

SBI PO MAINS MEMORY BASED

Direction (1-5): Study the following information to answer the given questions:

Ten persons are sitting in twelve seats in two parallel rows containing five people each, in such a way that there is an equal distance between adjacent persons. In row 1, A, B, C, D and E are seated and all of them are facing south, and in row 2, P, Q, R, S and T are sitting and all of them are facing north. One seat is vacant in each row. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. All of them like a different colour i.e. Red, Green, Pink, Blue, Purple, White, Black, Grey, Violet and Yellow.

- S sits third to the right of R and likes Blue colour.
- Only two people sit between Q and Vacant seat.
- Q does not like Purple and Pink colour.
- E is not an immediate neighbour of C.
- B likes yellow colour. The one who likes Pink colour faces the one who likes Grey colour.
- The one who likes Pink colour sits opposite to the one, who sits third right of the one, who sits opposite to S.
- C is not an immediate neighbour of D.
- T, who likes neither Purple nor White colour, does not face vacant seat.
- Neither S nor R sits at an extreme ends. D faces R.
- Vacant seats are not opposite to each other.
- Two persons sit between C and B, who sits third right of the one, who likes Black colour.
- The one who likes Violet colour faces the one, who likes Blue colour.
- The person who likes Red colour and Grey colour are adjacent to each other.
- Vacant seat of row-1 is not an immediate neighbour of D.
- Q sits at one of the extreme ends.
- R does not like Red and Grey colour.
- Vacant seat of row-1 does not face S also does not sit at any of the extreme ends.

1. Who sits second to right of the one, who faces vacant seat of Row-2?
(a) S (b) B (c) T
(d) E (e) None of these
2. Which of the following colour does T like?
(a) Yellow (b) Green (c) Pink
(d) Grey (e) Red
3. E is related to vacant seat of row-1 in the same way as T is related to P. So, following the same pattern vacant seat of row-2 is related to which of the following?
(a) Q (b) D (c) R
(d) P (e) None of these
4. Who sits diagonally opposite to the one, who likes White colour?
(a) C (b) B (c) T
(d) E (e) None of these
5. Which of the following is true regarding P?
(a) P sits second to right of T.
(b) P is not an immediate neighbour of S.
(c) P sits third to left of R.
(d) P sits at one of the extreme ends of the line.
(e) P faces vacant seat of row-1.
6. **Statement:** A record of sort was created after the UP government, which advertised for 368 posts of peon in secretariat, got 23 lakh responses. The minimum qualification for the post of peon is that the applicant should be a class five pass out and know how to ride a bicycle. Grabbing the opportunity, opposition parties in unison attacked the SP-led state government over its promise of providing employment to youths in the state. Of the total 368 posts, 268 are for general category and the rest are for SC, ST and other reserved categories in the age group of 18 to 40 years. "When we categorized the applications viz. a viz. a qualification, we were surprised to find that 255 doctorates have applied for the job," a senior secretariat administration official said.

Arguments:

- I. No, It will further aggravate the problem of educated unemployment.

II. Yes, It creates complexes among employees and affects the work adversely.

III. No, This goes against the basic rights of the individuals.

IV. Yes, This will increase productivity.

Should people with educational qualification higher than the optimum requirements be debarred from seeking jobs?

- (a) Only I and III are strong
- (b) All are strong
- (c) Only II and IV are strong
- (d) Only III is strong
- (e) None of these

7. **Statement:** There is little that is surprising about India's recent refusal to allow Google to launch its street view service, which gives users a 360-degree view of public spaces. The proposal was rejected following objections raised by the Defense Minister.

Which of the following objection(s) may not be a probable reason(s) for the above step taken by the government?

I. The decision is said to have come in the backdrop of the terror attack on the Pathankot airbase, with investigators suspecting that terrorists used Google maps to study the topography of the targeted area.

II. The concerns of the defense organizations should be taken into consideration.

III. India's security and stability should be given prime importance.

IV. We in India are not mature enough to permit such exploratory things threatening national security. We have more enemies inside than outside.

(a) Only II and III

(b) All except III

(c) Only IV

(d) Only I and IV (e) None of these

Direction (8-12): Each of the questions below consists of a question and two statements numbered I and II given below it. You have to decide whether the data provided in the statements are sufficient to answer the question.

8. Six persons namely A, B, C, D, E and F teach one subject each, one after another viz., Reasoning, Quant, Banking, Computer, General awareness and English but not necessarily in the same order. Quant is not taught before Banking nor it is the last subject taught. Which subject is taught just after English?

I. The first subject to teach is English which is not be taught by either C or E. A, C and E are not available to teach the last subject.

II. Reasoning is taught by B just after Banking and just before Computer which is taught by D.

(a) If both the statements I and II taken together are not sufficient to answer the questions.

(b) If statement either I or II is sufficient to answer the question.

(c) If both the statements I and II taken together are sufficient to answer the questions.

(d) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.

(e) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.

9. Eight friends Sunil, Ravi, Jayant, Kapil, Naren, Shivam, Paresh and Lakshya are seated in a straight line facing north, but not necessarily in the same order.

Ravi sits second to right of Shivam. Shivam sits at one of the extreme ends of the line, then what is the position of Kapil?

I. Paresh is not an immediate neighbor of Naren and Jayant sit third to the left of Kapil.

II. Only two persons sit between Kapil and Sunil .

(a) If both the statements I and II taken together are not sufficient to answer the questions.

(b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.

(c) If statement either I or II is sufficient to answer the question.

(d) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.

(e) If both the statements I and II taken together are sufficient to answer the questions.

10. Eight friends A, B, C, D, E, F, G and H are sitting in a circle, but not necessarily in the same order. Four of them are facing outside and four of them are facing the centre. E faces outside. Both the immediate neighbours of E face the centre. H sits second to the right of E. B sits third to the left of E. How many people are seated between A and C (counting clockwise from A)?

I. G sits second to the left of A. B sits third to the right of H and D is not an immediate neighbor of B.

II. F is an immediate neighbor of D. C is an immediate neighbor of G.

(a) If both the statements I and II taken together are not sufficient to answer the questions.

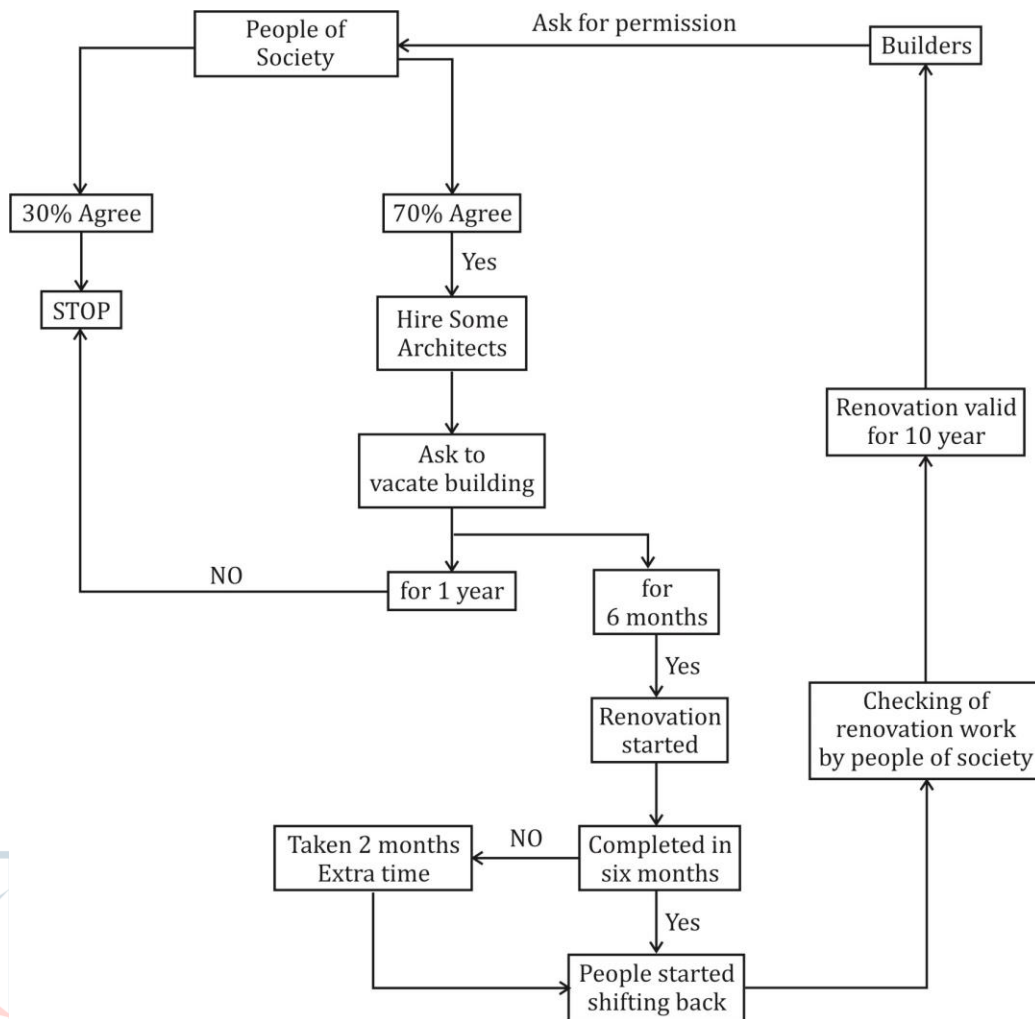
(b) If statement either I or II is sufficient to answer the question.

(c) If both the statements I and II taken together are sufficient to answer the questions.

(d) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.

- (e) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- 11.** Ten persons are sitting in two parallel rows containing five persons each in such a way that there is an equal distance between adjacent persons. In the first row, P, Q, R, S and T are seated and all of them are facing south. In the 2nd row, A, B, C, D and E are seated and all of them are facing north. Therefore, in the given seating arrangement, each member seated in a row faces another member of the other row. Who amongst the following are sitting exactly in the middle of the rows?
- I.** D sits third to the left of A. P faces an immediate neighbor of D. R sits second to the right of P and E sits immediate right of D.
- II.** Only one person sits between Q and S. B and E are immediate neighbours.
- (a) If statement either I or II is sufficient to answer the question.
 (b) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
 (c) If both the statements I and II taken together are not sufficient to answer the questions.
 (d) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.
 (e) If both the statements I and II taken together are sufficient to answer the questions.
- 12.** Six students P, Q, R, S T and V are the top six rankers of the class. No two persons got the same rank. The student who got the highest marks is given rank 1 and the student who got the least marks is given rank 6.who got the 6th rank?
- I.** Q got less marks than both R and U. P got more marks than T but less than S.
II. Q got the second least rank and U got the second highest rank, R got less marks than P.
- (a) If both the statements I and II taken together are not sufficient to answer the questions.
 (b) If statement either I or II is sufficient to answer the question.
 (c) If both the statements I and II taken together are sufficient to answer the questions.
 (d) If statements I is sufficient to answer the question, but statement II by itself is not sufficient to answer the question.
 (e) If statement II by itself is sufficient to answer the question, but statement I alone is not sufficient to answer the question.
- 13. Statement:** There are two construction companies namely X and Y for the construction of the central mall. Construction Company X has offering 24x7 Wi-Fi service, 24x7 power and water service, guarantee of each room for one year in the mall and even an insurance scheme. But the owner has provided sponsorship to Company Y.
 What is/are the reason(s) behind this decision of the owner?
- (i) Company has provided an insurance scheme of 10 years.
 (ii) Company has provided guarantee of one and half year for each room.
 (iii) Company Y has provided 24x7 power and water service at the same cost.
- (a) All of the above (b) Only (ii) and (iii)
 (c) Only (i) and (ii) (d) Only (ii) (e) None of these
- 14. Statement:** However, the market participants are eagerly waiting for a possible change in GDP growth forecast, inflation target for FY 17, along with the RBI's commentary on foreign exchange reserves as around \$30 billion of foreign currency non-resident bank deposits are maturing in September.
 In its April review, the RBI had slashed the repo rate, the rate at which banks borrow from the central bank, by 0.25 percent to 6.50 percent, to a more than five-year low. Since January 2015, the RBI has cut its repo rate by 150 basis points or 1.5 percent.
 Which of the following negates the above steps taken by the RBI?
- (a) The Consumer Price Index (CPI), which is closely watched by the RBI in order to set interest rate policy, jumped to 5.39 percent in April vs 4.83 percent in March.
 (b) Global Crude Prices hitting a 12-year low of below \$27 dollars a barrel in January 2016 made a strong case for rate cuts for RBI.
 (c) Loans and EMI will become cheaper for retail loans.
 (d) Rupee will strengthen against other currencies.
 (e) None of these.

Direction (15-17):



Builder X has decided to renovate sundervan society .So, different conditions are given in Data flow diagram. So after analyzing above DFD diagram you have to answer the given questions:

15. After /Before which step Builder should have taken legal permission from concerned authority for renovation work?
 - (a) After hiring required architects.
 - (b) Before asking people of society to vacate their house.
 - (c) After taking permission from people of society.
 - (d) After asking people of society to vacate their house.
 - (e) cannot be determined.
16. Which condition is sufficient to make sure that renovation work will be completed in 6 months?
 - (a) Concerned authority are regularly visiting to renovation site for cross check of work.
 - (b) Builders are planning to make renovation make valid for 15 years.
 - (c) Data insufficient.
 - (d) People of society have given ultimatum to builders to complete renovation in six months otherwise they will go on hunger strike.
 - (e) None of these.
17. Which step of renovation is logically missing in Data flow diagram?
 - (a) If only 30% people gets agree for renovation then Builders should again try to convince people.
 - (b) Builders should take legal permission from concerned authority for renovation.
 - (c) To complete renovation Builder should take 3-4 time duration slot.
 - (d) Before vacating house people should take suggestions from their relatives.
 - (e) None of these.
18. Study the following information carefully and answer the questions which follow
 A person X given an exam for the post of Branch manager in a Bank. Candidates must possess the following criteria. The candidate must—
 - (i) Not less than 35 years and not exceed 40 years as on 01.11.2015.
 - (ii) Have a Bachelor's Degree in any discipline with 65 per cent marks.

- (iii) Have a MBA in Banking and finance.
- (iv) Have experience of at least 4 years in a reputed bank as on 01.12.2016.
- (v) Relaxation in age of 3 year if candidate is a female.

Study the following information and give the correct sequence from which we can find the exact answer with minimum number of conditions?

- (A) As on 01.11.2016, X's age is 38 year old.
 - (B) X has a degree in Engineering and Technology with 72 per cent marks.
 - (C) Its definite information that X is a Female.
 - (D) X have Post graduation in MBA with Banking and finance stream.
 - (E) X is currently working in Axis bank from 15.07.2012.
- (a) BECAD (b) ABCDE (c) ABDEC
(d) ABECD (e) None of these.

Direction (19-21): Study the following information carefully and answer the questions which follow—

In a certain code language, some statements are coded as follow:

'Visual effects of colour' is coded as 'C11 F73 T86 K93'

'Visual for one's eye' is coded as 'T86 L23 N27 M18'

'Retinal detachment curtain effects' is coded as 'B15 K93 G14 S21'

'Areas for vision development' is coded as 'A10 H32 Y16 L23'.

19. Which among the following option can be used for getting the code of 'eye'?
- (i)L23 T86 Y16 H32 (ii)N27 M18 L23 A10
(iii)F73 M18 L23 G14 (iv)S21 B15 T86 N27 (v) None of these
(a) Only (i) and (ii) (b) only (ii) and (iii) (c) Only (iii) and (iv)
(d) Only (iv) and (v) (e) Only (ii) and (iv)
20. Which among the following option cannot be used for getting the code of 'development'?
- (a)H32 F73 G14 S21 (b)K93 H32 Y16 B15
(c)Y16 M18 C11 N27 (d)A10 B15 T86 S21 (e)None of these
21. If 'Retinal' can be coded as B15, then which among the following option can be used for getting the code of 'detachment'?
- (a)B15 G14 S21 H32 (b)L23 S21 B15 G14
(c)C11 G14 Y16 S21 (d)Y16 G14 N27 B15 (e)None of these

Direction (22-26): Study the following information to answer the given questions:

Seven persons namely P, Q, R, S, T, U, V not in the same order in a organization working as a AM(Assistant Manager), MG(Manager), DGM(Deputy General Manager), GM (General Manager), CGM (Chief General Manager), ED(Executive Director), CEO(Chief Executive Officer). And likes different cities namely Mumbai, Jaipur, Ranchi, Chandigarh, Agra, Patna, Bhopal not in same order.

NOTE: position has been increasing order of their experience. CEO is most experienced person and Assistant manager least experienced.

- R is junior to only two persons. S does not like Ranchi.
 - Person who likes Chandigarh is junior to T but not a least junior.
 - Person who likes Patna is senior to ED.
 - Person who likes Ranchi senior to U but junior to T.
 - T is junior to CGM but senior to V.
 - U junior to V and likes Agra.
 - Q is senior to T but not a most senior.
 - CGM does not like Bhopal.
 - V is junior to P but not to S.
 - CGM is senior to one who likes Jaipur
22. Which of the following post is preferred by T?
- (a) CEO (b) GM (c) AM
(d) ED (e) DGM
23. How many person sit between R and CEO?
- (a) Three (b) Five (c) Two
(d) One (e) None of these
24. If Q related to GM in the same way as T related to MG. Which of the following is P related to, following the same pattern?
- (a) CGM (b) DGM (c) AM
(d) CEO (e) None of these
25. ED is going which of the following city?
- (a) Mumbai (b) Agra (c) Ranchi
(d) Bhopal (e) Patna

26. Four of the following five are alike in a certain way and hence they form a group. Which one of the following does not belong to that group?
- (a) CEO (b) CGM (c) DGM
(d) ED (e) AM

Direction (27-31): In every question two rows are given and to find out the resultant of a particular row you need to follow the following steps: -

- Step 1: If an even number is followed by an odd (prime) number then the resultant will be the addition of both the numbers.
 Step 2: If an odd number is followed by a perfect square then the resultant will be the subtraction of the square number from the odd number.
 Step 3: If an odd number is followed by another odd number then the resultant will be the addition of both the numbers.
 Step 4: If an even number is followed by an odd (non-prime) number then the resultant will be the subtraction of the odd number from the even number.
 Step 5: If an odd number is followed by an even number then the resultant comes by multiplying the numbers.

27. 4 5 2
13 9 3

Find the sum of two rows
 (a) 18 (b) 25 (c) 11
 (d) 14 (e) None of the above

28. Find the resultant of second row if X is the resultant of first row.

11 9 7
17 X 3
 (a) 11 (b) 13 (c) 10
 (d) 9 (e) None of the above

29. If the sum of the resultants of two rows is 20. Then find the value of X.

18 15 6
8 3 X
 (a) 3 (b) 9 (c) 2
 (d) 5 (e) None of the above

30. Find the difference between the resultant of first and second row.

5 4 15
21 16 4
 (a) 25 (b) 20 (c) 10
 (d) 15 (e) None of the above

31. Find the sum of the resultant of two rows. If X is the resultant of second row.

X 5 16
43 36 2
 (a) 11 (b) 17 (c) 13
 (d) 15 (e) None of the above

32. Mohit is going in a company for the interview. For passing the interview, he has to clear three round i.e. written test, Group discussion and Physiological test, then only he will be eligible for the Job. In the first round of written test if he got 85% then only he will be eligible for the second and third round, otherwise he will not be selected. After passing in the first round, he can eligible for Group discussion and Physiological test rounds. It is compulsory to get 30 percent as mean percentage in the other two rounds. If he does not get that percentage, then he will be disqualified. Some other conditions are given for clearing all rounds.

- (A) Mohit is 25 year old on 01-02-2016 and he got 82% in written test.
 (B) Mohit has completed his graduation at the age of 22 years.
 (C) Mohit got 90% in written test and got 40 mean percent in both other rounds.
 (D) After completing his graduation, in the interview Mohit got 95% in written test also got 28 mean percent of Group discussion and Physiological test rounds.

If Mohit fulfills all these criteria then from which of the following point it can be concluded that he is not selected for the Job?

- (a) Only A (b) Only B (c) Only A and D
 (d) Only C (e) Only A, B and D

Direction (33-35): Study the following information carefully and answer the questions given below it:

Five family members P, Q, R, S and T are sitting in a row facing north. P is sitting third to the right of his daughter. Q is sitting next to R, whose husband is the brother of Q. P is sitting next to T. S is not sitting with P's son. S is sitting on the left end and the mother of S is R, who is the wife of P. Q is sitting on the right of R and S, Q and P are sitting together.

33. What is the position of son of R with respect to the father of S in the given seating arrangement?

- (a) Immediate left (b) immediate right (c) third to the right
 (d) Second to the left (e) none of these

34. How is the daughter of P related to Q among the family members?
 (a) Niece (b) Sister-in-law (c) Wife
 (d) Sister (e) none of these
35. If the position of Q and T are interchanged, then who among the following does sit immediate right of S's mother?
 (a) Brother of P (b) P (c) Son of P
 (d) R (e) Wife of P

Direction (36-37): In the following questions, the symbols \$, %, @, © and * are used with the following meaning as illustrated below.

'P%Q' means 'P is neither greater than nor smaller than Q'

'P\$Q' means 'P is neither smaller than nor equal to Q'

'P©Q' means 'P is neither greater than nor equal to Q'

'P*Q' means 'P is not greater than Q'

'P@Q' means 'P is not smaller than Q'

36. In which of the following expression does not lead to, 'P @ Q' and 'M © L' being definitely true?

(a) P @ R @ Q © M * N \$ L (b) P @ R @ Q % M © N © L
 (c) P © R @ Q % M * N * L (d) P @ R % Q * M % N © L (e) P % R @ Q % M © N © L

37. Which of the following symbols should be placed in the blank spaces respectively (in the same order from left to right) in order to complete the given expression in such a manner that makes the expression H © J \$ G and E @ F True?

F % G * E _ J \$ I % H

(a) * (b) © (c) @
 (d) \$ (e) %

38. The question given below consists of a statement, followed by three arguments numbered I, II and III. You have to decide which of the arguments is/are 'strong' (arguments) and which is/are 'weak' (arguments) and accordingly choose your answer from the alternatives given below each question.

Statement: Sociologists and political observers are of the opinion that making education qualification mandatory for election candidates would be discriminatory since that would naturally deprive citizens of India the right to represent their people. Institutional qualification, as they say, is different from political acumen and wisdom. In a country like India where about a quarter of 815 million eligible voters are illiterate, it would not be prudent to deny a politically aware and socially conscious individual the election ticket just because he/she doesn't have a minimum qualification.

Should "literacy" be the minimum criterion for becoming a voter in India?

Arguments:

I. No, Mere literacy is no guarantee of political maturity of an individual.

II. Yes, Illiterate people are less likely to make politically wiser decisions of voting for a right candidate or party.

III. No, Voting is the constitutional right of every citizen.

- (a) None is strong
 (b) Only I and II are strong
 (c) Only III is strong
 (d) Only II and III are strong
 (e) All are strong

39. **Statement:** Reinforcing its commitment to green initiatives, railways will explore its future course of action to prevent pollution. Issues related to environment like solid waste management, pollution control, water management and energy management will be discussed at a workshop on 'Environmental challenges before Indian Railways and solutions'.

I. Introduction of bio-fuel and solar energy in train operation.

II. Installation of rain water harvesting facilities at major stations.

III. Waste water recycling plant is also being planned in which recycled water will be used for washing and horticulture purpose.

IV. Initiatives such as LED light fittings to reduce power consumption and use of five percent bio-diesel in diesel locos.

V. Introduction of water audit to assess consumption and wastage at major stations.

Which of the following points will **strengthen** the decision taken by the Railways?

- (a) All of the above
 (b) All except I
 (c) All except I and V
 (d) All except V
 (e) None of these

Direction (40-42): Study the following information carefully and answer the given questions.

A word and number arrangement machine when given an input line of words and numbers rearranges them following a particular rule in each step. The following is an illustration of input and rearrangement.

Input: 23 56 price 59 terrific 72 unit situation 86 information

Step I : 88 informatioish 23 56 price 59 terrific 72 unit situation

Step II : pricish 74 88 informatioish 23 56 59 terrific unit situation

Step III: 57 situatioish pricish 74 88 informatioish 23 56 terrifiish unit

Step IV : terrifiish 58 57 situatioish pricish 74 88 informatioish 23 unit

Step V : 21 uniish terrifiish 58 57 situatioish pricish 74 88 informatioish

Step V is the last step of the above arrangement.

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

Input : 22 39 since 12 growth sector 76 future demand 25

40. Which step number would be the following output?

futurish 37 78 demanish 22 since 12 sector growth 25

- (a) Step IV (b) Step V (c) Step VI
(d) Step VII (e) There will be no such step

41. How many elements (words or numbers) are there between 'futurish' and '24' as they appear in the last step of the output?

- (a) One (b) Three (c) Four
(d) Five (e) None of these

42. What is sum of the numbers which is second from the right and fourth from the left in the third step?

- (a) 37 (b) 39 (c) 33
(d) 49 (e) None of these

43. **Statement:** The government is set to overhaul annual targets for public sector lenders, ending a focus on size that has long encouraged banks to inflate their loans and deposits at the year-end to hit growth objectives. Banking and government sources said that the new targets, to be discussed at meeting with top state bank officials, would focus on efficiency, with objectives set around return on assets, or return on equity, and controlling bad debts.

Which of the following points can be *inferred* from the given information?

- (a) Loans and deposits of the banks will go up.
(b) Some short term loans will be discouraged by the banks.
(c) Credit ratings of the banks will be boosted up.
(d) Financial stability of the banks will be lost.
(e) All can be inferred.

44. **Statement:** Google, which dominates much of life on the Internet, has been trying to expand beyond computers and telephones to living rooms, cars and bodies. It made its way a bit further into people's homes when it agreed to pay \$3.2 billion in cash for Nest Labs, which makes Internet-connected devices like thermostats and smoke alarms. But it has agreed that Nest's privacy policies are going to be well-respected. For Google, gaining visibility into people's habits beyond computers and phones — whether watching television using Chrome cast, taking a walk wearing Google Glass or managing their homes using Nest products — will provide a fuller picture of users.

Which of the following arguments would most *weaken* Nest's beliefs?

- (a) Google products can easily be integrated into Nest.
(b) Unlike many of Silicon Valley's most popular companies that make software that costs very little to build, Nest is capital-intensive because it builds hardware.
(c) To follow the terms and condition, Google make some changes in Nest's privacy policies.
(d) The deal between two companies has not yet closed.
(e) None of these.

45. **Statement:** By fixing a deadline of one year from the date of framing of charges for the completion of trial involving the members of parliament and legislative assemblies, the Supreme Court has once again intervened effectively to give some credibility to the idea of cleaning the polity. It gave a jolt to the political class by striking down a provision that protected sitting legislators from immediate disqualification on conviction.

Which of the following can be concluded from the above statement?

- (a) To implement the guidelines, the government must set up more speedy trial courts, which will help them deliver justice in time.
(b) The steps taken by the apex court will help choose the best people from their constituency and make the Indian democratic system free from criminalization.
(c) This will help in reducing the scourge of criminalization of politics.
(d) The latest order will help address this problem by empowering the trial court to refuse routine adjournments.
(e) None of these.