SBI Clerk Prelims Memory based Question Paper 2018

Reasoning Ability

Directions(Q.1 - 3) Study the following information Carefully to answer the given questions.

Each of the six writers, L, M, N, O, P and Q writes different number of books in a year. O wrote more books than only two people and M is one of them. N wrote more books than P but less than L. L did not write the highest number of books. P wrote more books than M. The one who wrote second highest number of books wrote 32 books. P wrote 15 books.

1. If the number of books written by P + O is eleven more than number of books written by L then how many books has been written by O?
1. 24
2. 48
3. 28
4. 9
5. 33
Answer - 3. 28
Explanation:
Q>L(32)>N>O>P(15)>M
P=15 L=32
P+O=L+11
O=28

2. Which of the following is true regarding the number of books wrote by Q?
1. No other writer wrote less books than Q
2. Q wrote less number of books than N.
3. Q wrote less books than only two persons.
4. Q possibly wrote 45 books.
5. The difference between number of books wrote by P and Q is less than 17.
Answer - 4. Q possibly wrote 45 books
Explanation:
Q>L(32)>N>O>P(15)>M

3. How many books has M possibly wrote?
1. 30
2. 10
3. 24
4. 36
5. 32
Answer - 2. 10
Explanation:
Q>L>N>O>P>M
M possibly wrote 10 books

Directions(Q.4 - 5) Study the following information Carefully to answer the given questions.
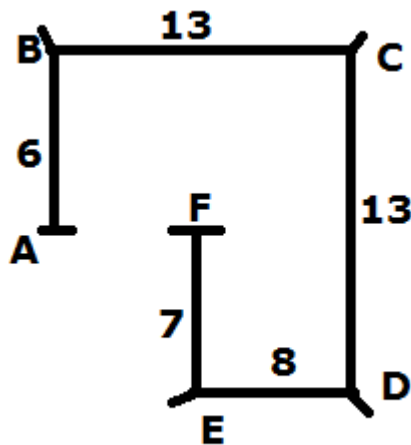Siva moves 6m to the North of point A and reach to point B. From point B, the person takes right turn and walk for 13m to reach point C. Again, he takes a right turn and walks 13m to reach point D. Now, he takes right turn and walk 8 km to reach point E. Then, he took the final right turn and walks 7 km to reach point F.

4. Find the position of A with respect to F?
1. 4m West
2. 5m East
3. 4m West
4. 5m West
5. None of these
Answer - 4. 5m West
Explanation:

5. If point Z is 8 m west of point C, then find the direction of Z with respect to point F?
1. North
2. South
3. East
4. West
5. None of these
Answer - 1. North

Directions(Q.6 - 10) Study the following information Carefully to answer the given questions.

Twelve people are sitting in two parallel rows containing six people each in such a way that there is an equal distance between adjacent persons. In row 1- A, D, E, K, S and T are sitting and all of them are facing South. In row 2- B, F, C, G, L and H are sitting and all of them are facing North. Therefore, in the given seating arrangement, each member of a row faces another member of the other row. G sits third to the left of H. A faces G and G doesn't sit at any extreme ends of the line. K sits third to the left of E. C faces D. The one facing D, sits third to the right of B. S and B do not sit at the
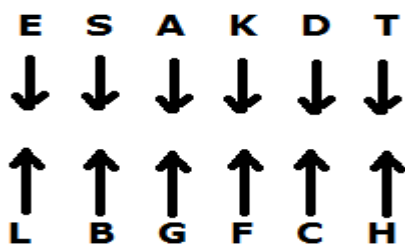
extreme ends of the line. G is not an immediate neighbour of L and E is not an immediate neighbour of A.

6. If E and D interchange their positions and S and T also interchange their positions, then how many members are there between D and T as per the new arrangement?
1. None
2. One
3. Two
4. Three
5. More than three
Answer - 1. None
Explanation:

7. Who amongst the following is standing third from the left of C?
1. L
2. B
3. G
4. F
5. None of these
Answer - 2. B

8. How many members sit between B and C?
1. Four
2. One
3. Three
4. None
5. Two
Answer - 5. Two

9. As per the given arrangement, four of the following five are alike in a certain way and so form a group. Which of the following does not belong to the group ?
1. EH
2. SC
3. AF
4. KG
5. CD
Answer - 5. CD

10. Who amongst the following is standing exactly between S and D?
1. ET
2. EA
3. KT
4. KE
5. AK
Answer - 5. AK

Directions(Q.11 - 15) Study the following information Carefully to answer the given questions.

Eight persons P, Q, R, S, T, U, V and W were joined in a company in eight different years but the same month and same date viz., 1954, 1993, 1982, 1978, 1949, 1972, 1989 and 1996 but not necessarily in the same order. Their experiences are calculated based on 2018 on the same month and same date. P was the most experienced person in the group. Two persons were joined between P and Q. T was joined one of the even-numbered years after Q. W's experience was two years more than that of twice the experience of R. Three persons were joined between W and U. S was joined before V.

11. When was S joined in that company?
1. 1982
2. 1949
3. 1954
4. 1989
5. None of these
Answer - 3. 1954
Explanation:

Year	Person
1949	P
1954	S
1972	W
1978	Q
1982	T
1989	V
1993	U
1996	R

12. How many persons were joined between U and P?
1. Four
2. Two
3. Three
4. Four

5. More than Five

Answer - 5. More than Five

13. What is the difference between the sum of the experience of W, V and R & the sum of the experience of P, Q and T(in years)?
1. 39
2. 38
3. 37
4. 36
5. None of these
Answer - 2. 38
Sum of the experience of W, V and R = 46 + 29 + 22 = 97
Sum of the experience of P, Q and T = 59 + 40 + 36 = 135
Difference = 135 - 97 = 38

14. Four of the five among the following are similar in such a way to form a group, which one of the following does not belongs to the group?
1. U
2. S
3. W
4. Q
5. T
Answer - 1. U

15. Who was joined immediately after Q?
1. Q
2. S
3. P
4. T
5. None of these
Answer - 4. T

Directions(Q.16 - 20) The following questions are based on the six three digits numbers given below:

543 228 742 481 939

16. If 2 is subtracted from the second digit of all odd numbers and 2 is added in the first digit of all even numbers, then which number is lowest number after the arrangement?
1. 228
2. 742
3. 481
4. 939
5. None of these
Answer - 1. 228
Explanation:
543 228 742 481 939

523 428 942 461 919

17. If third digit of highest number is divided by the first digit of lowest number, then what will be the resultant?
1. 4
2. 6
3. 4.5
4. 5
5. None of these
Answer - 3. 4.5
Explanation:
9/2 = 4.5

18. If all the digits in each number are arranged in increasing order, then which number will be the highest number after the rearrangement?
1. 228
2. 742
3. 481
4. 939
5. None of these
Answer - 4. 939
Explanation:
543 228 742 481 939
345 228 247 148 399

19. How many numbers will be there in the given series in which addition of first and third digit is greater than second digit?
1. One
2. Two
3. Three
4. Four
5. None of these
Answer - 4. Four
Explanation:
543 228 742 939

20. How many numbers will be there in the given series in which difference of first and third digit is greater than second digit?
1. One
2. Two
3. Three
4. Four
5. None of these
Answer - 2. Two
Explanation:
228, 742

Y 5 G 1 & E K 4 F 7 © D A M 2 P 3 % 9 H I W 8 ^ 6 U Z $ V Q !

21. Which of the following is the fifth to the left of the seventeenth from the left end of the above arrangement?
1. D
2. W
3. ^
4. 4
5. None of these
Answer - 1. D
Explanation:
Y 5 G 1 & E K 4 F 7 © **D** A M 2 P 3 % 9 H I W 8 ^ 6 U Z $ V Q !

22. Which of the following is exactly in the middle between © and Z in the above arrangement?
1. %
2. H
3. 9
4. 3
5. None of these
Answer - 3. 9
Explanation:
Y 5 G 1 & E K 4 F 7 © D A M 2 P 3 % 9 H I W 8 ^ 6 U Z $ V Q !

23. Four of the following five are alike in a certain way based on their position in the above arrangement and so form a group. Which is the one that does not belong to that group?
1. G1E
2. F7D
3. M23
4. 9HW
5. UZ6
Answer - 5. UZ6

24. How many such symbols are there in the above arrangement each of which is immediately preceded by a number but not immediately followed by a consonant?
1. None
2. One
3. Two
4. Three
5. More than three
Answer - 4. Three
Explanation:
1&, 3%, 8^

25. Which of the following is the tenth to the left end of the thirteenth from the right end?

1. F
2. M
3. &
4. %
5. 3

Answer - 1. F

Explanation:

Y 5 G 1 & E K 4 **F** 7 © D A M 2 P 3 % 9 H I W 8 ^ 6 U Z $ V Q !

Directions(Q.26 - 30) Study the following information carefully to answer the given questions.

Input	: 84 Peacock East 29 Hotel 16 58 Rabbit 71 Bridge
Step I	: 16 Rabbit 84 Peacock East 29 Hotel 58 71 Bridge
Step II	: 16 Rabbit 84 East Hotel 58 71 Bridge 29 Peacock
Step III	: 58 Hotel 16 Rabbit 84 East 71 Bridge 29 Peacock
Step IV	: 58 Hotel 16 Rabbit 84 Bridge 29 Peacock 71 East
Step V	: 84 Bridge 58 Hotel 16 Rabbit 29 Peacock 71 East

Step V is the last step of the above arrangement.

As per the rule followed in the steps given above, find out in each of the following questions the appropriate step for the given input.

Input: Crime 18 Super 45 Alphabet Window 30 91 67 Kitchen

26. Which element appears exactly between the fourth element from the left and fifth element from the right in the second last step?

1. 67
2. 91
3. Window
4. Kitchen
5. Alphabet

Answer - 5. Alphabet

Explanation:

Input	: Crime 18 Super 45 Alphabet Window 30 91 67 Kitchen
Step I	: 18 Window Crime Super 45 Alphabet 30 91 67 Kitchen
Step II	: 18 Window Crime 45 Alphabet 91 67 Kitchen 30 Super
Step III	: 45 Kitchen 18 Window Crime Alphabet 91 67 30 Super
Step IV	: 45 Kitchen 18 Window Alphabet 91 30 Super 67 Crime
Step V	: 91 Alphabet 45 Kitchen 18 Window 30 Super 67 Crime

Step V is the last step of the above arrangement.

27. Which of the following represent the two consecutive elements to the immediate right of 'Kitchen' in the last step?

1. 45, Crime
2. 30, Super
3. 18, Window

4. 91, Super
5. Window, 30
Answer - 3. 18, Window

28. What is the position of '18' from the left of 'Super' in step III?
1. Third
2. Second
3. Fourth
4. Seventh
5. Sixth
Answer - 4. Seventh

29. In step III, which elements appears exactly between 'Window' and 'Alphabet'?
1. Only 91
2. Both Crime and 67
3. Only Kitchen
4. Only Crime
5. Sixth
Answer - 4. Only Crime

30. In step I, 'Alphabet' : 'Window' in the same way as 'Crime' :'91' in step IV. In the same way, 'Window' : _____ in step V?
1. Crime
2. 91
3. 18
4. Alphabet
5. Other than those given as option
Answer - 4. Alphabet

Directions.Q(31-35): Study the given information carefully to answer the given questions.
In a certain code language,
'attempts required in coaching' is written as 'dp kj te hy'
'coaching adults is difficult' is written as 'dp op cs mb'
'adults heart is big' is written as 'cs re mb gr'
'project required big attempts' is written as 'hy kj re ba'
(All codes are two letter codes only)

31. In the given code language, what does the code 'kj' stand for?
1. in
2. Either 'required' or 'attempts'
3. Either 'big' or 'adults'
4. project
5. big
Answer - 2. Either 'required' or 'attempts'
Explanation:
kj/hy - 'required' or 'attempts'
ba - project

re - big
dp - coaching
mb/cs - adults/is
te - in
op - difficult

32. What is the code for 'coaching' in the given code language?
1. hy
2. te
3. op
4. Other than those given as options
5. kj
Answer - 4. Other than those given as options

33. What is the code for 'adults' in the given code language?
1. Either 'mb' or 'cs'
2. Either 'op' or 'gr'
3. dp
4. Other than those given as options
5. re
Answer - 1. Either 'mb' or 'cs'

34. What will be the code for 'in project' in the given code language?
1. te hy
2. dp kj
3. ba kj
4. ba te
5. Other than those given as options
Answer - 4. ba te

35. What may be the possible code for 'quite difficult heart′ in the given code language?
1. ue ba re
2. gr uc re
3. op uc gr
4. op kj hy
5. op gr kj
Answer - 3. op uc gr

English

Directions.(Q.36-40) Read the passage and answer the following questions

No very satisfactory account of the mechanism that caused the formation of the ocean basins has yet been given. The traditional view supposes that the upper mantle of the earth behaves as a liquid when it is subjected to small forces for long periods and that differences in temperature under oceans and continents are sufficient to produce convection in the mantle of the earth with rising convection currents under the mid-ocean ridges and sinking currents under the

continents. Theoretically, this convection would carry the continental plates along as though they were on a **conveyor belt** and would provide the forces needed to produce the split that occurs along the ridge. This view may be correct: it has the advantage that the currents are driven by temperature differences that themselves depend on the position of the continents. Such a back-coupling, in which the position of the moving plate has an impact on the forces that move it, could produce complicated and varying motions. On the other hand, the theory is implausible because convection does not normally occur along lines, and it certainly does not occur along lines broken by frequent offsets or changes in direction, as the ridge is. Also it is difficult to see how the theory applies to the plate between the Mid-Atlantic Ridge and the ridge in the Indian Ocean. This plate is growing on both sides, and since there is no intermediate trench, the two ridges must be moving apart. It would be odd if the rising convection currents kept exact pace with them. An alternative theory is that the sinking part of the plate, which is denser than the hotter surrounding mantle, pulls the rest of the plate after it. Again it is difficult to see how this applies to the ridge in the South Atlantic, where neither the African nor the American plate has a sinking part. Another possibility is that the sinking plate cools the neighboring mantle and produces convection currents that move the plates. This last theory is attractive because it gives some hope of explaining the enclosed seas, such as the Sea of Japan. These seas have a typical oceanic floor, except that the floor is overlaid by several kilometers of sediment. Their floors have probably been sinking for long periods. It seems possible that a sinking current of cooled mantle material on the upper side of the plate might be the cause of such deep basins. The enclosed seas are an important feature of the earth's surface, and seriously require explanation because, in addition to the enclosed seas that are developing at present behind island arcs, there are a number of older ones of possibly similar origin, such as the Gulf of Mexico, the Black Sea, and perhaps the North Sea.

36) According to the traditional view of the origin of the ocean basins, which of the following is sufficient to move the continental plates?
1. Increases in sedimentation on ocean floors
2. Spreading of ocean trenches
3. Movement of mid-ocean ridges
4. Sinking of ocean basins
5. Differences in temperature under oceans and continents
Answer - 5. Differences in temperature under oceans and continents

37) It can be inferred from the passage that, of the following, the deepest sediments would be found in the
1. Indian Ocean
2. Black Sea
3. Mid-Atlantic
4. South Atlantic
5. South Atlantic
Answer - 2. Black Sea

38) The author refers to a "conveyor belt" in order to
1. illustrate the effects of convection in the mantle
2. show how temperature differences depend on the positions of the continents
3. demonstrate the linear nature of the Mid-Atlantic Ridge
4. describe the complicated motions made possible by back-coupling
5. account for the rising currents under certain mid-ocean ridges
Answer - 1. illustrate the effects of convection in the mantle

39) The author regards the traditional view of the origin of the oceans with
1. slight apprehension
2. absolute indifference
3. indignant anger

4. complete disbelief
5. guarded skepticism
Answer - 5. guarded skepticism

40) According to the passage, which of the following are separated by a plate that is growing on both sides?
1. The Pacific Ocean and the Sea of Japan
2. The South Atlantic Ridge and the North Sea Ridge
3. The Gulf of Mexico and the South Atlantic Ridge
4. The Mid-Atlantic Ridge and the Indian Ocean Ridge
5. The Black Sea and the Sea of Japan
Answer - 4. The Mid-Atlantic Ridge and the Indian Ocean Ridge

Directions.Q.(41-45) Fill in the Blanks with appropriate words.

41. Without being _____ and sacrificing their legitimate economic interests it should be possible for the developed countries of the world to be guided by this spirit of sharing in the sphere of international cooperation in science and technology.
1. sphinx
2. occult
3. stumper
4. altruistic
5. perplexity
Answer- 4. altruistic
Explanation :
Altruistic – showing a disinterested and selfless concern for the well-being of others

42. Breaking the patina of _____ over medical practices can halt the cancer of corruption destroying India's medical system.
1. leguminous
2. inscrutability
3. beignets
4. beignets
5. intervisibility
Answer - 2. inscrutability
Explanation :
Inscrutability- incapable of being investigated, analyzed, or scrutinized

43. The Narendra Modi government has repeatedly articulated its aim to improve India's investment climate. The good news is that the government is willing to walk the talk by _____ administrative rules to eliminate unwarranted government interference in economic activity.
1. charade
2. profaning
3. conundrum
4. dispensability
5. tweaking
Answer - 5. tweaking
Explanation :
Tweaking- twist or pull

44. Supreme Court's clarification that fatwas issued by sharia courts or muftis had no legal basis and hence could not be enforced has important social _____.
1. culinary
2. schmaltzy

3. ramifications
4. abstruseness
5. charade
Answer - 3. ramifications
Explanation :
Ramifications- a complex or unwelcome consequence of an action or even

45. Judiciary has been inching towards allowing passive euthanasia, where the means of prolonging a patient's life are withdrawn — say by withdrawing ventilator support. But the process remains enmeshed in such a legal _____ that ordinary patients can hardly hope to benefit from it.
1. imbroglio
2. subtlety
3. cryptogram
4. clemency
5. philanthropic
Answer- 1. imbroglio
Explanation :
Imbroglio - an extremely confused, complicated, or embarrassing situation

 Directions.Q(46-50) Choose the correct sequence of the mentioned sentences.

46. A. In other words, the "middle" ages were a transformation of institutions and dynamics of Rome far more than a complete break from the past.
B. To cite just a few examples: the great Barbarian invasions instrumental in Roman demise and Byzantine emergence were preceded by dynamics reaching back to the time before the emperor Marcus Aurelius (161-180) (arguably, Goths, Franks, and others entered Gaul to share Roman civilization, and not to destroy it).
C. Defining the years from 300-1000 CE as "The Early Middle Ages" indicates, more than anything else, the perspective of modern historians and Renaissance writers who looked back with disgust on the disorder and inelegance of preceding years.
D. Writing in a time of arguably secular societies and unitary states, historians have tried to understand as "middle" the near millennium of time in between the demise of the Roman state, valued for its political centralism, security, technological advances, territorial spread, and legal systems—all those things that comprised a Pax-Romana—and the first hints of increased international trade, unitary states, and cultural-linguistic identities centering on Europe as a whole.
E. While this "middle" conception is helpful in reminding us of discontinuities between the post Constantine era in European History and Europe after 1500, we must remember that the medieval era also manifests continuities with the Roman times.
1. CADBE
2. CBDEA
3. AEDBC
4. CDEAB
5. BEACD
Answer- 4. CDEAB

47. A. Analysts and politicians hasten to spin out catchy sound bites that command instant attention in cyberspace, and are often unable to see the wood for the trees.
B. They fail to pay attention to the significant transformation in political and civic engagement in recent years.
C. But this issue requires a different argument, so let us set it aside, and concentrate on some new configurations of politics in two electorally significant States, Punjab and Uttar Pradesh.

D. Since India is constantly in election mode, it is not surprising that predictions of who will win and who will lose, analyses why people voted 'this' way and not 'that', and why 'this' and not 'that' party won, are breathless and rushed.

E. New patterns are ignored in the obsession with number-crunching. The reduction of democracy to a game of numbers is dangerous and unwise.

1. CDABE
2. ADECB
3. DABEC
4. EABDC
5. ECDAB

Answer- 3. DABEC

48. A. These are a large number of people in our society who have formally studied or are studying science, clearly driven by job expectations.

B. Take the question of population. Even 50 years ago. At the time of Independence, the Indian subcontinent was already crowded.

C. Those who are engaged in industry, business and commerce have no time to determine what identity their counterparts belong to.

D. This has caused the retreat of traditional values and a degree of modernization and homogenization of society, it Is now certainly far less segregated along lines of caste, language or religion.

E. This is certainly a major achievement in free India. However, if one looks at some of our fundamental problems, there is much cause for dismay and disappointment.

1. BDEAC
2. ADCEB
3. EDACB
4. EBDAC
5. CEDAB

Answer - 2. ADCEB

49. A. But it cannot be the ideological structure for a society. Similarly we cannot take it as a ground for a democratic setup.

B. The need for tolerance, or for secularism, is a compulsion that springs from within the folds of any diverse polity.

C. The concept of ground precludes the imperatives of game. Because then the teams have the option to play on a particular ground or not. But the concept of the goal precludes this option.

D. All it can be is a goal. A goal for a polity with diverse religious identities, cultural entities and lingual prolificacy.

E. But this compulsion must not be mistaken for a dictate. It is further a safe-guard for a homogeneous society.

1. AEDCB
2. DCABE
3. EDACB
4. EBCAD
5. BEADC

Answer - 5.BEADC

50. A. The basis of a community was sharing everything belonged to everyone and he used it according to his needs. However, as needs increased man became more concerned about himself.

B. The first and foremost necessity of his life is happiness. He wants to indulge in pleasure and joys. He tries to have it in his own ways even by sharing joys of others. It is very easy to share a smile.

C. And today such is the irony that man, social animal that he has become thoroughly selfish. He knows how to take but has forgotten the art of giving. Man lives to enjoy life.

D. Despite being physically weaker than many animals, he could survive and today rules the world just because of his superior brain power and because he lived not alone but a community.

E. That man is a social animal is an oft-repeated phrase. We all know that man lives in groups, he can't live alone.

1. EDACB
2. ADCBE
3. AEDBC
4. CEDAB
5. BCAED

Answer- 1. EDACB

Directions.Q(51-55). Find out the wrongly spelt or inappropriate words in the sentences given.

51. Chennai-based R. Praggnanandhaa is the youngest and the latest in the list of Grandmasters from India. At 12 years, he made chess history, becoming the second-**youngest** Grandmaster, behind only Sergey Karjakin, who now represents Russia. Praggnanandhaa has thereby **emulated** compatriot Parimarjan Negi, who became the second-youngest GM on the all-time list in 2006. Stories about Praggu, as he is **affectionately** called, are already **legion** in the chess world.

1. youngest
2. emulated
3. affectionately
4. legion
5. None of these

Answer- 5. None of these

Explanation :

Chennai-based R. Praggnanandhaa is the youngest and the latest in the list of Grandmasters from India. At 12 years, he made chess history, becoming the second-youngest Grandmaster, behind only Sergey Karjakin, who now represents Russia. Praggnanandhaa has thereby emulated compatriot Parimarjan Negi, who became the second-youngest GM on the all-time list in 2006. Stories about Praggu, as he is affectionately called, are already legion in the chess world.

52. A **chaotic** government trying to push us over the cliff edge," Caroline Lucas, the co-leader of the Green Party, told those gathered there. She pointed to a range of promises made during the course of the **referendum** campaign by the Leave side that had been unfulfilled, such as £350 million a week extra for the National Health Service (NHS) as well as the difficulties related to Northern Ireland and other matters that voters had not been aware of at the time of the vote. "It is time for you to decide, for you to take back control," said Gina Miller, the **campaigner** who had taken the government to the Supreme Court over **parliamentery** accountability for Brexit.

1. chaotic
2. referendum
3. campaigner
4. parliamentery
5. None of these

Answer- 4. parliamentery

Explanation :

"A chaotic government trying to push us over the cliff edge," Caroline Lucas, the co-leader of the Green Party, told those gathered there. She pointed to a range of promises made during the course of the referendum campaign by the Leave side that had been unfulfilled, such as £350 million a week extra for the National Health Service (NHS) as well as the difficulties related to Northern Ireland and other matters that voters had not been aware of at the time of the vote.

"It is time for you to decide, for you to take back control," said Gina Miller, the campaigner who had taken the government to the Supreme Court over parliamentary accountability for Brexit.

53. The Governor needs to do is to ensure that the MLAs of the Tamil Nadu Assembly are able to choose their leader without fear or **coercion**. Given the **swirling** allegations of detention and captivity of the MLAs by Ms. Sasikala's men, it would be a **subversion** of the electoral and political process if their support were to be obtained by such means. It remains to be seen, however, if the Governor needs to exert himself in the matter; the Supreme Court judgment may have a Vardah effect on some political fortunes. Whatever that outcome may be, this emphatic judgment is to be welcomed as another **asserrtion** of the rule of law, with all its majesty and might.
1. coercion
2. swirling
3. subversion
4. asserrtion
5. None of these
Answer- 4. asserrtion
Explanation :
The Governor needs to do is to ensure that the MLAs of the Tamil Nadu Assembly are able to choose their leader without fear or coercion. Given the swirling allegations of detention and captivity of the MLAs by Ms. Sasikala's men, it would be a subversion of the electoral and political process if their support were to be obtained by such means. It remains to be seen, however, if the Governor needs to exert himself in the matter; the Supreme Court judgment may have a Vardah effect on some political fortunes. Whatever that outcome may be, this emphatic judgment is to be welcomed as another assertion of the rule of law, with all its majesty and might.

54. With the rise of the **Renaissance**, new interest sparked in reference to the physical world. In part boosted by the spirit of **geographical** exploration, which dominated Europe and provided many new specimens for study and experimentation, the artists and thinkers of the Renaissance were infused with the desire to know and **potray** reality, prompting a dramatic rise in scientific exploration. Botany and biology flourished, as artists sought to better understand their subjects. This focus on the investigation of reality naturally began to create questions regarding the accepted **Aristotelian** norms.
1. renaissance
2. geographical
3. potray
4. Aristotelian
5. None of these
Answer- 3. potray
Explanation :
With the rise of the Renaissance, new interest sparked in reference to the physical world. In part boosted by the spirit of geographical exploration, which dominated Europe and provided many new specimens for study and experimentation, the artists and thinkers of the Renaissance were infused with the desire to know and portray reality, prompting a dramatic rise in scientific exploration. Botany and biology flourished, as artists sought to better understand their subjects. This focus on the investigation of reality naturally began to create questions regarding the accepted Aristotelian norms.

55. The political atmosphere, with elections in several States, including the crucial one of Uttar Pradesh, being just round the corner, was also not **propittious** for good Budget-making. It must have been tempting for Mr. Jaitley to indulge in some cheap **populism** in order to counter any negative reaction of voters to the demonetisation. The Election Commission would not have **interfered** — by agreeing to allow the government to present the Budget just before the

elections, it had signalled that it would treat the budget as a routine and **necessary** piece of government policy.
1. propittious
2. populism
3. interfered
4. necessary
5. None of these
Answer - 1. propittious
Explanation :
The political atmosphere, with elections in several States, including the crucial one of Uttar Pradesh, being just round the corner, was also not propitious for good Budget-making. It must have been tempting for Mr. Jaitley to indulge in some cheap populism in order to counter any negative reaction of voters to the demonetisation. The Election Commission would not have interfered — by agreeing to allow the government to present the Budget just before the elections, it had signalled that it would treat the budget as a routine and necessary piece of government policy.

Directions.Q.(56-60) The sentences below are divided into five parts. There is error in any part of sentence(s). From the given options find out which part contains error.

56. A. The Indian Army prides itself on a long and honourable tradition in guarding
B. the Republic; indeed, it operate in places such as Kashmir in extremely trying
C. circumstances that risk life and limb. But surely it must accept that the rules of
D. conduct for men in uniform must be adhered to, despite the difficulties in
E. doing so in the conduct of what is clearly an asymmetric engagement.
1. only A
2. only C
3. only B
4. only A and B
5. only E
Answer- 3. only B
Explanation :
Replace 'operate' with 'operates'.

57. A. The reputation of India's national air carrier for
B. making consecutive losses is closely matched, and also linked,
C. to its operational efficiencies. The issue of whether the airline has
D. a future has been frequently posed, but the question have a certain
E. edge after the introduction and growth of private airlines.
1. only A
2. only B
3. only C
4. only D
5. only E
Answer - 4. only D
Explanation :
Replace 'have' with 'has'.

58. A. The scepticism of some political parties apart, there is definitely
B. a case for constantly improved EVM design and security features
C. in order to completely rule out any sophisticated tampering
D. attempt, howsoever difficult it is to carry it of considering
E. the strict administrative safeguards in place.
1. only B and D
2. only B

3. only D
4. only A
5. only C and D
Answer - 1. only B and D
Explanation :
Replace 'improved' with 'improving'.
Replace 'of' with 'off'.

59. A. The Urban Development Secretary in each State, who
B. heads the monitoring committee under the rules, should be
C. mandated to produce a monthly report on how much plastic
D. waste is collected, including details of the types of
E. chemicals involved, and the disposal methods.
1. only E
2. only D
3. only C
4. only A
5. only B
Answer - 5. only B
Explanation :
Replace 'head' with 'heads'.

60. A. The focus on jobs is obviously vital. However, higher economic
B. growth alone will not solve the jobs problem. Jobs
C. can be created when growth come from the transition
D. of labour from informal sectors like agriculture to the more
E. formal manufacturing and service sectors.
1. only A
2. only C
3. only A and D
4. only B and C
5. only D
Answer - 2. only C
Explanation :
Replace 'come' with 'comes'.

Directions.Q(61-65) Replace the phrase highlighted in Bold with the appropriate words.

61. Having established its credentials and **commitment** over time, the Centre is now taking its partnership beyond dollars and cents to a new strategic level. To begin with, India is working on a maritime outreach to extend its Sagarmala programme to the southern coastal African countries
1. bedlam
2. disarray
3. muzzle
4. dedication
5. anarchy
Answer - 4. dedication
Explanation :
Commitment- dedication

62. Barring occasional criticism, U.S. Presidents have largely overlooked allegations of rights abuses in Saudi Arabia and deepened ties in the energy and defence areas. But President Barack Obama, while steadily expanding the defence partnership between Washington and Riyadh, had tried to balance America's interests between Saudi Arabia and Iran.
1. excluding
2. entropy
3. misrule
4. discord
5. holy mess
Answer - 1. excluding
Explanation :
Barring - except/exclude

63. The Indian EVM is a singular instrument with its dependence on standalone hardware-firmware-led machine components to register and tally votes — it is not **reliant** on computer software or networked components.
1. tardiness
2. susceptible
3. snarl
4. ataxia
5. maelstrom
Answer - 2. susceptible
Explanation :
Reliant- dependent on

64. A determined approach to end manual scavenging requires a campaign against social prejudice that **impedes** solutions. Many communities still regard the inclusion of a sanitary toilet as ritual and physical pollution of the house, and even the less conservative are ready to accept only large, expensive and unscientific structures much bigger than those recommended by the WHO.
1. pandemonium
2. anarchy
3. clutter
4. commotion
5. thwart
Answer - 5. thwart
Explanation :
Impedes- delay or prevent

65. It is no secret that Indians tend to favour gold over other income-generating financial assets. This has, for a long time, led to concerns about savings being wasted on a **dormant** metal instead of being invested in productive business activities.
1. monocracy
2. nihilism
3. sluggish
4. shamble
5. uproar
Answer- 3. sluggish
Explanation :
Dormant- inactive for a while

Numerical Ability

Directions Q.(66-70): Find out the wrong number in the series given below.

66. 9, 5, 6, 11, 23 60
1. 5
2. 6
3. 9
4. 11
5. 60
Answer – 4. 11
Explanation :
9 * 0.5 + 0.5 = 5
5 * 1 + 1 = 6
6 * 1.5 + 1.5 = 10.5
10.5 * 2 + 2 = 23
23 * 2.5 + 2.5 = 60

67. 2, 17, 89, 359, 1079, 2160
1. 2
2. 17
3. 1079
4. 2160
5. 359
Answer – 4. 2160
Explanation :
2 * 6 + 5 = 17
17 * 5 + 4 = 89
89 * 4 + 3 = 359
359 * 3 + 2 = 1079
1079 * 2 + 1 = 2159

68. 7, 8, 13, 37, 97, 217
1. 7
2. 13
3. 8
4. 37
5. 217
Answer – 3. 8
Explanation :
$7 + 1^3 - 1 = 7$
$7 + 2^3 - 2 = 13$
$13 + 3^3 - 3 = 37$

69. 1, 20, 58, 135, 286, 590
1.20
2.590
3.135
4.58
5.1
Answer – 3.135
Explanation :
1 * 2 + 18 = 20
20 * 2 + 18 = 58

58 * 2 + 18 = 134
134 * 2 + 18 = 286

70. 3, 5, 15, 45, 103, 243
1.3
2.103
3.243
4.5
5.15
Answer – 2.103
Explanation :
$3 * 1^3 + 1 = 5$
$5 * 2^3 + 2 = 15$
$15 * 3^3 + 3 = 45$
$45 * 4^3 + 4 = 113$

71. 5616 ÷ 18 ÷ 4 = ?
1. 74
2. 79
3. 78
4. 77
5. None of these
Answer – 3. 78
Explanation :
5616 ÷ 18 = 312
312 / 4 = 78

72. 864 ÷ 24 * 38 − 948 + 64 = ?
1. 464
2. 427
3. 448
4. 484
5. None of these
Answer – 4. 484
Explanation :
36 * 38 − 948 + 64 = 484

73. 12.5 * 13.2 ÷ 8.25 + 14 = 20 + ?
1. 14
2. 11
3. 12
4. 18
5. 15
Answer – 1. 14
Explanation :
12.5 * 1.6 = 20 ; 20 + 14 − 20 = 14

74. (2222.5 − 1260 * 0.75)*1.2 = ?
1. 1515
2. 1255
3. 1525
4. 1555
5. 1533
Answer – 5. 1533

Explanation :
2222.5 − 945 = 1277.5; 1277.5*1.2 = 1533

75. 20*192÷16-40 = ? + 110
1. 60
2. 30
3. 40
4. 80
5. 90
Answer − 5. 90
Explanation :
192/16 = 12; 20*12 − 240; 240 − 40 = 200; 200 − 110 = 90

76. The ratio of the present age of Bharat to that of Ajay is 3 : 11. Ajay is 12 years younger than Raja. Raja's age after 7 years will be 85 years.
Quantity I: The present age of Bharat's father, who is 25 years older than Bharat
Quantity II: Raja's present age
1. Quantity I > Quantity II
2. Quantity I < Quantity II
3. Quantity I ≥ Quantity II
4. Quantity I ≤ Quantity II
5. Quantity I = Quantity II or relation cannot be established
Answer - 2. Quantity I < Quantity II
Explanation:
11x = 85 - 7 - 12
x = 6
Present age of Bharat = 18
Present age of Bharat's father = 18 + 25 = 43; Raja's present age = 78

77. Suresh invested some amount(x) at the rate of 12% SI and a certain amount(y) at the rate of 10% SI. He received yearly interest of Rs.140. But if he had interchanged the amounts invested, he would have received Rs.4 more as interest.
Quantity I: The value of x
Quantity II: The value of y
1. Quantity I > Quantity II
2. Quantity I < Quantity II
3. Quantity I ≥ Quantity II
4. Quantity I ≤ Quantity II
5. Quantity I = Quantity II or relation cannot be established
Answer - 2. Quantity I < Quantity II
Explanation:
Amount invested at 12% = Rs. x
Amount invested at 10% = Rs. y
140 = x*12*1/100 + y*10*1/100
12x + 10y = 14000 -(i)
144 = x*10*1/100 + y*12*1/100
10x + 12y = 14400 -(ii)
x = 545.45; y = 745.45

78. Sundar spends 23% of an amount of money on an Mutual Fund, 33% on food, 19% on children's education and 16% on health. He deposits the remaining amount of Rs. 504 in bank.
Quantity I: Amount spend on food and Mutual Fund together
Quantity II: Amount spend on children's education and health together
1. Quantity I > Quantity II

2. Quantity I < Quantity II
3. Quantity I ≥ Quantity II
4. Quantity I ≤ Quantity II
5. Quantity I = Quantity II or relation cannot be established
Answer - 1. Quantity I > Quantity II
Explanation:
Total amount = x
Savings(%)
[100 - (23 + 33 + 19 + 16)]% = 9 %
9% of x = 504
=> x = 504 * 100/9 = 5600
Amount spend on food and Mutual Fund together = 56% of 5600 = Rs.3136

79. x is 3/2 times of y. Their product is 600.
Quantity I: Value of x
Quantity II: Value of y
1. Quantity I > Quantity II
2. Quantity I < Quantity II
3. Quantity I ≥ Quantity II
4. Quantity I ≤ Quantity II
5. Quantity I = Quantity II or relation cannot be established
Answer - 1. Quantity I > Quantity II
Explanation:
x = 3a
y = 2a
Product = 3a * 2a = 6a² = 600
x = 30 & y = 20

80. Two trains P and Q start from the opposite ends of a 450 km straight track and run to and from between the two ends. The speed of the first train is 25 m/s and the speed of other is 35 m/s. It continues motion for 10 hours.
Quantity I: First train speed
Quantity II: Second train speed
1. Quantity I > Quantity II
2. Quantity I < Quantity II
3. Quantity I ≥ Quantity II
4. Quantity I ≤ Quantity II
5. Quantity I = Quantity II or relation cannot be established
Answer - 2. Quantity I < Quantity II
Explanation:
First train speed = 25 m/s * 18/5 = 90 kmph
Second train speed = 35 m/s * 18/5 = 126 kmph

81. I. x² - 9x + 20 = 0
II. y² - 5y + 6 = 0
1. X > Y
2. X < Y
3. X ≥ Y
4. X ≤ Y
5. X = Y or relation cannot be established
Answer - 1. X > Y
Explanation:
x² - 9x + 20 = 0
x = 5, 4
y² - 5y + 6 = 0

y = 2, 3

82. I. x² - 32x + 252 = 0
II. y² - 26y + 168 = 0
1. X > Y
2. X < Y
3. X ≥ Y
4. X ≤ Y
5. X = Y or relation cannot be established
Answer - 3. X ≥ Y
Explanation:
x² - 32x + 252 = 0
x = 14, 18
y² - 26y + 168 = 0
y = 12, 14

83. 2211÷11 + 9 = X × √49
1. 50
2. 40
3. 20
4. 30
5. 70
Answer - 4. 30
Explanation:
201 + 9 = 7x
x = 30

84. Amit, Bharat, and Chitra together start a business with a total investment of 15000. At the end of the year, the total profit is Rs.3000. What is Amit's share in the profit?
I. Amit's contribution is 3/2 times of Bharat's
II. Bharat's contribution is twice that of Chitra.
III. Amit's contribution is thrice that of Chitra.
1. I and II
2. II and III
3. All I, II and III
4. Any two of the three
5. None of the Above
Answer - 4. Any two of the three
Explanation :
Chitra = x
From I and II
Chitra = x, Bharat = 2x, Amit = (3/2 * 2x) => Amit = 3x
From II and III
Chitra = x, Bharat = 2x, Amit = 3x
From I and III
Chitra = x, A = 3x, B = (2/3 * 3x) => B = 2x
Amit:Bharat:Chitra = 3:2:1, Amit's share = (3000 * (3/6)) = 1500
Thus any two of the three statements, are sufficient to answer the question.

85. What is the present age of Ravi?
I. The present age of Ravi is half of his father's age
II. After 5 years, the ratio of ages of Ravi and his father is 6:11
III. Ravi is younger to his brother by five years.
1. I and II

2. I and III
3. Can not be determined
4. II and III
5. All of these
Answer - 1. I and II
Explanation :
From Statement I and II,
Ravi's age = x, His father's age = 2x
x+5/2x+5 = 6/11
x=25 year

86. What was the profit earned on the Cost Price by Ravi by selling an article?
I. He got 15% concession on labelled price in buying that article
II. He sold it for Rs.3060
III. He earned a profit of 2% on the labelled price in buying that article.
1. Only I and II
2. Only II and III
3. Only either I or III and II together are required
4. All I, II and III together are required
5. None of these
Answer - 4. All I, II and III together are required
Explanation :
Labelled price -x
From statement I, CP = 85% of x
From statement II and III, 2 = (3060 - x/ x)*100 x=3000
CP= 85% of 3000 = 2550
Thus All I, II and III together are required.

87. 193% of X = 72% of 400 + 18% of 250 – 140
1. 156
2. 167
3. 100
4. 193
5. None of these
Answer - 3. 100
Explanation:
193% of X = 288 + 45 - 140
X = 193 * (100/193) = 100

88. 3 + 2^2 + 5^3 = X - 40
1. 192
2. 197
3. 172
4. 182
5. None of these
Answer - 3. 172
Explanation:
3 + 4 + 125 = X - 40
X = 132 + 40 = 172

89. x² + 15x + 56 = 0
16y² + 20y + 6 = 0
1. X > Y
2. X < Y
3. X ≥ Y

4. X ≤ Y
5. X = Y or relation cannot be established
Answer - 2. X < Y
Explanation:
$x^2 + 15x + 56 = 0$
x = -8, -7
$16y^2 + 20y + 6 = 0$
y = - 0.25, - 1.5

90. $x^2 + 9x + 18 = 0$
$12y^2 + 29y + 14 = 0$
1. X > Y
2. X < Y
3. X ≥ Y
4. X ≤ Y
5. X = Y or relation cannot be established
Answer - 2. X < Y
Explanation:
$x^2 + 9x + 18 = 0$
x = -6, -3
$12y^2 + 29y + 14 = 0$
y = - 1.75, - 0.6

91. $x^2 - 12x + 35 = 0$
$y^2 - 9y + 20 = 0$
1. X > Y
2. X < Y
3. X ≥ Y
4. X ≤ Y
5. X = Y or relation cannot be established
Answer - 3. X ≥ Y
Explanation:
$x^2 - 12x + 35 = 0$
x = 7, 5
$y^2 - 9y + 20 = 0$
y = 5, 4

92. The area of a rectangle and the ratio of the perimeter is 35:8. If the width of the rectangle is 15 cm then find out the length of the rectangle?
1. 15cm
2. 20cm
3. 21cm
4. 22cm
5. None of these
Answer - 3. 21cm
Explanation :
lb/2(l+b) = 35/8
4lb = 35l + 35b
60l = 35l + 525
L = 21cm

93. The average age of A, B, and C is 22 years. 3 years ago the average age of b and c is 18 years. Find the age of A, 9 years hence.
1. 35
2. 32

3. 33
4. 34
5. None of these
Answer - 3. 33
Explanation :
A + B + C = 66
B + C = 36 + 6 = 42
66 - 42 = 24
A after 9 years = 33

Directions Q.(94-98): Pie chart given below shows the total number of students who are selected for a competition in a school from five different classes in May 2018. Study the data carefully and answer the following questions.

94. Total number of students who are selected from Class A and E together is how much greater than the total number of students who are selected from Class B and F together?
1. 14
2. 16
3. 18
4. 21
5. 24
Answer - 3. 18
Explanation:
Class A and E = 18 + 15 = 33%
Class B and F = 12 + 15 = 27%
6% of 300 = 18

95. If the total number of students is increased by 30% in June 2018 as compared to May 2018 then the total number of students will participate in June 2018 is
1. 450
2. 420
3. 390
4. 330
5. 360
Answer - 3. 390
Explanation:
130/100 * 300 = 390

96. Find the central angle of total number of students who are selected from Class C?
1. 57.6°
2. 54°
3. 50.4°
4. 43.2°
5. 64.8°
Answer - 5. 64.8°
Explanation:
Central angle = 18/100 * 360 = 64.8°

97. Find the average number of students who are selected from Class B, C and D together?
1. 54
2. 58
3. 56
4. 52

5. 50
Answer - 4. 52
Explanation:
(52/3*100) * 300 = 52

98. Find the ratio between the total number of students who are selected from Class B and D together to total number of students who are selected from Class E and F together?
1. 18 : 19
2. 17 : 19
3. 15 : 16
4. 17 : 15
5. 15 : 16
Answer - 4. 17 : 15
Explanation:
Ratio = 34 : 30 => 17:15

99. Ratio between speed of boat in still water to speed of stream is 8 : 1. It covers 67.5 km distance in 2 and half an hour in downstream. Then find the speed of boat?
1. 15 kmph
2. 18 kmph
3. 24 kmph
4. 21 kmph
5. 17 kmph
Answer - 3. 24 kmph
Explanation:
67.5/2.5 = 8x + x
x = 27/9
x = 3kmph
Speed of boat in still water = 24 kmph

100. The perimeter of a rectangle whose length is 8m more than its breadth is 92m. what will be the area of the rectangle?
1. 546m²
2. 540m²
3. 532m²
4. 513m²
5. 548m²
Answer - 4. 513m²
Explanation:
Breadth of rectangle = x metre
Length = (x + 8) metre
2(x + 8 + x) = 92
2x = 46 − 8 = 38
x= 19
Length = 19 + 8 = 27 metre
Area of the rectangle = 19 * 27 = 513m²