaris, Linux
- D. MS-Dos, UNIX
- E. None of these

Q68. Which of the following shortcut key is used for print preview?

- A. Ctrl + K
- B. Ctrl + F
- C. Ctrl + F12
- D. Ctrl + F2
- E. None of these

Q69. Which one of the following shortcut key is used to enter the current time?



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- A. Ctrl + Shift + ;
- B. Ctrl + ;
- C. Alt + Shift + D
- D. Alt + Shift + T
- E. None of these

Q70. Which one of the following shortcut key is used to insert the current date?

- A. Ctrl + Shift + ;
- B. Ctrl + ;
- C. Alt + Shift + D
- D. Alt + Shift + T
- E. None of these

Q71. When a search engine returns the links to web pages corresponding to the keywords entered is called as _____

- A. Cache
- B. Hit
- C. Crash
- D. Junk
- E. None of these

Q72. An Email address typically consists of a user id followed by the ____ sign and the domain name that manages the user's electronic post office box

- A. #
- B. &
- C. \$
- D. @
- E. None of these

Q73. Group of worksheets is known by ____

- A. Folder
- B. Files
- C. Workbook
- D. Document
- E. None of these

Q74. Which one is used to define a sequence of actions to perform on a document or multiple documents that can be executed again and again?

- A. Repeater
- B. Macros
- C. Formula
- D. Loop



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E. None of these

Q75. _____ is used to specify the intersecting of row and column of the letter and number on worksheet?

- A. Mixed address
- B. Absolute address
- C. Cell address
- D. Relative address
- E. None of these

Q76. There is a rectangular path just inside a rectangular park. Width of the path is 2 cm. If length of park is decreased by 4 cm then, it becomes a square. Area of the rectangle is $1\frac{1}{3}$ times the area of the path. From the above given information which of the following can be found out.

(i) Area of path

(ii) Length of the park

(iii) Sum of perimeter of the rectangular park and perimeter of the path (both external and internal perimeter)

- A. only (ii)
- B. only (ii) and (iii)
- C. only (i) and (iii)
- D. all of the above
- E. only (iii)

Q77. A man invest 50% of the amount invested by B. B withdraw whole amount from the business after 4 months. C joins the business with the investment of X Rs in a month after B had withdrawn from the business. At the end of the year A and C share same amount of profit.

→ if investment of B is Rs 2400 then which of the following may be the investment of the C.

(i). 1800 (2 MARKS)

(ii). 3600

(iii). 2400

(iv). 7200

(v). 5400

- A. (i) and (iii)
- B. only (iii)



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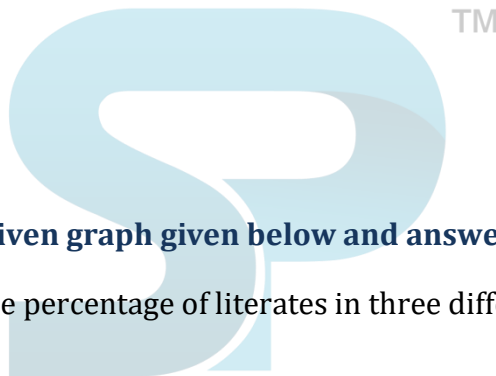
- C. (i), (ii) and (iii)
- D. (i), (ii), (iii) and (iv)
- E. (i), (ii) and (iv)

Q78. A certain number of men can complete a work in six hours less than the time taken by some women. Work completed by one man in one hour is same as the work completed by one woman in one hour.

→ Which one of the following ratio of number of men to number of women can satisfy the above given condition

- (i). 5:6
- (ii). 10:3
- (iii). 8:5
- (iv). 10:7

- A. only (ii)
- B. only (ii) and (iii)
- C. only (i) and (iii)
- D. all of the above
- E. only (ii), (iii) and (iv)

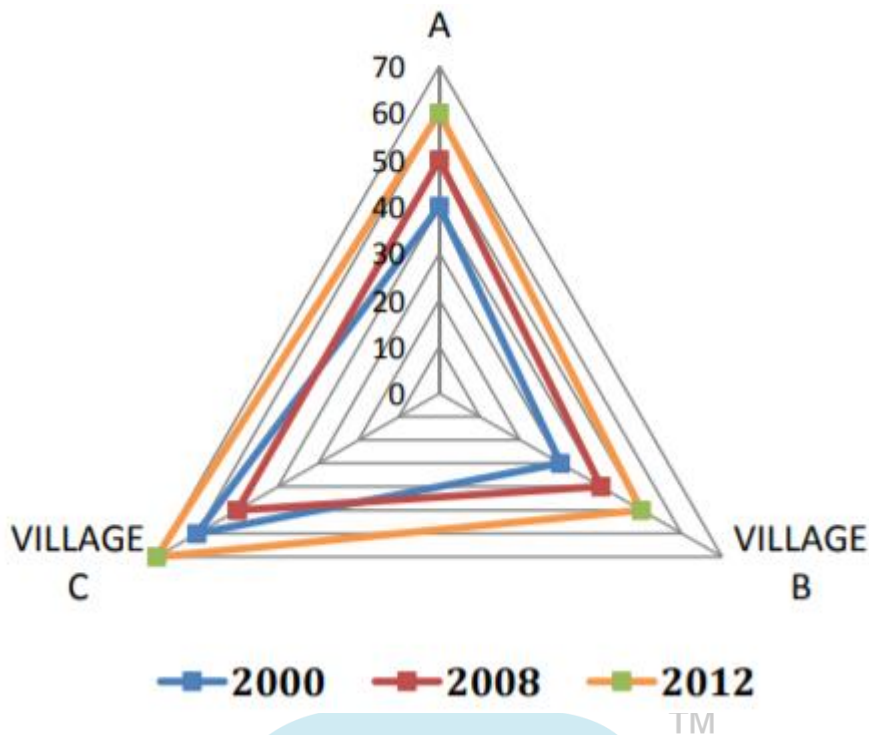


Direction (79-81): Study the given graph given below and answer the following questions

The graph given below shows the percentage of literates in three different villages in three years



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Q79. If population of A in 2000, 2008 and 2012 is in ratio 2 : 3 : 4 and average of literate in 2008, 2012 and 2000 be 1410 then find population of village A in 2000.

- A. 1700
- B. 2000
- C. 2100
- D. 1800
- E. 2200

Q80. Population of village C continuously decreases from 2000 to 2012 and it decreases by the same number in 2012 from 2008 as it decreased in 2008 from 2000. If literate in C in 2008 and 2012 are same then population of C in 2012 is what percent less than population of C in 2000.

- A. $44\frac{2}{7}\%$
- B. $44\frac{3}{7}\%$
- C. $41\frac{2}{7}\%$
- D. $44\frac{4}{9}\%$
- E. $45\frac{4}{9}\%$



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Q81. Sum of literate from village B in 2000 and 2008 is 1530 and sum of literates in 2008 and 2012 is 2010. If sum of literates from villages B in all the given years is 2490 then find population of village B in 2008.

- A. 2625
- B. 2200
- C. 2000
- D. 2150
- E. 2050

Q82. Two numbers A and B are given

What is $A + B$?

- (i) LCM of A and B is 44 times their HCF
- (ii) The sum of LCM of A & B and their HCF is 540.
- (iii) $\frac{A}{10} + \frac{B}{10}$ is an integer.
- (iv) $A + B > 150$

Which of the given statements are redundant to find the answer of the question.

- A. statement (ii)
- B. statement (iii)
- C. statement (iv)
- D. statement (i)
- E. Answer cannot be determined even after using all the statements.

Q83. A vessel has 200 litre of milk and 40 litre of water. If _____ litres of mixture is taken from the vessel and _____ litres of water is added to the remaining mixture, then the final amount of milk in the vessel becomes 125 litre more than the amount of water in it. Which of the following integral values given in the options are possible in the blanks in same order?

- (A) (36, 11)
- (B) (30, 15)
- (C) (42, 12)
- (D) (24, 19)
- (E) (18, 24)

- A. only A
- B. only A, B and E



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- C. only A and B
- D. only A, B and D
- E. All four are possible

Q84. A bag has 15 red, green and blue balls. Number of each balls is different in the bag. Difference between red ball and green ball is same as difference between green ball and blue ball. Probability of selecting one blue ball from the bag is greater than 0.2, then number of blue balls in the bag can be

- (A) 3
- (B) 4
- (C) 5
- (D) 7
- (E) 9

- A. Only B, C, D and E
- B. Only B, D, E
- C. All A, B, C, D and E
- D. Only C, D, E
- E. Only A, B, D, E

Q85. Marked price of an article is 60% more than the CP of the article. When it is sold at $x\%$ discount then _____% percent profit is obtained and when it is sold at a discount of $2x\%$, _____% profit is obtained. Which of the following options are possible for the blanks in same order

- A. 60, 30
- B. 20, 8
- C. 48, 24
- D. 36, 12
- E. 44, 28

- A. A and E
- B. B, D and E
- C. C, D and E
- D. All are possible
- E. A, D and E

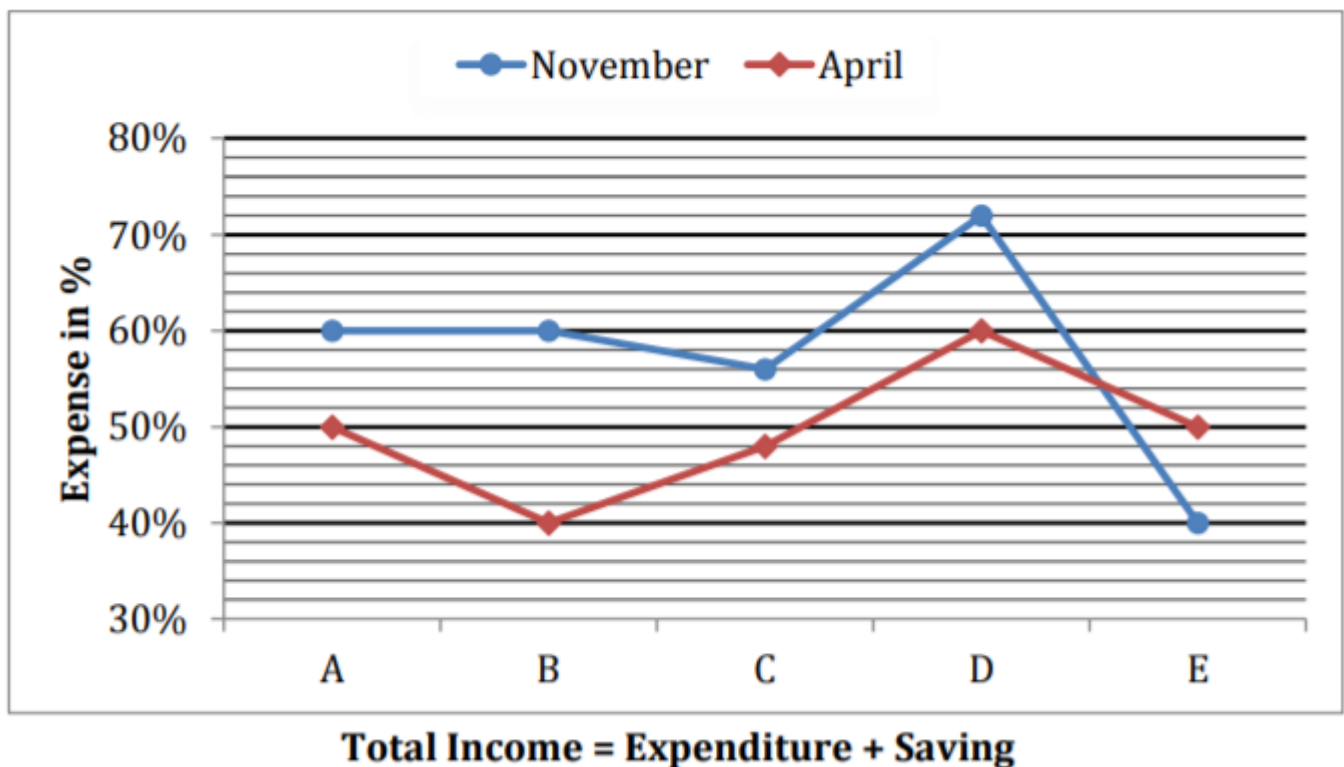


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Q86. A set of five two-digit integers numbers is given. Average of first and last number is middle number. Second number is half of first number. Sum of first three numbers is 127. Middle number is (A) and average of five numbers is (B). Fourth number is 62. What can be the values of (A) and (B) respectively?

- A. 64, 50
- B. 62, 55
- C. 62, 50
- D. 64, 55
- E. 60, 55

Directions (87-89): Line chart given below shows expense of five persons (in %) out of total income of two months. Income of persons is same in both months.



Q87. Find the difference between income of D and E?

(I) Difference between expense of 'D' in November and saving of 'E' in April is Rs 3200.

(II) Difference between Saving of 'D' in April and Expense of 'E' in November is Rs 8000.

- A. Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.
- B. Statement (II) alone is sufficient to answer the question but statement (I) alone is not sufficient to answer the question.



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- C. Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
- D. Either statement (I) or statement (II) by itself is sufficient to answer the question.
- E. Statements (I) and (II) taken together are not sufficient to answer the question.

Q88. Average saving of 'C' in both months is Rs 19,200 while A's income is 20% more than C's income. Find expense of 'A' in the month of November.

- A. Rs 9600
- B. Rs 19200
- C. Rs 38400
- D. Rs 24000
- E. Rs 28800

Q89. 'B' invested some amount of his saving in PPF account in November. Find the amount invested by 'B' in PPF account?

(I) Amount invested by 'B' in PPF is 62.5% less than amount expend by 'B' in April while difference between amount expend by 'B' in November and April is Rs. 16,000.

(II) 'B' invested 37.5% of his saving in PPF account while difference between saving of 'B' in November and April is Rs 16,000.

- A. Statement (I) alone is sufficient to answer the question but statement (II) alone is not sufficient to answer the questions.
- B. Statement (II) alone is sufficient to answer the question but statement (I) alone is not sufficient to answer the question.
- C. Both the statements taken together are necessary to answer the questions, but neither of the statements alone is sufficient to answer the question.
- D. Either statement (I) or statement (II) by itself is sufficient to answer the question.
- E. Statements (I) and (II) taken together are not sufficient to answer the question.

Directions (90-92): Given below is the information about wind mills in four different villages A, B and C and D. Number of wind mills in villages A, B, C and D are 24, 20, 15 and 12 respectively. Number of electricity units produced in one week by one wind mill when they operate with maximum efficiency in village A, B, C and D is 2 lakh units/week, 80000 units/ week, 1 Lakh units/week and 1.5 Lakh units/week respectively. Number of houses in each village A, B, C and D are 540, 240, 150 and 350 respectively. Total units produced are consumed equally by each house in the village

→ Different number of winds mills are operate in four different weeks In first week number of wind mills are operative in village A, B, C and D are 75%, 50%, 40% and 75% respectively. In second week it is 50%, 75%, 60% and 50% respectively. In third week it is 75%, 100%, 80% and 50% respectively. In fourth week it is 100%, 50%, 60% and 75% respectively.



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→ Given below is the three ranges of efficiency of a wind mills (number of unit produced /Week by one mill)

Efficiency Type	Range
Efficiency 1	60% - 70%
Efficiency 2	45% - 55%
Efficiency 3	30% - 40%

Three wind mills also operate on different levels

→ **level 1:** Consider upper limit of range of efficiency

→ **level 2:** consider mid of range of efficiency

→ **level 3:** consider the lower range of efficiency

Eg: If a wind mill is operative at efficiency 2 then its level 2 efficiency will be = $\frac{45+55}{2} = 50\%$

Its level 1 efficiency will be 55%

Its level 3 efficiency will be 45%

Q90. What is the ratio of total production of village A in First week at level 1 of efficiency 2 to the total production of village B in second week at Level 2 of efficiency 1.

- A. 20 : 13
- B. 33 : 13
- C. 33 : 19
- D. 27 : 19
- E. 27 : 13

Q91. Total units produced in village C in second and fourth week at level 1 of efficiency range 1 is what percent of total units produced in village A in first and fourth week at level 2 of efficiency range 1

- A. $25\frac{7}{13}\%$
- B. $23\frac{21}{273}\%$
- C. $13\frac{12}{13}\%$
- D. $22\frac{5}{13}\%$
- E. $24\frac{5}{13}\%$



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Q92. What is the ratio of units consumed per house in village B in week 4 operating at level 3 of Efficiency range 3 to the units consumed per house in second week at level 1 of efficiency range 2 of the village C?

- A. 5 : 6
- B. 13 : 19
- C. 15 : 19
- D. 13 : 33
- E. 10 : 33

Directions (93-95): There are three quantities provided in the questions. You have to find out the values of the quantities and compare them according to the given codes as follows

@ → >

& → <

* → ≥

\$ → ≤

→ = (or relationship can't be established)

Example :

Quantity I: $3^2 + 5^3$

Quantity II: $5^2 \times 2^2$

Quantity III: 100

(a) @, \$

(b) *, #

(c) \$, #

(d) &, *

(e) @, #

Quantity I > Quantity II = Quantity III

So, answer is (e)

Q93. Quantity I: $360 m^7 n^9 \div 120 m^{-2} n^3 \times 24 m^{-4} n^4$; $m > 0, n < 0$ (2 MARKS)

Quantity II: $240 x^9 y^7 \div 60 x^4 y^3 \div 3 x^{-2} y^3$; $x < 0, y < 0$





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Quantity III: $48 a^8 b^{12} \times 5 a^3 b^{-4} \div 6 a^6 b$, $a > 0$, $b < 0$

- A. (@, &)
- B. (#, @)
- C. (\$, @)
- D. (&, @)
- E. (*, #)

Q94. 'p', 'q', 'r' and 'n' are positive integers

Quantity I: 'p' : $-\frac{(p+n)^2 - (p-n)^2}{8pn(p+n)^2} = 1$

Quantity II: 'q' : $-\frac{(q+n)^3 - (q-n)^3}{(n^2 + 3q^2)^2} = \frac{1}{8n}$

Quantity III: 'r' : $-\frac{\sqrt{r+n} + \sqrt{r-n}}{\sqrt{r+n} - \sqrt{r-n}} = 2$

- A. (@, &)
- B. (#, @)
- C. (\$, @)
- D. (&, @)
- E. (*, #)

Q65. Quantity I – Coaching teacher asked a question to three students A, B & C and probability of question not being answered by three students is 0.5, 0.4, 0.7 respectively. Find the probability that at most two students will solve the question.

Quantity II – A bag contains 5 green balls & 7 red balls, if three balls drawn at random from bag, then find probability of getting at least 1 green ball.

Quantity III – Arun speaks the truth 4 out of 5 times, and Bhavya speaks the truth 6 out of 7 times. What is the probability that they will contradict each other in stating the same fact?

- A. (@, &)
- B. (#, @)
- C. (@, @)
- D. (&, a)
- E. (*, #)

Q96. Vijay can cover 'D' distance with 'S' speed in 'T' time. He can cover same distance with 'S + 10' speed in '(T - 2)' time. He can cover same distance 'D' with 'S - 15' speed in '(T + 6)' time. What can be found from the given data.

(i) time to cover 200 km with speed 'S + 10'

(ii) distance covered in '(T + 6)' time with '(S + 10)' speed



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(iii) speed by which a tunnel can be crossed in $\frac{7}{2}$ hour

(iv) Ratio between time to cover distance 'D' with speed 'S' to time to cover distance (D - 5) with speed (S+ 10)

- A. only (ii)
- B. only (ii) and (iii)
- C. only (i) and (iii)
- D. all of the above
- E. only (i), (ii) and (iv)

Q97. Two trains A and B cross each other in 12 seconds when they move towards each other. Speed of train A and train B is 81 km/hr and 54 km/hr respectively. Length of train A is 150 metre more than length of train B.

→ Which of the following can be obtained from the above given information.

- (i) Time taken by train B to cross a man moving in same direction as of train B.
 - (ii) Time taken by train A to cross a platform of half of its length. TM
 - (iii) Length of train A.
 - (iv) Speed of another train C whose length is equal to average of length of train A and B.
- A. (i) and (iii)
 - B. (i), (ii) and (iii)
 - C. (ii) and (iii)
 - D. All (i), (ii), (iii) and (iv)
 - E. (i) and (iv)

Q98. When the digits of a two digit natural number are interchanged then original number is greater than three times the new number so obtained. How many such natural numbers are there which satisfy the above given condition?

Ignore the numbers which have '0' in its unit place.

- A. 5
- B. 6
- C. 7
- D. 8
- E. 9

Q69. Veer invested Rs.10000 at simple interest for 2 years at the rate of R% and gets an interest of Rs1400. He invested total amount (Principle + Interest) in a scheme, which offered compound interest at the rate of (R%+x%) for two years.



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→ What are the possible integral values of 'x%' so that obtained compound interest is less than Rs.2400

- (i) 1%
- (ii) 2%
- (iii) 3%
- (iv) 4%
- (v) 5%

- A. Only (i)
- B. Only (i), (ii)
- C. Only (i), (ii) and (iii)
- D. Only (i), (ii), (iii) and (iv)
- E. All of the above

Q100. Ratio between marked price of article A to article B is 4 : 5. Shopkeeper allowed d% discount on article 'A' and (d + 18) % discount on article 'B', so selling price of both articles become equal. If shopkeeper made a profit of 20% on article A and 25% on article B and profit made on article B is Rs. 384 more than that of article A, then find the cost price of article 'A' and article 'B' respectively?

- A. 9000 Rs. 8400 Rs
- B. 9600 Rs. 9216 Rs.
- C. 9800 Rs. 9012 Rs.
- D. 9600 Rs. 8488 Rs.
- E. 9200 Rs. 9216 Rs.

Direction (101-104): Study the data given below and answer the following questions

Data is provided for 3 months for a water tank whose capacity is 600000 L to provide continuous water supply to a building. Water tank is first completely filled and then it gets completely emptied to supply water in a building. It supply water continuously to the building and is refilled again and again to provide continuous supply. In the building there are 40 flats in which all flats may or may not be completely occupied in the given three months.

November → Each flat is filled with a tap from which rate of flow of water is 250 L/h and only 50% flats are occupied in November. Water tank provides continuous water supply to these taps in whole month.

December → In this month 30 flats are occupied and tank gets emptied after $4\frac{1}{6}$ days. Rate of flow from one tap in December is A % more or less than rate of flow from one tap in November.



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January → Rate of flow of water from the taps is same as of November and gets emptied after supplying water to building for 100 hr. Number of flats occupied in January is B %

Q101. In November tank has to be filled how many times?

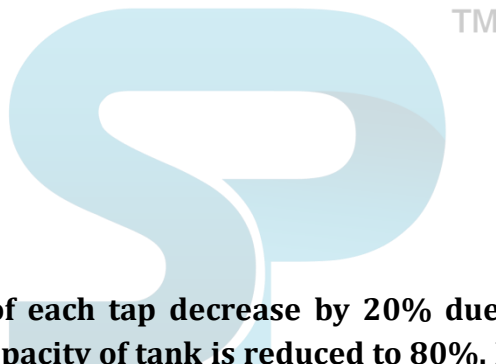
- A. 5
- B. 6
- C. 8
- D. 7
- E. 9

Q102. What is the value of A%

- A. 30%
- B. 25%
- C. $33\frac{1}{3}\%$
- D. 20%
- E. 15%

Q103. What is the value of B%

- A. 80%
- B. 40%
- C. 75%
- D. 60%
- E. 70%



Q104. In October efficiency of each tap decrease by 20% due to leakage as compared to efficiency of November and capacity of tank is reduced to 80%. In how many hours tank will be emptied in October if total occupied flats in October is equal to no. of occupied flats in December

- A. 65 hours
- B. 70 hours
- C. 30 hours
- D. 60 hours
- E. 80 hours

Directions (105-107): Given below is the sequence of series. Analyze the pattern of the series and answer the given following questions.

Q105. 1, 3, 9, 31, 129, 6512, _ , _ , _ ?

- A. 625
- B. 37
- C. 153
- D. 771



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E. 631

Q106. 4, 2, 2, 3, 6, 15, 45 If $(2835)^n$ is the term of the sequence where n is the n th term of sequence then find 'n'.

- A. 8th
- B. 9th
- C. 10th
- D. 11th
- E. 12th

Q107. A series is 113, 170, 232, 303, 399, 556, 838. Another series is 93, __, __, __, __, __, m. Which follows same pattern as given number series. Then $m = ?$ (1 MARKS)

- A. 808
- B. 443
- C. 626
- D. 818
- E. 909

Q108. A can do a task in 18 days, B can do the same task in 24 days and C can destroy the whole work in 36 days. If A & B work for first x days together after that C also joined them, remaining work is completed in $(x + 4\frac{4}{5})$ days. Find how many days all three worked together?

- (a) $6\frac{4}{5}$ days
- (b) $5\frac{4}{5}$ days
- (c) $4\frac{4}{5}$ days
- (d) $7\frac{4}{5}$ days
- (e) $8\frac{4}{5}$ days

Q109. A boat goes 28 km downstream and while returning covered only 75% of distance that covered in downstream. If boat takes 3 hr more to cover upstream than downstream then find the speed of boat in still water (km/hr) if speed of stream is $5/9$ m/sec?

- A. 8 km/hr
- B. 2 km/hr
- C. 5 km/hr
- D. 4 km/hr
- E. 3 km/hr



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Q110. A cylindrical vessel with radius and height of 17.5 cm and 18 cm respectively is filled upto 80% of its capacity with milk. If total milk from cylindrical vessel transferred into 30 cuboidal vessels whose length and breadth is 7 cm & 3 cm respectively. Find height of each cuboidal vessel?

- A. 18 cm
- B. 25 cm
- C. 23 cm
- D. 20 cm
- E. 22 cm

Q111. Which Bank has launched its Multi Option Payment Acceptance Device (MOPAD) for digital payments?

- A. Axis Bank
- B. State Bank of India
- C. Punjab National Bank
- D. ICICI Bank
- E. Bank of Baroda

Q112. The Reserve Bank of India has constituted a 10-member 'High Level Task Force on Public Credit Registry (PCR) for India', which will, among other things, suggest a roadmap for developing a transparent, comprehensive and near-real-time PCR for India. Who is the head of Public Credit Registry?

- A. Sekar Karnam
- B. Rashesh Shah
- C. Vishaka Mulye
- D. Sriram Kalyanaraman
- E. YM Deosthalee

Q113. Kharchi puja is a Hindu festival of which state?

- A. Tripura
- B. Manipur
- C. Assam
- D. Sikkim
- E. Meghalaya

Q114. India's first government run e-waste recycling plant has opened in which city?

- A. Mumbai
- B. Hyderabad
- C. New Delhi
- D. Bengaluru
- E. Kolkata



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Q115. Where is the headquarter of Karur Vysya Bank?

- A. Bengaluru, Karnataka
- B. Thrissur, Kerala
- C. Karur, Tamil Nadu
- D. Jaipur, Rajasthan
- E. Kochi, Kerala

Q116. "Sulabh Jal Scheme" has been launched in which state?

- A. Indore, Madhya Pradesh
- B. Jodhpur, Rajasthan
- C. Rajkot, Gujarat
- D. Guwahati, Assam
- E. Darbhanga, Bihar

Q117. Which of the following state has bagged the top position under the Pradhan Mantri Surakshit Matritav Abhiyan (PMSMA)?

- A. Andhra Pradesh
- B. Madhya Pradesh
- C. Uttar Pradesh
- D. Himachal Pradesh
- E. Arunachal Pradesh

Q118. Nelson Mandela Foundation is dedicating this year's (2018) Mandela Day to Action Against-?

- A. Pollution
- B. Corruption
- C. Poverty
- D. Global Warming
- E. Polio

Q119. What is the allocation on Digital India Project under Union budget 2018-19?

- A. Rs. 1014 crore
- B. Rs. 3073 crore
- C. Rs. 5054 crore
- D. Rs. 2315 crore
- E. Rs. 9432 crore

Q120. The 10th edition of the Defence Expo was held in-

- A. Chennai
- B. Kolkata
- C. New Delhi



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- D. Mumbai
- E. Bhopal

Q121. Which of the following state has launched 'One Person One Car' policy?

- A. West Bengal
- B. Kerala
- C. Madhya Pradesh
- D. Rajasthan
- E. Gujarat

Q122. Who has been named as 'British Indian of the Year'?

- A. Anoushka Shankar
- B. Ishwar Sharma
- C. Shahraan Dutt
- D. Arhaan Khan
- E. MC Rama Rao

Q123. The Government of India has notified the Electoral Bond Scheme 2018. It may be noted that Electoral Bond shall be valid for _____ days from the date of issue.

- A. 90
- B. 30
- C. 15
- D. 10
- E. 20

Q124. Which bank has been ranked as the best PSU bank in the overall digital transaction's category in India?

- A. Bank of India
- B. State Bank of India
- C. Union Bank of India
- D. Punjab National Bank
- E. Bank of Baroda

Q125. India's first engineless rail, Train 18, manufactured by the Integral Coach Factory (ICF) was rolled out in-

- A. Bhopal
- B. New Delhi
- C. Kapurthala
- D. Madhepura
- E. Chennai

Q126. The Union Cabinet has gave its approval to rename the Agartala Airport in Tripura as?



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- A. Om Prakash Gattan, Airport
- B. Anuradha Devi Thokchom Airport
- C. Denis P Rayen Airport
- D. Maharaja Bir Bikram Manikya Kishore Airport
- E. Pabitra Rabha Dinesh Airport

Q127. Which state has launched 'I am not afraid of English' initiative to promote English language right from Class 1 in the state's primary schools?

- A. Haryana
- B. Bihar
- C. Uttar Pradesh
- D. Rajasthan
- E. West Bengal

Q128. Microdot technology in India to be launched by the Government of India to check-?

- A. Children thefts
- B. Petrol thefts
- C. Vehicle thefts
- D. Books thefts
- E. Girls thefts

Q129. Under which ministry the Swachh Bharat Mission (Gramin) and the Swachh Bharat Mission (Urban) has launched?

- A. Ministry of Housing and Urban Affairs
- B. Ministry of Home Affairs
- C. Ministry of Human Resource Development
- D. Ministry of Environment, Forest and Climate Change
- E. Ministry of Drinking Water and Sanitation

Q130. The environment ministry re-introduces a scheme 'Medini Puraskar Yojna' which aims at promoting original writing of books in which language?

- A. Tamil
- B. Hindi
- C. Urdu
- D. Bengali
- E. English

Q131. Petroleum Minister Dharmendra Pradhan has launched which initiative to promote Compressed Bio-Gas as an alternative, green transport fuel?

- A. SATAT
- B. MOPAD
- C. WINGS



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- D. BHARAT
- E. NIPAN

Q132. Indian naval ship _____ has become the first-ever warship to enter port of Sabang in Indonesia.

- A. INS Arihant
- B. INS Sumitra
- C. INS Vikrant
- D. INS Trishul
- E. INS Garur

Q133. NABARD has joined hands with which bank to provide collateral-free credit through Joint Liability Groups in Telangana?

- A. BOB
- B. ICICI Bank
- C. SBI
- D. Axis Bank
- E. PNB

Q134. The Government of India has signed a loan deal worth USD 200 million with the World Bank for-

- A. APY
- B. PMKSY
- C. NIRVAAN
- D. POSHAN
- E. ATAL

Q135. Under project 'SASHAKT' an asset management company/ alternative investment fund (AIF)- led resolution approach to deal with NPA cases of more than-?

- A. Rs 100 crore
- B. Rs 200 crore
- C. Rs 300 crore
- D. Rs 400 crore
- E. Rs 500 crore

Q136. National Mission for Clean Ganga Organises "Ganga Vriksharopan Abhiyan" in Five Ganga Basin States Intervention in Ganga a Major Components of Namami Gange Programme. These 5 states are Uttarakhand, Uttar Pradesh, Bihar, West Bengal and-?

- A. Assam
- B. Jharkhand
- C. Himachal Pradesh
- D. Haryana



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E. Odisha

Q137. Prime Minister Narendra Modi has launched "Rashtriya Gram Swaraj Abhiyan" at Ramnagar, tribal-dominated district of Madhya Pradesh. The scheme aims to strengthen the country's-

- A. NPA Loss System
- B. Corruption Based System
- C. Politics System
- D. Labour System
- E. Panchayati Raj System

Q138. The government was announced a scheme for informants of benami transactions under which an individual can get a reward of up to _____ for providing information to the tax authorities.

- A. Rs. 1 crore
- B. Rs. 7 crore
- C. Rs. 4 crore
- D. Rs. 10 crore
- E. Rs. 5 crore

Q139. NITI Aayog presented India's Voluntary National Review Report on the implementation of the-

- A. UN Member Countries
- B. International Review of Progress
- C. Sustainable development Goals
- D. All of the above
- E. None of the given options is true

Q140. Which Bank has entered into an agreement with CDSL Commodity Repository Limited (CCRL) and it is first Public Sector Bank to become the Repository Participant for Pledge Finance under the Repository Ecosystem for registered/accredited warehouses by WDRA?

- A. Bank of India
- B. State Bank of India
- C. Union Bank of India
- D. Bank of Baroda
- E. Punjab National Bank

Q141. An emerging market economy is highly classified with relatively- one in which the country is becoming a developed nation and is determined through many socio-

- A. Growth factors
- B. GDP factors



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- C. commercial factors
- D. external factors
- E. economic factors

Q142. Which High Court has declared the “entire animal kingdom including avian and aquatic” as legal entities with a distinct persona and corresponding rights, duties and liabilities of a living person?

- A. Kolkata High Court
- B. Patiala House Courts Complex
- C. Patna High Court
- D. Uttarakhand High Court
- E. Allahabad High Court

Q143. The Reserve Bank of India has asked banks authorised to deal in foreign exchange (Authorised Dealer-I Banks) to share data with-?

- A. Ministry of Finance
- B. Securities and Exchange Board of India
- C. Directorate of Revenue Intelligence
- D. Intelligence Bureau
- E. Comptroller and Auditor General of India

Q144. Bharat Sanchar Nigam Ltd (BSNL) has launched BSNL _____ a VOIP based service.

- A. TERMS
- B. WINGS
- C. NIGAM
- D. WAVES
- E. NATER

Q145. Which Airport is the Busiest Airport 2017 by terms of traffic in the world?

- A. Hartsfield–Jackson Atlanta International Airport, USA
- B. Beijing Capital International Airport, China
- C. Indira Gandhi International Airport, New Delhi
- D. Dubai International Airport, UAE
- E. London Heathrow Airport, UK

Q146. Survey points out for the first time in India's history that five States Maharashtra, Gujarat, Karnataka, Tamil Nadu and Telangana account for a whopping _____ of India's exports.

- A. 50%
- B. 80%
- C. 70%
- D. 40%



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E. 60%

Q147. The government will take steps to boost exports of agriculture commodities which have the potential of reaching _____ billion.

- A. \$100 billion
- B. \$500 billion
- C. \$200 billion
- D. \$700 billion
- E. \$1500 billion

Q148. A dedicated portal of the ECI'S Systematic Voters Education, pursuit of its mission 'leave no voter behind,' with special focus on-

- A. Female
- B. New Voters
- C. Senior Citizens
- D. Persons with Disabilities
- E. None of the given options is true

Q149. RBI's New Rules To Push Another Rs _____ Loans Into Insolvency stated Credit Suisse.

- A. Rs 5.5 lakh crore
- B. Rs 4.5 lakh crore
- C. Rs 3.5 lakh crore
- D. Rs 2.5 lakh crore
- E. Rs 1.5 lakh crore

Q150. _____ is the value of all finished goods and services produced in a country in one year by its nationals.

- A. NPA
- B. GNP
- C. CDS
- D. GDP
- E. BOP

Q151. Which state government has launched the mobile application 'Corona Watch' to contain the coronavirus outbreak?

- A. Uttar Pradesh
- B. Maharashtra
- C. Bihar
- D. Karnataka
- E. Telangana



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Q152. Which IIT is developing portable ventilators which will be significantly cheaper than the ones available in the market?

- A. IIT Madras
- B. IIT Delhi
- C. IIT Bombay
- D. IIT Kanpur
- E. IIT Guwahati

153. The United Nation's COP26 climate change conference has been postponed till next year due to COVID-19. The conference is set to take place in _____

- A. Brisbane
- B. Paris
- C. Glasgow
- D. London
- E. Geneva

154. Which Grand Slam Tennis tournament has been cancelled for the first time since World War II due to coronavirus pandemic?

- A. Australian Open
- B. French Open
- C. Wimbledon 2020
- D. US Open
- E. None of these

155. Nobel laureate Phillip Anderson passed away recently, he received Nobel prize in which subject?

- A. Chemistry
- B. Medicine
- C. Physics
- D. Literature
- E. Economics



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Answers and ExplanationTM

1. **Answers:** B

Explanation: The first paragraph of the passage is about the ways to establish a consistent saving habit through various ways and the second paragraph further gives a smarter way to save through the use of certificates of deposit (CDs).

Hence, option (B) is the correct theme of the passage.

2. **Answers:** B

Explanation: 'Even' will be the correct word to replace 'yet'.

3. **Answers:** C

Explanation: The tone of writing in the passage is Didactic because the author tries to teach or instruct through his writing.

4. **Answers:** D

Explanation: Before the blank it is given that CDs usually offer higher interest rates, which is a positive phrase. Further, 'but' is used which means that next part of sentence will be something contradictory.

Hence, 'penalties' will be the correct word.

5. **Answers:** C



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Explanation: The correct chronology of steps is Budgeting-Saving-Investment.

6. **Answers:** B

Explanation: The paragraph deals with improving savings and limiting expenses. 'Curtail' means reduce in extent or quantity; impose a restriction on. So, 'curtail' should replace 'increase'.

7. **Answers:** C

Explanation: The correct way of writing the line without changing its intended meaning is 'Make sure that the income is greater than the expenses by a margin as wide as possible.'

8. **Answers:** A

Explanation: The paragraph tells about the better ways to save and what all should be considered while spending or maintaining your expenses.

So, the statement in option (A) can be the best inference from the passage.

9. **Answers:** D

Explanation: 'Moneywise' here means in regard of money and so it is the perfect fit for the blank.

10. **Answers:** D

Explanation: "Expenses or needs that have to be met at a point of time in the future are called goals." This will be the last line in continuation to the last line of the passage as the last line is an example to set aside money to buy a watch in the future.

11. **Answers:** B

Explanation: Let's read the clause 'Pakistan's Army and political leadership are on "one page" to take dialogue with India forward'. What is the need for mentioning the clause? Could political leadership of Pakistan independently take dialogue with India forward, why had the clause been mentioned? It means that the statement (III) is a wrong assumption. In Pakistan, to take dialogue with India forward, there must be consensus between the Pakistan's Army and the political leadership of Pakistan.

Only the statement (I) is the correct assumption to be drawn.

Hence, the option (B) is the correct answer.

12. **Answers:** A

Explanation: Option (A) is the correct answer.

Let's re-read the sentence where the given reference was made.



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'Mr. Khan also struck a discordant note Kashmir, referring to the dispute as the "single issue" between India and Pakistan.'

Had there been more than one unresolved issue between India and Pakistan, then Mr. Khan wouldn't have referred to the Kashmir dispute as the "single issue" between India and Pakistan.

It means that according to Mr. Khan, there is one and only one unresolved issue between India and Pakistan.

Hence, the option (A) is the correct answer.

13. **Answers:** D

Explanation: 'Discordant' [adjective] means 'disagreeing or incongruous';

Clashing [adjective] means 'in conflict with each other; incompatible';

Concurred means 'be of the same opinion; agree';

Accord means 'give or granting someone power';

Endorsement means 'the action of endorsing someone or something';

Among the given options, the option (D) is the correct answer.

14. **Answers:** B

Explanation: The answer to the question can be derived from the last paragraph where it is given that 'airlines were allowed to unbundle fares and charge separately for preferential seating, meal-on-board, check-in baggage and use of airline lounges'. Only option (B) mentions this.

There is no mention of any information given in the options (A) and (C) in the passage.

So, the option (B) is the correct answer.

15. **Answers:** E

Explanation: The statement (I) says that keeping web check-in free would help in keeping the number of passenger in an airport and would help security personnel in the security management. This is a very good motivation for the government to convince the airlines to take back the said fees. The statement (II) says that levying fee to web check-in would make air-travel costly, might discourage people to opt for air travel and would be in contradiction to the aspiration of the government to increase the overall number of air-travel passengers.

Because the government wants to increase the overall number of air-travel passengers and levying web check-in fees might decrease that number. So, the government would be encouraged to stop this. In the statement (III), the government wants that people use internet or digital means to avail



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important services in an increasing number. But levying web-check-in fees would discourage passengers to opt for it and would be against the objective of the Digital India Initiative. So, the government would be encouraged to stop this.

So, the information present in (I), (II) & (III), if true, would encourage the government to stop air lines to levy web check-in fees.

Hence, the option (E) is the correct answer.

16. **Answers:** E

Explanation: 'Withdraw' [verb] means 'discontinue or no longer provide (something previously supplied or offered)';

Abolish [verb] means 'do away with or put an end to';

Rescind [verb] means 'declare null and void';

From above, it could be understood that the word 'approve', option (E), has a meaning which is SIMILAR to the meaning of the word 'approve'.

Hence, the option (E) is the correct answer.

17. **Answers:** C

Explanation: The phrase 'dark chapter' usually mean something that shouldn't have happened, meaning the events caused regret, sadness of an extremely high extent.

Among the given options, only option (C) clearly indicate the correct meaning of the phrase.

Hence, the option (C) is the correct answer.

18. **Answers:** B

Explanation: The Delhi High Court expressed her opinion about the manner of prosecution of the anti-Sikh riots in the last paragraph.

The meaning of the word 'emulate' is 'Match or surpass (a person or achievement), typically by imitation'; imitation.

'Not emulate' would mean 'not to imitate'.

According to the Delhi High Court, the manner in which prosecution of the 1984 anti-Sikh riots has been going on must never be emulated'.

The option (B) is saying the same thing and hence, option (B) is the correct answer.

19. **Answers:** D



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Explanation: Absconded [abscond, verb] means 'leave hurriedly and secretly, typically to escape from custody or avoid arrest';

Emulated [emulate, verb] means 'match or surpass (a person or achievement), typically by imitation'; imitate;

From above, it could be understood that the word 'escaped' conveys a meaning which is SIMILAR to the word 'absconded'.

Hence, the option (D) is the correct answer.

20. **Answers:** E

Explanation: Justice Kurian Joseph said that the courts had been imposing the death penalty "arbitrarily and freakishly". If courts are imposing penalty "arbitrarily and freakishly", then it would mean that the courts have failed to uphold the principle of justice.

Among the three judges, Justice Kurian Joseph, Justice Deepak Gupta and Justice Hemant Gupta, Justice Kurian Joseph said that courts had been imposing the death penalty "arbitrarily and freakishly" but the other two judges, Justice Deepak Gupta and Justice Hemant Gupta, disagree that death penalty was "freakishly" imposed.

So, among the three judges mentioned in the passage, only Justice Kurian Joseph believes that courts have failed to uphold the principle of justice.

Hence, the option (E) is the correct answer.

21. **Answers:** D

Explanation: Disagreed [disagree, verb] means 'have or express a different opinion';

Haggled [haggle, verb] means 'dispute or bargain persistently, especially over the cost of something';

Bickered [bicker, verb] means 'argue about petty and trivial matters';

Contended [contend, verb] means 'compete with others in a struggle to achieve (something)'; 'assert something as a position in an argument';

Concurred [concur, verb] means 'be of the same opinion; agree';

Feuded [feud, verb] means 'a prolonged and bitter quarrel or dispute';

From above, it could be understood that the word 'concurred' has a meaning which is SIMILAR to the meaning of the word 'disagreed'.

Hence, the option (D) is the correct answer.



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22. **Answers:** C

Explanation: 'Verge' means an extreme limit beyond which something specified will happen. So, 'verge' is an appropriate choice here.

23. **Answers:** C

Explanation: Error is in the part given in option (c). 'shut' is to be used in place of 'shutted'. There is no such word as 'shutted' in English dictionary. Further, 'has been' takes third form of verb and third form of 'shut' is 'shut' itself.

24. **Answers:** A

Explanation: 'destitution' and 'demise' should replace each other. 'Demise' means the end or failure of an enterprise or institution.

'Destitution' means poverty so extreme that one lacks the means to provide for oneself.

25. **Answers:** E

Explanation: 'such as a lack of money caused by benefit payment problems' is the correct phrase here. the preceding statement talks about hardships and this phrase explains the type of hardship, thus maintaining the continuity of the sentence.

26. **Answers:** B

Explanation: 'Threadbare' means (of an argument, excuse, idea, etc.) used so often that it is no longer effective. Also, it means poor or shabby in appearance. So, threadbare fits in all the sentences correctly.

27. **Answers:** E

Explanation: No Change. 'Abdicate' means fail to fulfill or undertake (a responsibility or duty). Hence, it is correct in context of the sentence.

28. **Answers:** D

Explanation: The correct option is (D) 'Together they spent £46m on local welfare last year, compared with a national budget of £172m in 2013-14.' As the previous statement is about the councils spending on local welfare and the statement in (D) also discusses their collective spending. Hence, it is the correct choice.

29. **Answers:** A



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Explanation: 1 and 4 should replace each other. 'Going' and 'devolved' should replace each other to make the sentence correct. 'Devolve' means transfer or delegate (power) to a lower level, especially from central government to local or regional administration.

30. **Answers:** A

Explanation: Error is in the part given in option (A). An adjective is to be used here so 'controversial' should be used in place of 'controversially'

31. **Answers:** D

Explanation: 'Purpose' is the most appropriate word here.

32. **Answers:** B

Explanation: The logical sequence of the sentences after the rearrangement is BDAEFC. Drawing a hint from the second statement, it can be illustrated that the paragraph is providing information on processed foods. If we carefully understand and arrange the other sentences we will articulate that the paragraph is describing about the changes the world has seen from traditional to industrial food processing. However, the paragraph does not mention anything about its benefits, harmful effects or objectives. Hence, option (B) "Reforms in food processing" becomes the most suitable answer choice.

33. **Answers:** C

Explanation: Drawing a hint from the second sentence, it can be illustrated that the paragraph is providing information on processed foods. If we carefully understand and arrange the other sentences we will articulate that the paragraph is describing about the changes the world has seen from traditional to industrial food processing. Thus, sentence (B) perfectly stands as the starter of the rearranged paragraph as it is describing about the objective or aim of food processing in the earlier days. Therefore, it coherently links with the second sentence (D) which states the broaden objectives of food processing. Sentence (A) should take the third position as it is contextually related with the previous statement which indicates a change in the food processing industry. Similarly, sentence (E) and (F) forms a coherent pair as they have mentioned about food processed and practices followed by traditional processors. Next comes, the concluding sentence (C) as it sums up the comparison by providing information on the non-traditional crops grown all over the world and how the demand for these products has increased. Hence, the logical and comprehensive sequence of these sentences after the rearrangement is BDAEFC. Therefore, sentence (E) becomes the fourth sentence in the sequence, and option (c) becomes the most viable answer choice.

34. **Answers:** A

Explanation: The logical sequence of the sentences after the rearrangement is BDAEFC. The last sentence i.e. sentence (C) of the paragraph describes about the changes in the food processing industry. It has also mentioned about the production of the non-traditional crops around the worlds



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and their rising demand due to mass communication. Thus, it becomes difficult for such products to survive in the local environment. Complying with the given context, option (A) perfectly complements sentence (C) as option (A) has described about the protection of these products to enhance their storage life. All the other options are either irrelevant to the context or fail to adhere to the theme of the paragraph.

Hence, option (A) is the most suitable answer choice.

35. **Answers:** D

Explanation: The logical sequence of the sentences after the rearrangement is BDAEFC. In order to add a sentence after the first sentence without altering the context of the paragraph, both the sentences should be analyzed. Sentence (B) perfectly stands as the starter of the rearranged paragraph as it is describing about the objective or aim of food processing in the earlier days. Therefore, it coherently links with the second sentence (D) which states the broaden objectives of food processing which is about generation of wealth for the producers as well as sellers. This implies that earlier this wasn't one of the objectives of food processing. Thus, option (D) perfectly links sentences (B) and (A) as it mentions about the trading of processed foods through barter system in the earlier days. Thus, the new sequence would be B (D) DAEFC. All the other options are either irrelevant to the context or fail to adhere to the theme of the paragraph.

Hence, option (D) is the most suitable answer choice.

36. **Answers:** B

Explanation [36-38]: In this input output question only numbers is arranged in each step. Let us understand the logic behind it- In each step the numbers are arranged.

In step 1: all the even number (input) are multiplied with 2 and all the even numbers are multiplied with 3.

Step 2: Is given in the pattern as firstly the numbers are subtracted and then added respectively.

Step 3: The resultant of the multiplication of its digits in the previous step.

Step4: The numbers in the previous step is divided by 2.

Input-	25	22	93	56	17	74	39
Step1-	75	44	279	112	51	148	117
	↙	↘	↙	↘	↙	↘	↙
Step2-	31	323	167	163	97	265	
Step3-	3	18	42	18	63	60	
Step4-	1.5	9	21	9	31.5	30	



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37. **Answers:** C

38. **Answers:** A

39. **Answers:** E

Explanation [39-43]:

40. **Answers:** E

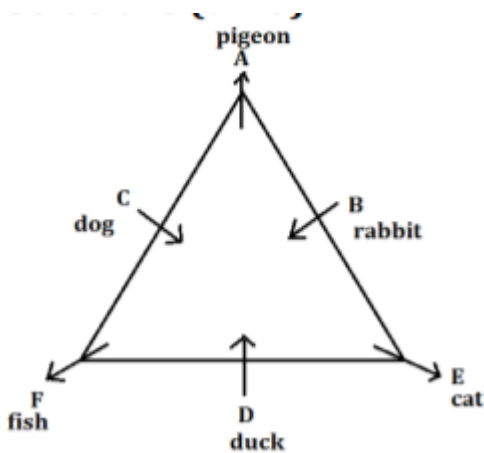
41. **Answers:** C

42. **Answers:** E

43. **Answers:** A

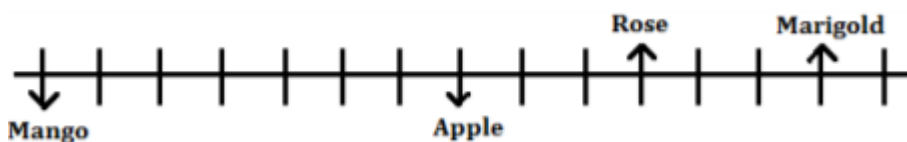
44. **Answers:** E

Explanation [44-45]:



45. **Answers:** D

Explanation:



46. **Answers:** D

Explanation:



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Person	Item
L	Chair
G	Wallet
K	Bag
A	Perfume
S	Table

47. **Answers:** C

Explanation [47-49]:

Input: \$ F 3 6 N @ 9 K T Q 5 C % 8 B # 7 D S * H 4 W L

Step I: \$ F 3 6 N @ K T Q 5 C % B # D S * H 4 W L 7 8 9

Step II: \$ 3 F 6 N @ K T 5 Q C % B # D S * H 4 W 7 L 8 9

Step III: \$ 3 F 6 @ K T 5 Q % # D * H B C N S 4 W 7 L 8 9

48. **Answers:** C

49. **Answers:** B

50. **Answers:**

Explanation [50-55]:

Floor	Flat A	Flat B
3	3 Rooms	4 Rooms
2	6 Rooms	9 Rooms
1	8 Rooms	2 Rooms

51. **Answers:** C

52. **Answers:** D

53. **Answers:** C

54. **Answers:** A

55. **Answers:** D



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56. **Answers:** A

Explanation:

The command to access the memory or the input/output device is carried by the Control bus.

57. **Answers:** D

Explanation:

The address of input/output device or memory is carried by the Address bus and the data to be transferred is carried by the Data bus.

58. **Answers:** C

Explanation:

Tab key is used to move the cursor over to the right to a pre-set point. In Word document, tab is used to indent a paragraph.

59. **Answers:** C

Explanation:

Control key (Ctrl) performs a special operation with the combination of other Keys.

60. **Answers:** C

Explanation:

Shift key is used in Combination with other keys .So this is also called as Combination keys.

61. **Answers:** C

Explanation:

Enter key is an alternative to press OK button.

62. **Answers:** B

Explanation:

The speed of processor is measured in Millions of cycles per second or Megahertz.

63. **Answers:** C

Explanation:

Siddhartha was the first computer developed in India.



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64. **Answers:** C

Explanation:

Mainframe Computer is considered as the heart of a network of computers or terminals that allows a large number of people to work at the same time. Mainframe Computer serves as a backbone for the entire business world.

65. **Answers:** B

Explanation:

The Speed of Supercomputers are measured in FLOPS

FLOPS -> Floating Point Operations Per Second.

66. **Answers:** B

Explanation:

Worksheet is a grid of cells made up of horizontal rows and vertical columns.

67. **Answers:** B

Explanation:

Linux is open source operating system and is also clone of UNIX Operating system. It is a virus free operating system.

68. **Answers:** D

Explanation:

Print preview -> Ctrl + F2

69. **Answers:** A

Explanation:

To enter the current time -> Ctrl + Shift + ;

70. **Answers:** C

Explanation:

To insert the current date -> Alt + Shift + D

71. **Answers:** B



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Explanation:

When a search engine returns the links to web pages corresponding to the keywords entered is called as Hit, otherwise called as miss.

72. **Answers:** D

Explanation:

An Email address typically consists of a user id followed by the @ sign and the domain name that manages the user's electronic post office box.

73. **Answers:** C

Explanation:

A workbook is a document that contains one or more worksheet.

74. **Answers:** B

Explanation:

Macros is used to define a sequence of actions to perform on a document or multiple documents that can be executed again and again.

75. **Answers:** C

Explanation:

Cell address is used to specify the intersecting of row and column of the letter and number on worksheet

76. **Answers:** D

Explanation:

Let width of the path = x cm

So, length of the park will be = (x + 4) cm

So,

$$\frac{4}{3} \times (\text{Area of path}) = \text{Area of the park}$$

$$\Rightarrow \frac{4}{3} [x(x + 4) - (x - 4)(x + 4 - 4)] = x(x + 4)$$

From this equation we can find out the value of x and hence all value can be find out.

77. **Answers:** D



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Explanation:

Let C invested for t days

$$\begin{array}{ccc} \text{A} & \text{B} & \text{C} \\ 1200 \times 12 & : & 2400 \times 4 : xt \end{array}$$

And,

$$1200 \times 12 = xt$$

Here, x will depend on t and value of t can be maximum 8 month and minimum 1 months

On putting t = 8

$$X = 1800$$

Putting t = 6

$$x = 2400$$

on putting t = 4

$$x = 3600$$

on putting t = 2

$$x = 7200$$

78. **Answers:** E

Explanation:

Let x men do the work in (a – 6) days

And y women do the work in a days

So,

$$x(a - 6) = y(a)$$

From (i)

$$\text{Let } x = 5p$$

$$\text{And } y = 6p$$

$$5p(a - 6) = 6p(a)$$





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$$5a - 30 = 6a$$

$a = -30$ not possible

From (ii),

$$10p(a - 6) = 3p(a)$$

$$10a - 60 = 3a$$

$$7a = 60$$

$$a = 60/7$$

it is possible

From (iii)

$$8p(a - 6) = 5p(a)$$

$$8a - 48 = 5a$$

$$3a = 48$$

$$a = 16$$
 possible

From (iv)

$$10p(a - 6) = 7p(a)$$

$$10a - 60 = 7a$$

$$a = 20$$
 possible

So, (ii), (iii) and (iv) are possible

79. **Answers:** D

Explanation:

Let total population of village A in 2000, 2008 and 2012 be $200x$, $300x$ and $400x$ respectively

So,

$$\frac{40}{100} \times 200x + \frac{50}{100} \times 300x + \frac{60}{100} \times 400x = 1410 \times 3$$

$$470x = 1410 \times 3$$





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$$x = 9$$

$$\text{Required population} = 9 \times 200 = 1800$$

80. **Answers:** D

Explanation:

Sol. Let population of village C in 2000, 2008 and 2012 be $(x + 2n)$, $(x + n)$ and x respectively

So,

$$\frac{50}{100}(x + n) = \frac{70}{100}(x)$$

$$5x + 5n = 7x$$

$$2x = 5n$$

$$n = \frac{2}{5}x$$

$$\text{Required percentage} = \frac{x+2n-x}{x+2n} \times 100$$

$$= \frac{2 \times \frac{2}{5}x}{\frac{9}{5}x} \times 100$$

$$= 44\frac{4}{9}\%$$

81. **Answers:** A

Explanation:

$$\text{Sum of literate from B in 2000 and 2008} = 1530$$

$$\text{Sum of literate from B in 2008 and 2012} = 2010$$

$$\text{And sum of literate from B in all years} = 2490$$

$$\text{So, literate in 2008} = (1530 + 2010) - 2490 = 1050$$

$$\text{Let population of B in 2008 be } x$$

So,

$$40\% \text{ of } x = 1050$$

$$x = 2625$$

82. **Answers:** E



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Explanation:

From (i) & (ii),

Let, HCF be x

then LCM is $44x$

$$44x + x = 540$$

$$x = 540/45 = 12$$

From (iii), $A + B = 10K$

Let, $A = 12a$ & $B = 12b$

Then $A + B = 12(a + b)$, where a & b are coprime.

Also, $a \times b = 44$

Possible values of a and b are $(4, 11)$ or $(1, 44)$ TM

$$\text{Sum of } A + B = 12(4 + 11) = 180$$

$$\text{Or } A + B = 12(1 + 44) = 540$$

So, question can't be answered even after including all the statements.

83. **Answers:** D

Explanation:

Let A litres is removed and B litre of water is added to the mixture

Initially, Ratio of milk and water is $5:1$.

ATQ,

$$200 - \frac{5}{6}A = 40 - \frac{A}{6} + B + 125$$

$$\Rightarrow 105 = 2A + 3B$$

Among the options only A , B and D satisfy this eqn.

84. **Answers:** B

Explanation:

Let number of red, green and blue ball be x , y and z respectively



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ATQ,

$$x - y = y - z$$

$$y = \frac{x+z}{2} \text{ or } 2y = x + z$$

$$\text{And } \frac{z}{x+y+z} > 0.2$$

$$\frac{z}{3y} > \frac{1}{5}$$

$$5z > 3y$$

If $y = 5$, then $z > 3$

If $y = 10$, then $z > 6$, but this isn't possible

Hence,

Red	Green	Blue
6	5	4
4	5	6
3	5	7
2	5	8
1	5	9



5, 5, 5 isn't possible as number of balls is different

Hence, from given options only (b), (d) and (e) can be the answers.

So, option, Only (b), (d) and (e) is our correct answer.

85. **Answers:** C

Explanation:

Let CP = 100 & MP = 160

From A

If profit = 60%

Hence no discount is possible here so, it is not satisfy equation

From B



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When profit is 20% then discount will be $40/160 \times 100 = 25\%$

When it doubles i.e. discount = 50%

Then, $SP = 160 - 50/100 \times 160 = 80$

So, it gave loss of 20% not possible

From C

When profit = 48%

Then discount = $12/160 \times 100 = 7.5\%$

When it doubles = 15%

Then $SP = 160 - 15/100 \times 160 = 124$

So, profit is 24%

So, option C is possible

From D

When profit = 36%

Discount = $24/160 \times 100 = 15\%$

When discount gets doubled = 30%

$SP = 160 - 30/100 \times 160 = 112$

So profit is 12%, hence possible

From E

When profit = 44% = 10%

When discount = 20%

$SP = 160 - 20/100 \times 160 = 128$

Profit is 28%

So, it is possible

Then C, D and E values are possible

86. **Answers:** D





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Explanation:

Let first and fifth numbers be '2x' and '2a' respectively.

$$\text{Then, third number (A)} = \frac{2x+2a}{2} = x + a$$

$$\text{Second number} = \frac{2x}{2} = x$$

$$\underline{2x} \quad \underline{x} \quad \underline{x+a} \quad \underline{62} \quad \underline{2a}$$

ATQ,

$$2x + x + x + a = 127$$

$$4x + a = 127$$

$$\text{From option (a)} \quad x + a = 64$$

$$\Rightarrow 3x = 63$$

$$\Rightarrow x = 21$$

$$\text{Average of five numbers} = \frac{42+21+64+62+2(64-21)}{5} = 55$$

According to this, option (d) 64, 55 is our correct answer.

87. **Answers:** B

Explanation:

Let income of 'D' and 'E' is x and y respectively.

We have to find the value of 'x - y'.

From (I)

$$0.72x - 0.5y = 3200$$

From (II)

$$0.4x - 0.4y = 8000$$

$$\Rightarrow x - y = 8000/0.4 = 20000$$

Hence, only (II) is sufficient to answer the question.

88. **Answers:** E



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Explanation:

Let Rs C's income is Rs x

Atq,

$$0.44x + 0.52x/2 = 19200$$

$$\Rightarrow x = 2 \times 19200 / 0.96 = 40,000$$

$$A's \text{ income} = 1.2 \times 40,000 = 48,000$$

$$A's \text{ expense in the month of November} = 60/100 \times 48000 = \text{Rs } 28800$$

89. **Answers:** D

Explanation:

Let, income of B is Rs x

From (I)

$$0.6x - 0.4x = 16000$$

$$\Rightarrow x = \frac{16000}{0.2} = 80,000$$

$$\text{Amount invested by 'B' is PPF} = 80,000 \times \frac{40}{100} \times \frac{37.5}{100} = \text{Rs } 12,000$$

From (II)

$$0.6x - 0.4x = 16000$$

$$\Rightarrow x = \frac{16000}{0.2} = 80,000$$

$$\text{Amount invested by 'B' in PPF} = \frac{37.5}{100} \times \frac{40}{100} \times 80,000 = \text{Rs } 12000$$

Hence, Either statement **(I)** or statement **(II)** by itself is sufficient to answer the question.

90. **Answers:** B

Explanation:

$$\text{Number of mills operative in week 1 of village A} = \frac{75}{100} \times 24 = 18$$

Level 1 (upper limit) of efficiency range 2 means 55%

Total units produced in village A in first week when operated at level 1 of efficiency range 2

$$= 18 \times \frac{55}{100} \times 2$$



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Similarly,

Number of mills operative in village B in week 2

$$= \frac{75}{100} \times 20 = 15$$

level 2 (mid limit) of efficiency Range 1 = $\frac{60+70}{2} \% = 65\%$

Total units produced in village B in week 2 when operated at level 2 of efficiency range 1

$$= 15 \times \frac{65}{100} \times .8$$

$$\text{Required ratio} = \frac{\frac{55}{100} \times 2 \times 18}{15 \times \frac{66}{100} \times 8}$$

$$= 33 : 13$$

91. **Answers:** B

Explanation:

Mills operating in village C in week second and fourth is $= 3/5 \times 15$ and $3/5 \times 15$ respectively.

Total units produced at level 1 of efficiency range 1

$$= (9 + 9) \times 100,000 \times \frac{70}{100}$$
$$= 18 \times 1000 \times 70 = 1260000$$

Mills operating in village A in first and fourth week is $24 \times \frac{3}{4}$ and 24 respectively

Total units produced at level 2 of efficiency range 1

$$= (18 + 24) \times 200000 \times \frac{65}{100}$$
$$= 42 \times 2000 \times 65 = 5,460,000 \text{ units}$$

$$\text{Required percentage} = \frac{126}{546} \times 100 = 23 \frac{21}{273} \%$$

92. **Answers:** E

Explanation:

$$\text{No. of mills operating in B in fourth week} = 20 \times \frac{50}{100} = 10$$



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Total units consumed at level 3 of efficiency range 3 per house = $\frac{10 \times 80000 \times 30}{240 \times 100} = 1000$ units/house

No. of mills operating in C in second week = $15 \times \frac{60}{100} = 9$

Total units consumed at level 1 of efficiency range 2 = $\frac{9 \times 1,00000}{150} \times \frac{55}{100} = 3300$ unit/house

Required ratio = 10 : 33

93. **Answers:** B

Explanation:

Quantity I: $\frac{360}{120} \times 24. m^{7+2-4} . n^{9-3+4} = 72. m^5 . n^{10}$

If $m > 0$, $n < 0$, then Quantity I > 0

Quantity II: $\frac{240}{60 \times 3} x^{9-4+2} y^{7-3-3} = \frac{4}{3} x^7 y$

If $x < 0$, $y < 0$, then quantity II > 0

Quantity III: $\frac{48 \times 5}{6} a^{8+3-6} . b^{(12-4-1)} = 40a^5 b^7$

If $a > 0$, $b < 0$, then Quantity III < 0 .

∴ Relation between Quantity I and Quantity II can't be established but Quantity II $>$ Quantity III

∴ (#, @) is our correct answer.

Quantity I $>$ Quantity II = Quantity III

94. **Answers:** D

Explanation:

Quantity I: $\frac{(p+n)^2 - (p-n)^2}{8pn(p+n)^2} = 1$

$\frac{p^2 + n^2 + 2pn - (p^2 + n^2 - 2pn)}{8pn(p+n)^2} = 1$

$\frac{4pn}{8pn(p+n)^2} = 1$

$\frac{1}{2} = (p+n)^2$

$p = \frac{1}{\sqrt{2}} - n$



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Quantity II: $\frac{(q+n)^3 - (q-n)^3}{(n^2 + 3q^2)^2} = \frac{1}{8n}$

$$\frac{q^3 + n^3 + 3q^2n + 3n^2q - (q^3 - n^3 - 3q^2n + 3n^2q)}{(n^2 + 3q^2)^2} = \frac{1}{8n}$$

$$\frac{2n^3 + 6q^2n}{(n^2 + 3q^2)^2} = \frac{1}{8n}$$

$$\frac{2n(n^2 + 3q^2)}{(n^2 + 3q^2)^2} = \frac{1}{8n}$$

$$16n^2 = n^2 + 3q^2$$

$$q = \sqrt{5}n$$

Quantity III: $\frac{\sqrt{r+n} + \sqrt{r-n}}{\sqrt{r+n} - \sqrt{r-n}} = 2$

$$\sqrt{r+n} + \sqrt{r-n} = 2(\sqrt{r+n} - \sqrt{r-n})$$

$$3\sqrt{r-n} = \sqrt{r+n}$$

$$9(r-n) = (r+n)$$

$$8r = 10n$$

$$r = \frac{10n}{8} = 1.25n$$

Quantity I < Quantity II > Quantity III

95. **Answers:** C

Explanation:

Quantity I –

Probability of at most two students will solve the question

= 1 – probability of all three students will solve the question

= 1 – (0.5) × (0.6) × (0.3)



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$$= 1 - 0.09$$

$$= 0.91$$

Quantity II –

$$\text{Total balls} = 5 + 7 = 12$$

Probability of getting at least 1 green ball = 1 – probability of no green

$$= 1 - 7/44 = 37/44 \approx 0.84$$

Quantity III –

$$P(\text{Arun speak truth}) = 4/5$$

$$P(\text{Bhavya speak truth}) = 6/7$$

Required probability

$$= 4/5 \times 1/7 + 1/5 \times 6/7$$

$$= 10/35 = 2/7 \approx 0.28$$

Quantity I > Quantity II > Quantity III

96. **Answers:** E

Explanation:

$$S = \frac{D}{T} \quad \dots(i)$$

$$(S + 10) = \frac{D}{T-2} \quad \dots(ii)$$

$$(S - 15) = \frac{D}{T+6} \quad \dots(iii)$$

On solving (i), (ii) & (iii)

$$D = 400 \text{ km}, S = 40 \text{ km/hr. } T = 10 \text{ hour}$$

Statement 1, 2 and 4 can be found out from the given data but statement 3 can't be solved as length of tunnel is not given.

97. **Answers:** E

Explanation:

Let length of train A be $(x + 100)$ m



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So, length of train B be x m

$$(2x + 150) = (54 + 81) \times \frac{5}{18} \times 12 \text{ m}$$

$$= 135 \times 5 \times \frac{2}{3} \text{ m} = 450 \text{ m}$$

$$x = 150 \text{ m}$$

Length of train A = 250 m

Length of train B = 150 m

(i) Cannot be obtained because speed of man is not given

(ii) Can be obtained

$$t = \frac{(250 + 175)}{81 \times \frac{5}{18}} = \frac{425}{81} \times \frac{81}{5}$$
$$\Rightarrow \frac{170}{9} \text{ sec}$$

(iii) it has already obtained

(iv) can't be obtained because no other condition regarding C has been given

Hence only (ii) and (iii) can be find out.

98. **Answers:** D

Explanation:

Let the original number by xy

According to given condition

$$(10x + y) > 3(10y + x)$$

$$7x - 29y > 0$$

On putting y=1

X has to be more than or equal to 5

So for y = 1,

Possible values for x are 5, 6, 7, 8, 9



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So, 5 numbers are possible when y is 1

(51), (61), (71), (81), (91) be

On putting y = 2

X has to be 9

So 92 is another number

Values greater than 2 are not possible for y.

If we take y = 3 than x has to be 13 which is not possible

So there are 6 possible numbers.

99. **Answers:** C

Explanation:

$$2R/100 \times 10000 = 1400$$

$$R = 7\%$$

Now for x = 1

R = 8% for CI



$$\text{Equivalent CI at rate of } 8\% \text{ for 2 yrs} = 8 + 8 + \frac{64}{100} = 16.64\%$$

$$\text{CI at } 8\% \text{ for 2 yr} = \frac{16.64}{100} \times 11400 = 16.64 \times 114 \text{ Rs}$$

$$\text{Approximately} = \frac{33}{2} \times 114 = 33 \times 57 = 1881$$

For 9%

$$\text{CI} = \frac{18.81}{100} \times 11400 = 18.80 \times 114$$

$$\text{Approx.} = 19 \times 114 = 2166$$

$$\text{For } 10\% = \frac{21}{100} \times 11400 = 21 \times 114 = 2394$$

So, 3 values of x are possible i.e, 1, 2 and 3.

100. **Answers:** B

Explanation:

Let marked price of article A and B be 400x and 500x respectively



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ATQ—

$$400x \times \frac{(100-d)}{100} = 500x \times \frac{(100-d-18)}{100}$$

$$400 - 4d = 410 - 5d$$

$$d = 10\%$$

$$\text{Cost price of article A} = \frac{400x \times \frac{90}{100}}{120} \times 100$$

$$= 300x \text{ Rs.}$$

$$\text{Cost price of article B} = \frac{500x \times \frac{(100-28)}{100}}{125} \times 100$$

$$= 288x \text{ Rs.}$$

ATQ—

$$\left(500x \times \frac{72}{100} - 288x\right) - \left(400x \times \frac{90}{100} - 300x\right) = 384$$

$$x = 32$$

$$\text{Cost price of article A} = 32 \times 300 = \text{Rs.9600}$$

$$\text{Cost price of article B} = 32 \times 288 = \text{Rs.9216}$$

101. **Answers:** B

Explanation:

Efficiency of tap = 250 L/h

In November there are total 30 days.

Total flats = 20

Let tank is refilled n times

So,

$$n \times 600000 = 250 \times 24 \times 30 \times 20$$

$$n = 6 \text{ hours}$$

102. **Answers:** B

Explanation:



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Total time in which tank gets emptied

$$= \frac{25}{6} \times 24 = 100 \text{ hours}$$

$$\text{So, Rate of flow} = \frac{600000}{30 \times 100} = 200 \text{ L/hour}$$

$$A\% = \frac{250-200}{250} \times 100 = 20\%$$

103. **Answers:** D

Explanation: Let n number of flats were occupied

$$x \times 250 \times 100 = 600000$$

$$x = 24 \text{ flats}$$

$$B\% = 24/40 \times 100 = 60\%$$

104. **Answers:** E

Explanation:

$$\text{Efficiency of a tap in October} = 4/5 \times 250 = 200 \text{ l/hour}$$

$$\text{New capacity of the tank} = \frac{4}{5} \times 600000 = 480000 \text{ l}$$

$$\text{Occupied flats in October} = 30$$

$$\text{Required time} = \frac{480000}{200 \times 30} = 80 \text{ hours}$$

105. **Answers:** D

Explanation:

Pattern of the series is,

$$\begin{array}{ccccccccc} 1 & & 3 & & 9 & & 31 & & 129 & & 651 \\ | & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \times 1+2 & & \times 2+3 & & \times 3+4 & & \times 4+5 & & \times 5+6 \end{array}$$

Similarly,

$$\begin{array}{ccccccccc} 2 & & 4 & & 11 & & 37 & & 153 & & 771 \\ | & & \uparrow & & \uparrow & & \uparrow & & \uparrow & & \uparrow \\ \times 1+2 & & \times 2+3 & & \times 3+4 & & \times 4+5 & & \times 5+6 \end{array}$$

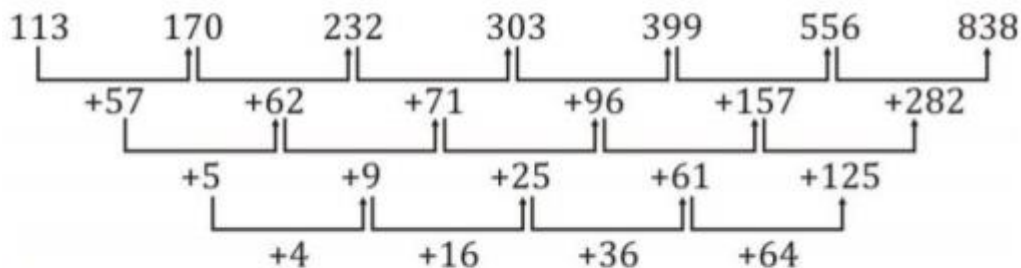
106. **Answers:** C



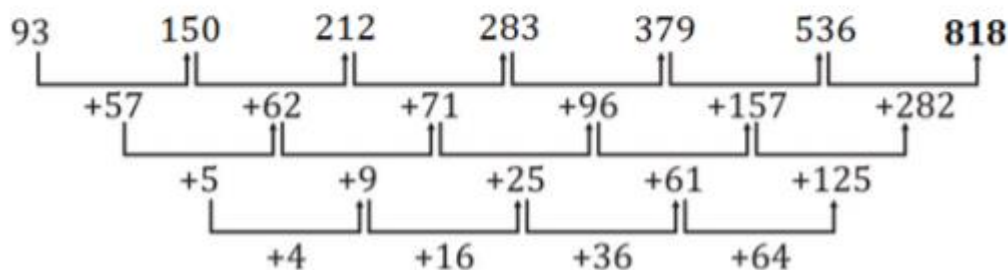
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107. **Answers:** D

Explanation:



Second series



108. **Answers:** E

Explanation:

	<u>Days</u>	<u>Total work</u>	<u>efficiency</u>
A —	18	72	4 unit/daily
B —	24		3 unit/daily
C —	36		(-2) unit/daily

ATQ—

$$(A + B)x + (A + B - C) \left(\frac{5x + 24}{5} \right) = 72$$

$$7x + 5 \left(\frac{5x + 24}{5} \right) = 72$$

$$12x = 48 \Rightarrow x = 4$$

(A + B + C) work for

$$= 4 + 4 \frac{4}{5} = 8 \frac{4}{5} \text{ days}$$

109. **Answers:** C



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Explanation:

Speed of current = $5/9 \times 18/5 = 2$ km/hr

Let's still water speed = x km/hr

ATQ,

$$\frac{28 \times \frac{3}{4}}{(x-2)} - \frac{28}{(x+2)} = 3$$

$$21x + 42 - 28x + 56 = 3x^2 - 12$$

$$-7x + 98 = 3x^2 - 12$$

$$3x^2 + 7x - 110 = 0$$

$$x = 5 \text{ km/hr}$$

110. **Answers:** E

Explanation:

Volume of cylindrical vessel = $22/7 \times 17.5 \times 17.5 \times 18$

$$= 17325 \text{ cm}^3$$

Volume of milk = $17325 \times 80/100 = 13860 \text{ cm}^3$

$$30 \times 7 \times 3 \times h = 13860$$

$$h = 462/21$$

$$\Rightarrow h = 22 \text{ cm}$$

111. **Answers:** D

112. **Answers:** E

113. **Answers:** A

114. **Answers:** D

115. **Answers:** C

116. **Answers:** E

117. **Answers:** D

118. **Answers:** C



IBPS PO Mains Model Paper 2

- 119. Answers: B
- 120. Answers: A
- 121. Answers: A
- 112. Answers: B
- 123. Answers: C
- 124. Answers: D
- 125. Answers: E
- 126. Answers: D
- 127. Answers: A
- 128. Answers: C
- 129. Answers: E
- 130. Answers: B
- 131. Answers: A
- 132. Answers: B
- 133. Answers: C
- 134. Answers: D
- 135. Answers: E
- 136. Answers: B
- 137. Answers: E
- 138. Answers: A
- 139. Answers: C
- 140. Answers: D
- 141. Answers: E
- 142. Answers: D
- 143. Answers: C





IBPS PO Mains Model Paper 2

- 144. **Answers:** B
- 145. **Answers:** A
- 146. **Answers:** C
- 147. **Answers:** A
- 148. **Answers:** D
- 149. **Answers:** E
- 150. **Answers:** B
- 151. **Answers:** D
- 152. **Answers:** D
- 153. **Answers:** C
- 154. **Answers:** C
- 155. **Answers:** C





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