

SBI PO(MAIN) MODEL PAPER

No. Of Questions: 155

TIME: 3 Hours

Test – I : Reasoning & Computer Aptitudes

Directions (1-5): Study the following information and answer the question below:

Eight people – E, F, G, H, J, K, L and M are sitting around a circular table facing the centre. Each of them is of a different profession – Chartered Accountant, Columnist, Doctor, Engineer, Financial Analyst, Lawyer, Professor and Scientist but not necessarily in the same order. F is sitting second to the left of K. The Scientist is an immediate neighbor of K. There are only three people between the Scientist and E. Only one person sits between the Engineer and E. The Columnist is to the immediate right of the Engineer. M is second to the right of K. H is the Scientist. G and J are immediate neighbours of each other. Neither G nor J is an Engineer. The Financial Analyst is to the immediate left of F. The Lawyer is second to the right of the Columnist. The Professor is an immediate neighbour of the Engineer. G is second to the right of the Chartered Accountant.

- Who is sitting second to the right of E ?
(1) The Lawyer (2) G (3) The Engineer (4) F (5) K
- Who amongst the following is the Professor ?
(1) F (2) L (3) M (4) K (5) J
- Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which of the following **does not** belong to that group ?
(1) Lawyer – K (2) M – Doctor (3) J – Engineer (4) Financial Analyst – L
(5) Chartered Accountant – H
- What is the position of L with respect to the Scientist ?
(1) Third to the left (2) Second to the right (3) Second to the left (4) Third to the right
(5) Immediate right
- Which of the following statements is true according to the given arrangement ?
(1) The Lawyer is second to the left of the Doctor
(2) E is an immediate neighbour of the Financial Analyst
(3) H sits exactly between F and the Financial Analyst
(4) Only four people sit between the Columnist and F
(5) All of the given statement are true

Directions (6-10): In each of the questions below are given four statements followed by four conclusions numbered I, II, III, IV. You have to take the given variance to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements disregarding commonly known facts.

6. **Statements :** Some jeeps are trains.

All trains are buses.

Some boats are jeeps.

Some scooters are buses.

Conclusions: I. Some scooters are trains.

II. Atleast some boats are buses.

III. Some jeeps are scooters.

IV. All buses being trains is a possibility.

(1) None follows

(2) Only IV follows

(3) II and IV follow

(4) None of the above

7. **Statement :** All teachers are engineers.

All engineers are cooks.

Some cooks are merchants.

All merchants are poets.

Conclusion: I. There is a possibility that some cooks are teachers.

II. Atleast some merchants are engineers.

III. All cooks are engineers.

IV. Some cooks are poets.

(1) None follows

(2) Only I follows

(3) II and IV follows

(4) I and IV follow

(5) None of the above

8. **Statement :** Some tools are hammers.

Some hammers are nails.

All nails are screws.

All screws are nuts.

Conclusion : I. All nuts are screws is a possibility.

II. Atleast some nuts are tools.

III. Some hammers are screws.

IV. All nuts are nails.

(1) All follow

(2) Only I follows

(3) Only II follows

(4) I and III follow

(5) None of the above

9. **Statement :** All pens are bags.

All bags are glasses.

No glass is a spoon.

All spoons are books.

Conclusion : I. Some glasses are pens.

II. Some books are bags.

III. Atleast some spoons are pens.

IV. All bags being books is a possibility.

(1) Only I follows

(2) I, III and either II or IV follow

(3) Either II or IV follows

(4) All follow

(5) None of the above

10. **Statements:** All petals are flowers.

All thorns are flowers.

Some leaves are thorns.

Some stems are flowers.

Conclusion: I. There is a possibility that some petals are leaves.

II. All leaves are flowers.

III. Atleast some stems are petals.

IV. No petals is a leaf.

(1) None follows

(2) Only I follows

(3) II and either I or IV follow

(4) Only either I or IV follows

(5) None of the above

Directions (11-12) : Study the following information and answer the given questions.

- K is the brother of J. J is the mother of Y.
- Y is the sister of T. T is married to Q. S is the father of J.
- S has only one daughter. S is married to R.
- K is the brother of D. U is the father-in-law of D.

11. How is D related to Y ?

- (1) Cannot be determined (2) Mother (3) Uncle (4) Father
(5) Aunt

12. If U is the father of C, then how is D related to c ?

- (1) Cousin (2) Husband (3) Wife (4) Cannot be determined
(5) Brother

Directions (13-15) : In these questions, relationship between different elements is shown in the statements. The statements are followed by conclusions. Study the conclusions based on the given statements and select the appropriate answer.

Give answer:

- (1) If **only** conclusion II is true
(2) If **only** conclusion I is true
(3) If **both** conclusions I and II are true
(4) If **either** conclusion I or II is true
(5) If **neither** conclusion I nor II is true

13. **Statements :** $F < R \leq E \geq A > K; Y \geq E$

Conclusions : I. $A \geq F$ II. $R \leq K$

14. **Statements :** $B < R \leq E = A \geq D \geq S; D \geq C \leq J$

Conclusions : I. $D \geq B$ II. $E \geq S$

15. **Statements :** $A > B \geq C < D < E \leq F$

Conclusions : I. $C < F$ II. $A \geq E$

Directions (16-20) : Study the following information carefully to answer these questions:

A, B, C, D, E, F and G are members of a sports club and have liking for different games, viz. Carrom, Table Tennis, Badminton, Bridge, Hockey, Football and Lawn Tennis but not necessarily in the same order. Each one of them has a liking for different musical instruments, viz. Sitar, Guitar, Harmonium, Flute, Tabla, Banjo and Santoor, not necessarily in the same order.

B likes Carrom and Banjo. E likes to play Bridge but not Harmonium or Table. The one who plays Hockey plays Sitar. F plays Guitar but not Table Tennis or Lawn Tennis. A plays Badminton and Flute. The one who plays Lawn Tennis does not play Tabla. C plays Harmonium and G plays Hockey.

16. Who plays Santoor ?

- (1) D (2) A (3) E (4) D or E

(5) None of these

22. Input : 72 59 37 go for picnic 24 journey. How many steps will it take to complete the rearrangement ?

(1) Three

(2) Four

(3) Five

(4) Six

(5) None of these

23. Input : nice flower 34 12 costly height 41 56. Which of the following will be step III ?

(1) 12 nice 34 height flower costly 41 56

(2) 12 nice 34 height 41 flower costly 56

(3) 12 nice 34 flower costly height 41 56

(4) 12 nice flower 34 costly height 41 56

(5) None of the above

24. Step II of an input is : 16 victory 19 36 53 store lake town. Which of the following will be step V ?

(1) 16 victory 19 town store 36 53 lake

(2) 16 victory 19 town store 53 lake

(3) 16 victory 19 town 36 store 53 lake

(4) There will be no such step

(5) None of the above

25. Step III of an input is : 15 yes 29 ask for soap 42 37. Which of the following is definitely the input ?

(1) ask yes 29 15 for soap 42 37

(2) yes ask 15 29 for soap 42 37

(3) 29 15 yes ask for soap 42 37

(4) Cannot be determined

(5) None of the above

Directions (26-30) : Study the following information carefully and answer the given questions.

Ten people are sitting in two parallel rows containing five people each, in such a way that there is equal distance between adjacent persons. In row- 1, A, B, C, D and E are seated (not necessarily in the same order) and all of them are facing north. In row-2, L, M, N, O and P are seated (not necessarily in the same order) and all of them are facing south. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row.

B sits second to the right of D. The person facing B sits to the immediate left of N. L sits second to the right of N. Only two people sit between L and P. E is not an immediate neighbour of DE. O does not face E. C neither faces N nor sits at an extreme end of the line.

26. Which of the following statement is TRUE regarding O ?

(1) L sits to the immediate left of O.

(2) Only three persons sit between P and O.

(3) O sits exactly in the middle of the row.

(4) O faces one of the immediate neighbour of B.

(5) None of the given statement is true.

27. Who amongst the following is facing A ?

(1) L

(2) M

(3) O

(4) P

(5) M

28. Who amongst the following is facing M ?
- (1) E (2) A (3) D (4) B (5) C
29. Four of the following five are alike in a certain way based on the given arrangement and hence form a group. Which is the one that does not belong to the group ?
- (1) NO (2) CE (3) AB (4) PO (5) ML
30. What is the position of C with respect to B ?
- (1) Second to the left (2) Third to the left (3) Immediate left (4) Immediate right
- (5) Second to the right

Directions (31-35) : Study the following information and answer the questions given below it :

Seven members H, I, J, K, L, M, and N are working in different cities Ahmedabad, Bangalore, Chennai, Hyderabad, Kolkata, Delhi and Mumbai, not necessarily in the same order. Each one has a different mother tongue- Tamil, Kannada, Telugu, Hindi, Marathi, Punjabi and Bangla, not necessarily in the same order. J works in Bangalore and his mother tongue is not Tamil or Marathi. K's mother tongue is Punjabi and he works in Ahmedabad. L and M do not work in Chennai and none of them has Marathi mother tongue. I works in Hyderabad and his mother tongue is Telugu. The one who works in Delhi has Bangla mother tongue. N works in Mumbai and his Mother tongue is Hindi. L does not work in Kolkata.

31. What is J's mother tongue ?
- (1) Telugu (2) Hindi (3) Bangla (4) Kannada
- (5) None of these
32. Who works in Chennai ?
- (1) H (2) L (3) M (4) L or M
- (5) None of these
33. Which of the following combinations is correct ?
- (1) Marathi – I – Hyderabad (2) Tamil – M – Kolkata
- (3) Marathi – I – Chennai (4) Punjabi – K – Delhi
- (5) None of the above
34. Who works in Delhi ?
- (1) H (2) M (3) L (4) K
- (5) None of these
35. What is M's mother tongue ?
- (1) Bangla (2) Marathi (3) Telugu (4) Cannot be determined

- (5) None of these
- 36.** In the right setting a thief will steal your information by simply watching what you type?
- (1) snagging (2) spying (3) social engineering (4) shoulder surfing
- (5) None of these
- 37.** A is a small program embedded inside of a GIF image.
- (1) web bug (2) cookie (3) spyware application (4) spam
- (5) None of these
- 38.** A hacker contacts you my phone or email and attempts to acquire your password.
- (1) spoofing (2) phishing (3) spamming (4) bugging
- (5) None of these
- 39.** A hacker that changes or forges information in an electronic resources, is engaging in
- (1) denial of service (2) sniffing (3) terrorism (4) data diddling
- (5) None of these
- 40.** Hackers often gain entry to a network be pretending to be at a legitimate computer
- (1) spoofing (2) forging (3) IP spoofing (4) ID theft
- (5) None of these
- 41.** The of a threat measures its potential impact on a system.
- (1) vulnerabilities (2) countermeasures (3) degree of harm (4) susceptibility
- (5) None of these
- 42.** The power level drops below 120V
- (1) brownout (2) spike (3) blackout (4) surge
- (5) None of these
- 43.** Which of the following is NOT a Microsoft Internet tool or technology?
- (1) Dreamweaver (2) Silverlight (3) Internet Explorer (4) Expression Web
- (5) None of these
- 44.** A protocol used to control the secure sending of data on the internet is
- (1) SMTP (2) HTTPS (3) TCP/IP (4) HTTP
- (5) None of these

45. Programs from the same developer, sold bundled together, that provide better integration and share common features, toolbars and menus are known as.....

- (1) software suites (2) integrated software packages
 (3) software processing packages (4) personal information managers
 (5) None of these

Test – II: DATA ANALYSIS & INTERPRETATION

Directions (46-50): Study the table and answer the given questions.

Data related to number of employees in 5 different organizations in April 2013

Company	Total number of employees	Out of the total number of employees		
		Percentage of Science Graduates	Percentage of Commerce Graduates	Percentage of Arts Graduates
A	–	40%	30%	–
B	–	40%	–	25%
C	900	–	44%	35%
D	1300	48%	–	–
E	–	30%	–	50%

Note :

- I. Employees of the given companies can be categorized only in three types :
- II. Few values are missing in the table (indicated by –). A candidate is expected to calculate the missing value, if it is required to answer the given questions, on the basis of the given data and information.

46. The average number of Science graduate employees and Commerce graduate employees in Company A was 518. What is the number of employees in Company A ?

- (1) 1480 (2) 1520 (3) 1560 (4) 1580 (5) 1440

47. Total number of employees in Company E was 3 times the total number of employees in Company B. If the difference between number of Commerce graduate employees in Company E and that in Company B was 300, what was the total number of employees in company B ?

- (1) 2000 (2) 1500 (3) 1200 (4) 1880 (5) 1000

48. If the respective ratio between number of Arts graduate employees and Commerce graduate employees in Company D was 4:9, what was the number of Arts graduate employees in Company D ?

- (1) 236 (2) 232 (3) 208 (4) 224 (5) 216

49. Total number of employees in Company C increased by 40% from April, 2013 to April, 2014. If 50% of total number of employees in Company C in April, 2014 were Commerce graduates, what was the number of Commerce graduate employees in Company C in April, 2014 ?

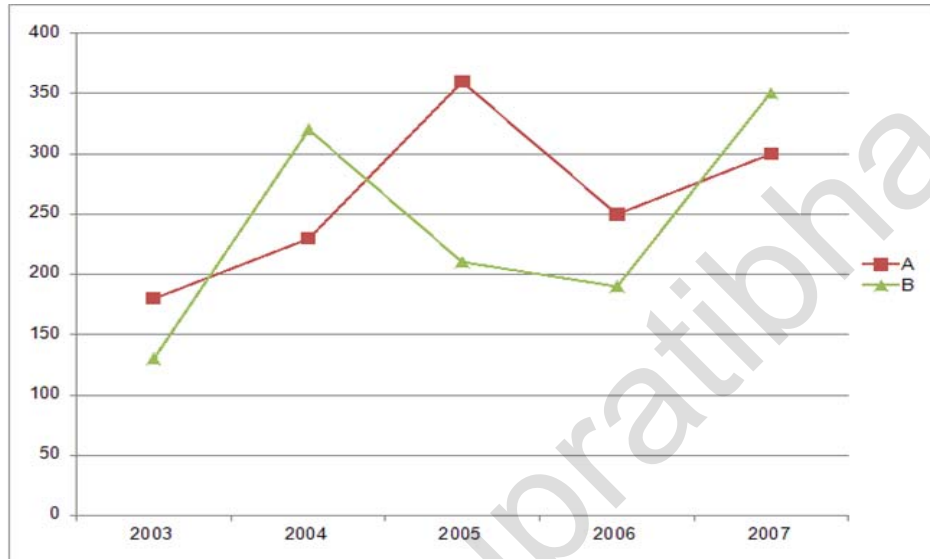
- (1) 650 (2) 630 (3) 590 (4) 570 (5) 510

50. What was the difference between number of Science graduate employees and Arts graduates employees in company C ?

- (1) 136 (2) 132 (3) 128 (4) 122 (5) 126

Directions (51-55) : Refer to the graph and answer the given questions:

Data related to number of projects handled by two companies (A and B) during 5 years



	2003	2004	2005	2006	2007
A	180	230	360	250	300
B	130	320	210	190	350

51. Out of total number of projects handled by company a in 2005 and 2006 together, 20% were governmental projects. What was the total number of governmental projects handled by company A in 2005 and 2006 together?

- (1) 108 (2) 132 (3) 128 (4) 116 (5) 122

52. The project handled by company can be broadly classified into two types: Governmental projects and Non-Governmental projects. If the average number of non-governmental projects handled by company B in 2003 and 2004 is 127, What is the total number of governmental projects handled by the same company in 2003 and 2004 together?

- (1) 204 (2) 188 (3) 192 (4) 196 (5) 212

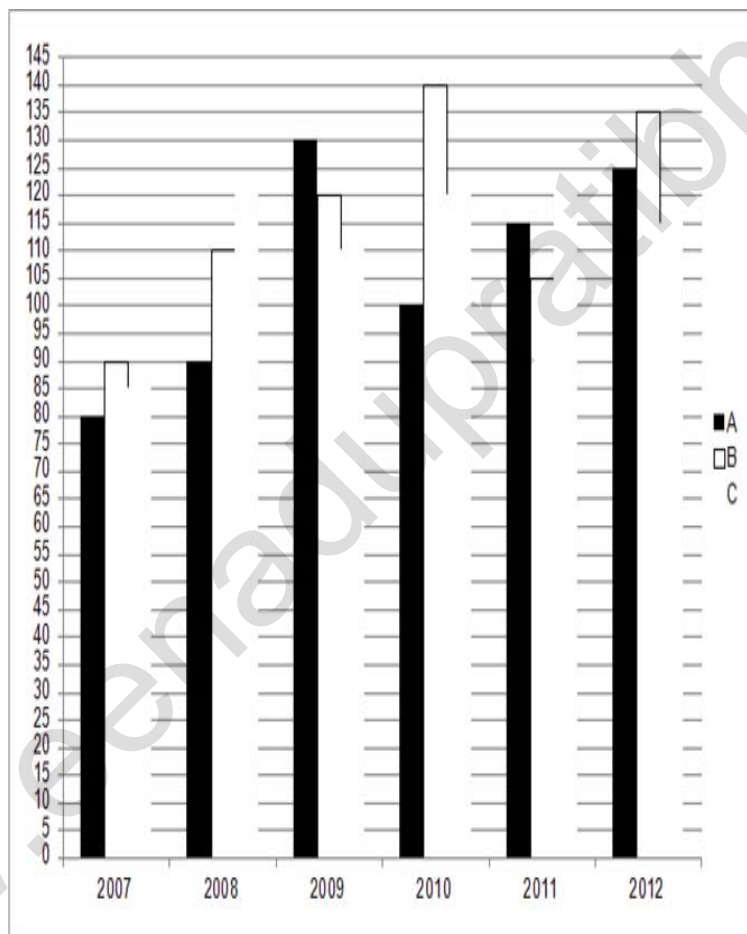
53. Number of projects handled by company B decreased by what percent from 2004 to 2006?

- (1) $33\frac{5}{8}\%$ (2) $30\frac{7}{8}\%$ (3) $50\frac{3}{8}\%$ (4) $45\frac{3}{8}\%$
 (5) $40\frac{5}{8}\%$

54. If the number of projects handled by company A increased by 20% from 2007 to 2008 and by 5% from 2008 to 2009, What was the number of projects handled by company A in 2009?
- (1) 378 (2) 372 (3) 384 (4) 396 (5) 368
55. What is the different between the total number of projects handled by company A in 2003 and 2004 together and total number of projects handled by company B in 2005 and 2007 together?
- (1) 120 (2) 150 (3) 130 (4) 180 (5) 170

Directions (56 – 60): Study the following graph and answer the given questions.

Profit earned by three companies over the years (In ₹ crores)



56. **Approximately,** What is the average profit earned by company B over the given years?
- (1) ₹ 107 cores (2) ₹ 132 cores (3) ₹ 120 cores (4) ₹ 146 cores
- (5) ₹ 97 cores
57. What is the ratio between total profit earned by all three companies in 2007 and 2011 respectively?
- (1) 3 : 4 (2) 2 : 3 (3) 4 : 5 (4) 5 : 3 (5) 4 : 7

64. In January 2013, 24% of the assistant professors in University E had 54 professors in December, 2012, What was the number of assistant professors in December 2012? (Note : No Associate professor was recruited and no assistant professor left University E in the same time.)

- (1) 150 (2) 50 (3) 126 (4) 100 (5) 75

65. What is the average number of Associate professors in University A, C and E?

- (1) 61 (2) 63 (3) 60 (4) 65 (5) 66

Directions (66-70) : These questions consist 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. Read both the statements and choose the appropriate option.

Give answer :

- (1) If the data in statement **I alone** are sufficient to question while the data in statement II are not sufficient to answer the question.
- (2) If the data in statement **II alone** are sufficient to question while the data in statement I are not sufficient to answer the question.
- (3) If the data **either** in statement I alone or Statement II alone are sufficient to answer the question.
- (4) If the data in **both** statements I and II together are **not** sufficient to answer the question.
- (5) If the data in **both** statements I and II are necessary to answer the question.

66. What is the curved surface area of the right circular cylinder?

- I. Area of the base of the cylinder is 154cm^2
- II. Volume of the cylinder is 1232 cm^2

67. What is the area of the circular field?

- I. Area of the largest square that can be increased in the given square field is 2450 cm^2
- II. Area of the smallest square in which the given circular field can be increased is 4900 cm^2

68. In how many days can 'B' alone complete the work?

- I. A, B, C, together can complete the work in $3\frac{9}{13}$ days, A and B together can complete the work in $4\frac{4}{5}$ days, B and C together can complete it in $6\frac{6}{7}$ days.

- II. A, B and C together can complete the piece of the work in $3\frac{9}{13}$ days. A and C together can complete the work in $5\frac{1}{3}$ days.

69. What was the initial Quantity of mixture of juice and water?

- I. Juice and water were in the ratio of 8 : 3 respectively in the mixture initially.

- II. When 11 liter of mixture is taken out and 6 litre of juice is added, the ratio between juice and water becomes 10 : 3 respectively .

70. How much money did Mr. Rajesh receive as retirement funds?

- I. Out of the total money received Mr. Rajesh invested 51% in various schemes , gave 35% of the total money received to his wife and remaining money he spent on miscellaneous items.
- II. Out of the total money received, Mr. Rajesh spent 5% on son's wedding and gave 35% to his wife Out of the remaining. He invested 28% in insurance polices, 22% in pension fund scheme, 35% in share market and remaining ₹ 4,50,000/- he spent on furnishing the house.

Directions (71-75) : These questions are based on the following data. Study it carefully and answer the questions that follow:

In school having 400 students boys and girls are in the ratio of 3 : 5 respectively. The students speak Hindi, English or both the languages. 12% of the boys speak only Hindi, 22% of the girls speak only English. 24% of the total students speak only Hindi and the number of boys speaking both the languages is six times the number of boys speaking only Hindi.

71. Total how many boys speak Hindi?

- (1) 18 (2) 126 (3) 108 (4) 26
(5) None of these

72. How many girls speak only Hindi?

- (1) 55 (2) 117 (3) 96 (4) 78
(5) None of these

73. Total how many students speak English?

- (1) 304 (2) 79 (3) 225 (4) 117
(5) None of these

74. Number of girls speaking only Hindi is what percent of the total number of students speaking only Hindi/

- (1) 38.2 (2) 71.8 (3) 31.2 (4) 78
(5) none of these

75. What is the respective ratio between the number of boys and girls speaking both the languages?

- (1) 23 : 25 (2) 12 : 25 (3) 12 : 13 (4) 25 : 13
(5) None of these

(5) None of these

79. In which of the following years was difference in number of people taking loan from bank P form the previous year the highest?

(1) 2008 (2) 2006 (3) 2007 (4) 2005

(5) none of these

80. **Approximately** what was the total number of defaulters of bank t in the years 2007 and 2008 together?

(1) 14110 (2) 13620 (3) 13250 (4) 14670

(5) 15330

Test III : General/ Economy/ Banking Awareness

81. Which of the following is an international Credit Rating Agency and was recently in news?

(1) UNDP (2) Standard & Poor's

(3) NCTAD (4) BNP Paribas

(5) Abbey National

82. For using safe deposit locker facilities, bank customers pay :

(1) commission on locker (2) interest on locker

(3) rent on locker (4) exchange on locker

(5) safe custody charges

83. Who among the following is known as the 'Father of Green Revolution' in India?

(1) Dr. M. S. Swaminathan (2) Dr. Amratya Sen

(3) Dr. Kurien Vergheese (4) Dr. Raja Ramanna

(5) Dr. Homi Bhabha

84. Which of the following is called a 'Cash Crop'?

(1) Wheat (2) Jowar (3) Paddy (4) Bajra

(5) Sugarcane

85. If a crossed cheque-is presented for payment

(1) Cash can be paid across the counter to the presenter

- (2) Cash can be paid across the counter to the account holder only
- (3) It can be paid only through a banker
- (4) It cannot be paid at all
- (5) It can be paid across the counter in another bank
- 86.** Which of the following organization/ agencies is specifically set up to boost overall rural development in India?
- (1) RBI (2) SIDBI (3) NABARD (4) SEBI
- (5) EXIM
- 87.** Banks in India are regulated under
- (1) Companies Act, 1956 (2) Banking Regulation Act, 1949
- (3) Reserve Bank of India Act, 1934 (4) Special powers conferred on the RBI
- (5) None of these
- 88.** Compilation of data on industrial production in India is done by which of the following agencies/ organizations?
- (1) National Testing Lab (2) Reserve Bank of India
- (3) Census Commission of India (4) Planning Commission of India
- (5) Central Statistics Office
- 89.** A Savings Bank Account opened with a commercial bank with zero balance or very minimal balance is known as :
- (1) Savings Bank – Ordinary Account (2) Students Savings Bank Account
- (3) No Frill Account (4) Current Account
- (5) Call Deposit
- 90.** What does the letter 'R' denote in the abbreviation 'BR Act' which controls banking activities in the country?
- (1) Reformation (2) Regulation (3) Reporting (4) Resolution
- (5) Ranking
- 91.** 'Base Rate' in banks is :
- (1) Rate of interest payable on demand deposits
- (2) Rate of interest payable on fixed deposits
- (3) Rate of interest charged by RBI on long term borrowings of Public Sector Banks

- (4) Minimum lending rate decided by RBI which shall be adopted by all Public Sector Banks
- (5) The minimum interest rate fixed by individual banks, below which they cannot lend funds, except cases like Govt. sponsored scheme.

92. Banking Sector will fall under which of the following?

- (1) Agricultural Sector
- (2) Service Sector
- (3) Manufacturing Sector
- (4) Industrial Sector
- (5) Small Scale Sector

93. A non-performing asset is

- (1) Money at call and short notice
- (2) An asset that ceases to generate income
- (3) Cash balance in till
- (4) Cash balance with RBI
- (5) Balance with other banks

94. A Saving Bank Deposit Account is one where :

- (1) The deposits are made only once in a year
- (2) Amounts are deposited and are withdrawn as per requirement of the customers
- (3) Periodical Fixed amount are deposited month-wise and withdrawal are allowed after a fixed period
- (4) The deposits are made once in every month
- (5) None of these

95. ASBA scheme is related to Purchase of :

- (1) IPO
- (2) P-Notes
- (3) CD
- (4) Traveller Cheques
- (5) None of these

96. Mobile banking requires :

- (1) account with a bank with mobile phone linked to interbank mobile payment service
- (2) account with mobile post office
- (3) account with bank along with mobile phone linked to international mobile payment service
- (4) account with bank and mobile phone linked to interstate mobile payment service
- (5) account with bank along with mobile phone linked to inter-district mobile payment service

97. In a bank the following are the usual types of deposit accounts :

- (1) Savings accounts, electricity accounts and insurance premium accounts
- (2) Fixed deposits, Post office savings bank accounts and current deposit accounts

- (3) Current accounts, savings bank accounts and term deposit accounts
- (4) Loan accounts, savings bank accounts and term deposit accounts
- (5) Current bill accounts and term deposit accounts
- 98.** When a bank dishonours a cheque :
- (1) it is called settlement of the cheque (2) it is called withdrawing of the cheque
- (3) it is called nullifying of the cheque (4) it is called truncating of the cheque
- (5) it is called return of the cheque unpaid
- 99.** The latest merger of bank with State Bank of India is :
- (1) State Bank of Hyderabad (2) State Bank of Indore
- (3) State Bank of Saurashtra (4) State Bank of Travancore
- (5) None of these
- 100.** The most powerful tool used by the Reserve Bank of India to control inflation is :
- (1) Raise interest rate (2) Reduce interest rates
- (3) Raise Currency Supply (4) Reduce Currency Supply
- (5) Raise interest rates and reduce currency supply
- 101.** 'Sub Prime Lending' which was the root cause for global meltdown in banks during 2008 means :
- (1) Bank finance for non-productive activities
- (2) Bank finance not properly disclosed in its Balance Sheet
- (3) Bank financed in violation to the directives of the Central Bank
- (4) Bank finance to fictitious entities
- (5) Bank finance who do not qualify for the best market interest rates
- 102.** Crossing of cheques makes them :
- (1) Invalid document
- (2) Ineligible to endorse to a person other than the payee
- (3) Remain the same in all respect, it is only a practice
- (4) Eligible for payment irrespective of sufficient balance in the account
- (5) Ineligible to get cash across the bank counter
- 103.** NEFT and RTGS in banking terminology speaks of :

- (1) Various deposit products
- (2) Various loan products
- (3) Electronic Payment Products within a bank
- (4) Electronic Fund Transfer from bank to bank
- (5) Cheque Truncation Process

104. The ownership of Public sector banks rests :

- (1) Wholly with Government of India
- (2) Jointly with Government of India and State Bank of India
- (3) Wholly with shareholders from the public
- (4) Jointly with Government of India and Reserve Bank of India
- (5) Jointly with Government of India and shareholders from the public

105. Which of the following is the currency of South Korea?

- (1) Yen
- (2) Kyat
- (3) Won
- (4) Rupee
- (5) Ringit

106. Non performing assets means

- (1) the assets have stopped giving losses to a bank
- (2) the assets have stopped giving capital to a bank
- (3) the assets have stopped giving income to a bank
- (4) the assets have stopped giving income and expenses to a bank
- (5) the assets have stopped giving expenses to a bank

107. EFT means :

- (1) Effective Funds Transfer
- (2) Efficient Funds Transfer
- (3) Easy Funds Transfer
- (4) Electronic Funds Transfer
- (5) Electric Funds Transfer

108. If a cheque is post dated :

- (1) bank on whom it is drawn will not honour the cheque before the date of the cheque
- (2) bank on whom it is drawn has to honour the cheque before and date of the cheque
- (3) bank on whom it is drawn has the option to honour the cheque before the date of the cheque or not
- (4) bank on whom it is drawn has to refer to RBI to honour the cheque before the date of the cheque

- (5) bank on whom it is drawn has to refer to the court to honour the cheque before the date of the cheque
- 109.** Bank branches which can undertake foreign exchange business directly are known as foreign exchange.
- (1) Authorized dealers (2) Foreign dealers
(3) Overseas branches (4) Approved dealers
(5) Exchange branches
- 110.** Insurance cover for bank deposits in our country is provided by
- (1) SBI (2) Govt. of India (3) GIC (4) LIC
(5) DICGC
- 111.** The Financial Literacy does not include which of the following?
- (1) How to invest the funds (2) How to use the limited funds carefully
(3) How to minimize the risks (4) How to reinvest the money earned
(5) None of these
- 112.** Many times we read a term DoT in various newspapers in connection of 2G Spectrum. What is its full form?
- (1) Department of Transport (2) Department of Training
(3) Department of Technology (4) Department of Tele services
(5) Department of Telecom
- 113.** 'Dinar' is the currency of which of the following countries?
- (1) Pakistan (2) Iran (3) Ghana (4) South Sudan
(5) Libya
- 114.** Loans of very small amounts given to low income groups is called
- (1) Cash credit (2) Micro credit
(3) Simple overdraft (4) No frills loans
(5) Rural credit
- 115.** Which of the following is the name of the currency of a country?
- (1) Mexico (2) Peru (3) Syria (4) Zambia
(5) Lira
- 116.** With which country, India signed three Memoranda of Understanding (MoU) in areas of drug trafficking, pulse trading and sports?

- (1) Mangolia (2) Kenya (3) Mozambique (4) Serbia
(5) Congo
- 117.** Name the bank that launched India's first full-fledged digital banking service for small-and medium enterprises?
- (1) ICICI (2) HDFC (3) Canara bank (4) Axis Bank
(5) Citi Bank
- 118.** The state that launched the second phase of Haritha Haram programme of government in the state is
- (1) AP (2) Tamilnadu (3) Telangana (4) UP
(5) MP
- 119.** Which state government has decided to conduct a 'Smart Pulse Survey' for collecting socio-economic data of 1.48 crore households in the state?
- (1) Telengana (2) AP (3) MP (4) UP
(5) Nagaland
- 120.** Indian artistic gymnast who was named a 'Gymnaste de Classe Mondaile' (World class gymnast) by the International Gymnastics Federation (FIG) is
- (1) Dipa Karmakar (2) P V sindhu (3) Meenakshi Mehtha
(4) Sumitra Mehta (5)None

TEST – IV: English Language

Directions (121-125): Read each sentence to find out whether there is any grammatical error or idiomatic error in it. If any, will be in one part of the sentence. The number of that part is the answer. If there is no error, the answer is (5). (Ignore errors of punctuation, if any).

- 121.** A time sheet diary is to be /(1) maintained by every actor, since /(2) producers constantly complain that they are /(3) forced shooting for late hours because actors come very late. /(4) No error (5)
- 122.** The actor, that was /(1) busy meeting and greeting people, /(2) made sure that this day became /(3) an extra special one for this day became /(3) an extra special one for his parents. /(4) NO error (5)
- 123.** Injected into the blood, /(1) tiny bubbles of gas can ease /(2) the passage of vital stroke drugs into the brain, /(3) helping in pervert in prevent damage to the grey matter. /(4) No error (5)
- 124.** Since universities have more /(1) space on their campuses, they /(2) have been asked to open fire detection control rooms /(3) as a mandatory measure. /(4) No error (5)
- 125.** The graceful folk dance had performed /(1) so beautiful by a dance group that nobody /(2) seemed to notice that /(3) the show was two-and-a-half hours ling! /(4) No error (5)

Directions (126-130) : Rearrange the following five sentences (A), (B), (C), (D) and (E) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- (A) A small wooden nest box is all it has taken to rekindle all the romance of bringing sparrows and other birds back into our cities and half them from fading into the past like a forgotten folktale.
- (B) There is something wrong with a city that remains unperturbed even as its birds desert it.
- (C) Thankfully, the situation is not as hopeless as it seems.
- (D) Much as we try to defend the seemingly irreversible modern life of these cities, we can't stop our hearts from crying when we realize that our rapidly degenerating urban eco-system isn't generous enough to let these delicate winged creatures build tiny little nests in its nooks and crannies, sit in solitude, and rear offspring.
- (E) And this desertion seems to be true with most metros, in India where house sparrows have almost become a thing of the past.

126. Which of the following should be the **SECOND** sentence after rearrangement ?

- (1) E (2) D (3) C (4) B (5) A

127. Which of the following should be the **FOURTH** sentence after rearrangement ?

- (1) E (2) D (3) C (4) B (5) A

128. Which of the following should be the **FIRST** sentence after rearrangement ?

- (1) A (2) B (3) C (4) D (5) E

129. Which of the following should be the **FIFTH(LAST)** sentence after rearrangement ?

- (1) A (2) B (3) C (4) D (5) E

130. Which of the following should be the **THIRD** sentence after rearrangement ?

- (1) A (2) B (3) C (4) D (5) E

Directions (131-135) : Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

131. their golden years of love and togetherness, the couple all their guests at their fiftieth wedding anniversary.

- (1) Celebrating, welcomed (2) Remembering asked
(3) Rejoicing, promised (4) Commemorating, brought
(5) Observing, greeted

- 132.** A new law has been passed stating that no actor would be allowed to shoot beyond twelve hours in a day and those who this norm would henceforth be for it.
- (1) followed, punished (2) accompanied, reprimanded
 (3) flouted, penalized (4) defied, applauded
 (5) obeyed, disciplined
- 133.** Since it does not have the To do anything beyond sending out notices, the corporation has now decided to take steps to attach movable properties such as cars so that people take the notices more
- (1) authority, appropriately (2) influence, justly
 (3) guts, sincerely (4) pressure, gravely
 (5) power, seriously
- 134.** We can feel morally..... When someone insults us-as long as we do not Upon those feelings by burning down houses.
- (1) challenged, stand (2) outraged, act
 (3) bound, build (4) obliged, think
 (5) violated, harp
- 135.** Human beings are biological; they need to be grounded in time and place or else they come
- (1) things, forward (2) souls, back
 (3) organisms, unhinged (4) features, undone
 (5) creatures, again

Directions (136-145) : In the following passage there are blanks, each of which has been numbered These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate words in each case.

When sound ...(136)... the world of cinema, mime made a gracious exit. ...(137)... then, it stood proudly as a performing art in itself, independent and ...(138)... In style, approach, treatment and performance not matched however, by ...(139)... acceptance. During the silent era, actors in silent films had to ...(140)... totally on mime as the only way of ...(141)... their emotions, expressions, incidents, events and interactions between and among characters. German Expressionist cinema, the acting of classic performers like Charlie Chaplin, Harold Lloyd and Buster Keaton used mime they had ...(142)... as part of their theatrical ...(143)... in their films with great effect. A French mime artist once said 'Mime is the poetry of silence.' But once talking ...(144)... entered the scenario, mime was ...(145)... ever used in films, even through a character introduced as a mime artist.

- 136.** (1) saw (2) became (3) featured (4) entered (5) came
- 137.** (1) Since (2) By (3) Until (4) From (5) So
- 138.** (1) dependent (2) unique (3) treacherous (4) single (5) fair

139. (1) opinion (2) judgment (3) popular (4) drama
(5) conclusion
140. (1) rely (2) depict (3) earn (4) portray (5) act
141. (1) stimulating (2) expressing (3) considering (4) mentioning
(5) designing
142. (1) qualified (2) bought (3) invested (4) worked
(5) learnt
143. (1) vision (2) distance (3) story (4) experience
(5) showings
144. (1) films (2) people (3) mimes (4) toys
(5) worlds
145. (1) then (2) thus (3) for (4) and
(5) hardly

Directions (146-155) : Read the following passages 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.

Agni v, India's most powerful long-range ballistic missile, has lived up to the hopes of its creators at the Defence Research and Development Organisation. In its **maiden** flight, the missile demonstrated that it could accurately lob a dummy warhead weighing slightly over one tone to a distance of over 5,000 km. India already has nuclear-capable missile that can reach all of Pakistan and Agni V is clearly intended to provide a similar **deterrent** capability with respect to China. More test flights will be necessary before the missile is inducted into the country's strategic arsenal. V.K. Saraswat, Scientific Adviser to the Defence Minister, has called the missile "a game-changer" that can perform different roles, from carrying multiple warheads to providing anti-satellite capability and even launching tiny satellite into orbit. Like its **progenitor**, Agni III, this missile has a two-metre diameter (as compared to the one-metre diameter of Agni I and II). Agni III and V are therefore the first Indian missiles that can potentially be equipped with several warheads each (known as Multiple Independently Targeted Re-entry Vehicles or MIRV) MIRVs, however, pose their own technological challenges, especially the need to considerably shrink the size and weight of nuclear warheads. Despite China's earlier start, its ballistic missiles are still thought to be equipped with single warheads, not MIRVs. This suggests that developing an operational MIRV capability is not easy and will take time for both countries. Which is just as well because mutual security – as the superpowers discovered during the Cold War – does not lie in going down that path.

Both China and Pakistan possess **formidable** nuclear-armed missiles of their own. The former is in the process of replacing its liquid-fueled ballistic missiles with more modern solid propellant ones. From bases in Qinghai and Yunnan provinces, these missiles can reach all of India. In addition, in 2004, China launched the first of its second-generation Type 094 Jin-class nuclear-powered submarines that will carry JL-2 solid-propellant ballistic missiles. Islamabad too has a number of long-range missiles in its armoury. An assessment carried out by an India strategic studies group found that Pakistan had a "credible deterrent structure" organized around the solid-propellant Shaheen-1 and Shaheen-2 missiles. However, for the purposes of deterrence also requires working

assiduously to remove sources of friction that can erupt into open conflict. It is also important that India and China start talking to each other on nuclear matters.

146. Which of the following is true about Agni V ?

- A. It is equipped with several MIRVs.
- B. It has the capability to reach all parts of China.
- C. It is India's most powerful long-range ballistic missile

- (1) Only A
- (2) Only C
- (3) Only A and B
- (4) Only B and C
- (5) All of the above

147. Why did the Scientific Adviser to the Defence Minister Call Agni V 'a game changer' ?

- (1) Because it can not be relied upon because of its multiplication.
- (2) Its design is based on a game very popular among kids.
- (3) It's name given to this missile by the Defence ministry.
- (4) Because it can perform many different roles
- (5) None of these

148. According to the passage, what kind of technological challenge Agni III and IV pose ?

- A. Their size and weight are unusually large.
- B. Older technology has been used in them.
- C. Their effect remains limited to a narrow range.

- (1) Only A
- (2) Only C
- (3) Only A and C
- (4) Only A and B
- (5) None of these

149. Qinghai and Yunnan provinces exist in :

- (1) India
- (2) China
- (3) Pakistan
- (4) U.S.A
- (5) Not mentioned in the passage

150. According to the passage Shaheen-1 and Shaheen-2 are :

- (1) liquid-fuelled ballistic missiles
- (2) Nuclear warheads
- (3) Solid propellant ballistic missiles
- (4) Rocket launchers
- (5) none of these

Directions (151-153) : Chose the word which is most nearly the same in meaning as the word printed in **bold** as used in the passage.

151. DETERRENT

- (1) Obstacle (2) Retaliating (3) Permission (4) Catalyst
(5) Encouragement

152. PROGENITOR

- (1) Ancestor (2) Priority (3) Founder (4) Earlier Model
(5) Creator

153. FORMIDABLE

- (1) Weak (2) Feeble (3) Pleasant (4) Most desirable
(5) Most powerful

Directions (154-155) : Choose the word which is most nearly the opposite in meaning as the word printed in bold as used in the passage.

154. ASSIDUOUSLY

- (1) truly (2) Industriously (3) Lazily (4) Dramatically
(5) Fundamentally

155. MAIDEN

- (1) First (2) Introductory (3) Last (4) United (5) Fatal

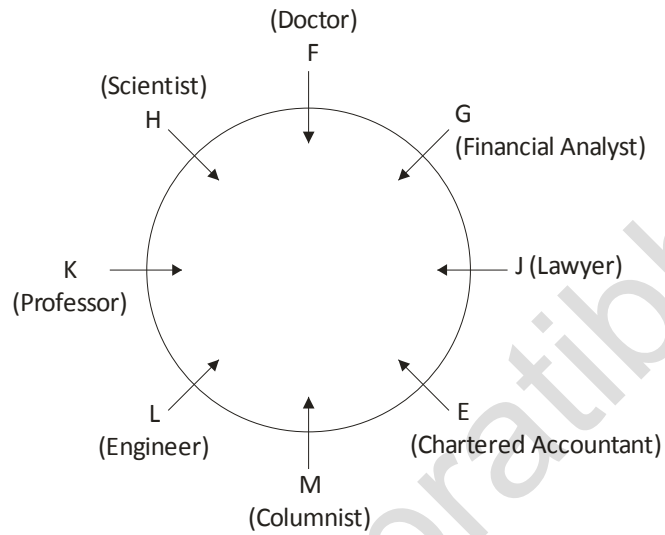
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ANSWER-KEY

ANSWER KEY							
1. (2)	21. (3)	41. (3)	61. (3)	81. (2)	101. (5)	121. (4)	141. (2)
2. (4)	22. (4)	42. (2)	62. (5)	82. (3)	102. (5)	122. (1)	142. (5)
3. (3)	23. (1)	43. (1)	63. (3)	83. (1)	103. (4)	123. (4)	143. (4)
4. (2)	24. (4)	44. (2)	64. (3)	84. (5)	104. (5)	124. (5)	144. (1)
5. (1)	25. (4)	45. (1)	65. (1)	85. (3)	105. (3)	125. (1)	145. (5)
6. (2)	26. (3)	46. (1)	66. (5)	86. (3)	106. (2)	126. (1)	146. (5)
7. (4)	27. (5)	47. (3)	67. (3)	87. (2)	107. (5)	127. (3)	147. (4)
8. (4)	28. (1)	48. (3)	68. (3)	88. (5)	108. (5)	128. (2)	148. (1)
9. (1)	29. (4)	49. (2)	69. (5)	89. (3)	109. (2)	129. (1)	149. (2)
10. (2)	30. (2)	50. (5)	70. (2)	90. (2)	110. (5)	130. (4)	150. (3)
11. (3)	31. (4)	51. (5)	71. (2)	91. (5)	111. (3)	131. (1)	151. (2)
12. (2)	32. (1)	52. (4)	72. (4)	92. (2)	112. (4)	132. (3)	152. (4)
13. (5)	33. (2)	53. (4)	73. (1)	93. (2)	113. (1)	133. (5)	153. (5)
14. (1)	34. (3)	54. (1)	74. (5)	94. (2)	114. (1)	134. (2)	154. (3)
15. (2)	35. (5)	55. (2)	75. (3)	95. (1)	115. (5)	135. (5)	155. (3)
16. (3)	36. (4)	56. (1)	76. (2)	96. (1)	116.(3)	136. (4)	
17. (1)	37. (1)	57. (1)	77. (1)	97. (3)	117.(2)	137. (3)	
18. (5)	38. (2)	58. (5)	78. (3)	98. (5)	118.(3)	138. (2)	
19. (4)	39. (4)	59. (5)	79. (1)	99. (2)	119.(2)	139. (3)	
20. (3)	40. (3)	60. (1)	80. (3)	100. (1)	120.(1)	140. (1)	

SOLUTIONS

Ans. (1-5) :



1. (2)

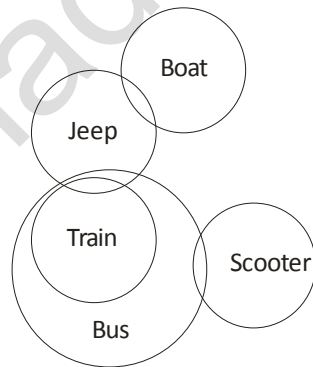
2. (4)

3. (3)

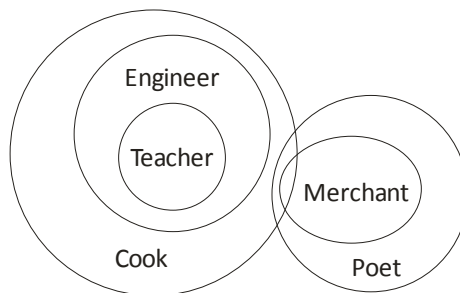
4. (2)

5. (1)

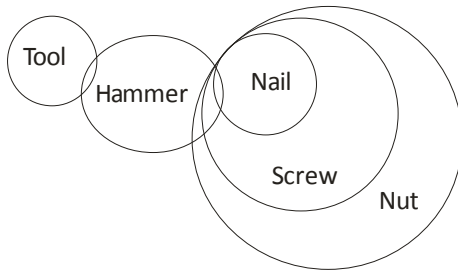
6. (2)



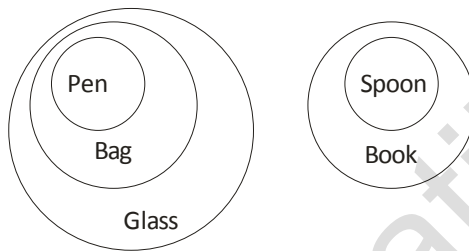
7. (4)



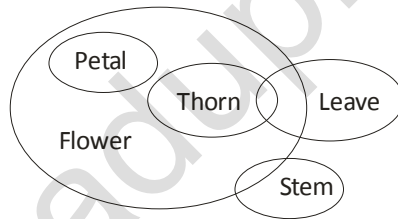
8. (4)



9. (1)

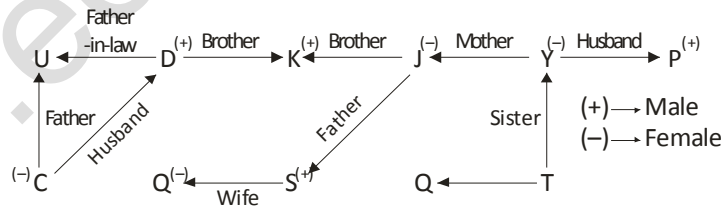


10. (2)



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Ans. (11-12) :



11. (3)

12. (2)

13. (5) $F < R \leq E \geq A > K ; Y \geq E$

$F < R \leq E \leq Y$

$Y \leq E > A > K$

Conclusions : I. $A \geq F \rightarrow$ False

II. $R \leq K \rightarrow$ False

14. (1) $B < R \leq E = A \geq D \geq S; D \geq C \leq J$

Conclusions : I. $D \geq B \rightarrow$ False

II. $E \geq S \rightarrow$ True

15. (2) $A > B \geq C < D < E \leq F$

Conclusions : I. $C < F \rightarrow$ True

II. $A \geq E \rightarrow$ False

Ans. (16-20) :

Member	Games	Musical Instruments
A	Badminton	Flute
B	Carrom	Banjo
C	Lawn Tennis	Harmonium
D	Table Tennis	Tabla
E	Bridge	Santoor
F	Football	Guitar
G	Hockey	Sitar

16. (3)

17. (1)

18. (5)

19. (4)

20. (3)

21. (3) **Step II** : 18 task bear cold disk 81 63 31

Step III : 18 task 31 bear cold disk 81 63

Step IV : 18 task 31 disk bear cols 81 63

Step V : 18 task 31 disk 63 bear cold 81

Step VI : 18 task 31 disk 63 cold bear 81

Step VII : 18 task 31 disk 63 cols 81 bear

22. (4) **Input** : 72 59 37 go for picnic 24 journey

Step I : 24 72 59 37 go for picnic journey

Step II : 24 picnic 72 59 37 go for journey

Step III : 24 picnic 37 72 59 go for journey

Step IV : 24 picnic 37 journey 72 59 go for

Step V : 24 picnic 37 journey 59 72 go for

Step VI : 24 picnic 37 journey 59 go 72 for

23. (1) **Input** : nice flower 34 12 costly height 41 56

Step I : 12 nice flower 34 costly height 41 56

Step II : 12 nice 34 flower costly height 41 56

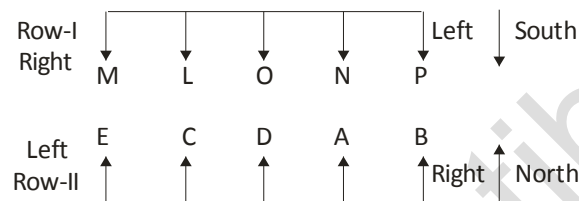
Step III : 12 nice 34 height flower costly 41 56

24. (4) Step II :16 victory 19 36 53 stoke lake town

Step III : 16 victory 19 town 36 53 stoke lake

Step IV : 16 victory 19 town 36 stoke 53 lake

Ans. (26-30) :



26. (3)

27. (5)

28. (1)

29. (4)

30. (2)

Ans. (31-35) :

Member	City	Mother Tongue
H	Chennai	Marathi
I	Hyderabad	Telugu
J	Bangalore	Kannada
K	Ahemdabad	Punjabi
L	Delhi	Bangla
M	Kolkata	Tamil
N	Mumbai	Hindi

31. (4)

32. (1)

33. (2)

34. (3)

35. (5)

46. (1) Let the total number of employees in company A = x

According to question,

$$\left[x \times \frac{40}{100} + x \times \frac{30}{100} \right] \times 2 = 518$$

$$\frac{70x}{100} = 1036$$

$$7x = 10360$$

$$x = 1480$$

47. (3) Let the number of employees in company B = x and the number of employees in company E = 3x according to question,

$$3x \times \frac{20}{100} \times \frac{35}{100} = 300$$

$$60x - 35x = 30000$$

$$x = 1200$$

48. (3) Total number of Arts and commerce graduate employees in company D = $1300 \times \frac{52}{100} = 676$

$$\text{Number of Arts graduate employees in company D} = 676 \times \frac{4}{13} = 208$$

49. (2) Total number of employees in company C in April 2014 = $900 \times \frac{1400}{100} = 1260$

$$\text{the number of commerce graduate employees in company C, in April 2014} = 1260 \times \frac{50}{100} = 630$$

50. (5) The number of science graduate employees in company C = $900 \times \frac{21}{100} = 189$

$$\text{The number of arts graduate employees in company C} = 900 \times \frac{35}{100} = 315$$

$$\text{Required difference} = 126$$

51. (5) Total number of government projects = $\frac{20}{100} (360 + 250) = \frac{610}{5} = 122$

52. (4) Total projects handled by company B in 2003 and 2004 = $130 + 320 = 450$

$$\text{Total number of non-government projects handled by company B in 2003 and 2004} = 127 \times 2 = 254$$

$$\therefore \text{Government projects} = 450 - 254 = 196$$

53. (4) Required decreased percentage = $\left(\frac{320 - 190}{320} \times 100 \right) \% = \left(\frac{130}{320} \times 100 \right) \% = 40 \frac{5}{8} \%$

54. (1) Number of projects handled by company A in 2007 = 300

$$\text{Number of projects handled by company A in 2008} = \frac{120}{100} \times 300 = 360$$

$$\text{Hence, number of projects handled by company A in 2009} = \frac{105}{100} \times 360 = 378$$

55. (2) Required difference = $(210 + 350) - (180 + 230) = 560 - 410 = 150$

56. (1) Profit earned by company B in all the years (T in crores) = $90 + 110 + 120 + 140 + 105 + 135 = 700$

$$\text{Average profit} = \frac{700}{6} = 116.67 \text{ crores}$$

57. (1) Profit earned by three companies in 2007 = $80 + 90 + 85 = 255$ crores

$$\text{Profit earned by three companies in 2011} = 115 + 105 + 120 = 340$$

$$\text{Required ratio} = 255 : 340 = 3 : 4$$

58. (5) Profit earned by all the three companies (in crores)

$$\text{In 2008} = 90 + 110 + 120 = 320$$

$$\text{In 2009} = 130 + 120 + 110 = 360$$

$$\text{In 2010} = 100 + 140 + 120 = 360$$

$$\text{In 2011} = 115 + 105 + 120 = 340$$

$$\text{In 2012} = 125 + 135 + 115 = 375$$

It is clear from above, the maximum profit earned by all three companies in 2012.

59. (5) Profit earned by company C in 2007 = 85 (crores)

$$\text{Profit earned by company C in 2011} = 120 \text{ (crores)}$$

$$\text{Increase percent} = \left(\frac{120 - 85}{85} \times 100 \right) \% = 41.17\%$$

60. (1) Profit earned by company A in 2011 = 115 (crores)

$$\text{Profit earned by company C in 2012} = 115 \text{ (crores)}$$

$$\text{Profit earned by company A in 2007} = 80 \text{ (crores)}$$

$$\text{Required percent} = \left(\frac{115 + 115}{80} \times 100 \right) \% = 287.5\%$$

Profit earned by company A in 2009 from 2008.

61. (3) In 2013, the total number of associate Professors in University B = $300 \times \frac{18}{100} = 54$

Let the number of male Associate Professors in University B = x

The number of female Associate Professors in University B = $54 - x$

According to question, $54 - x = 2x$

$$3x = 54$$

$$x = 18$$

Number of male Associate Professors = 18

62. (5) Let the number of Associate Professors merge from University B and D = x

Now , According to question, $\frac{54 + x}{48 + x} = \frac{8}{7}$

$$378 + 7x = 384 + 8x$$

$$x = 378 - 384$$

$$x = -6$$

Number of Associate Professors who merge from University B in 2014 = 6

63. (3) Required angle = $\frac{5}{100} \times 360 = 18^\circ$

64. (3) In 2013, total number of Assistant Professors in University E = $300 \times \frac{24}{100} = 72$

In 2012, total number of Assistant Professors in University E = $54 + 72 = 126$

65. (1) Required average = $\frac{\left[\left(300 \times \frac{15}{100} \right) + \left(300 \times \frac{22}{100} \right) + \left(300 \times \frac{24}{100} \right) \right]}{3} = \frac{45 + 66 + 72}{3} = \frac{183}{3} = 61$

66. (5) From statement I, $r^2 = 154$

$$\frac{22}{7} r^2 = 154$$

$$r = 7 \text{ cm}$$

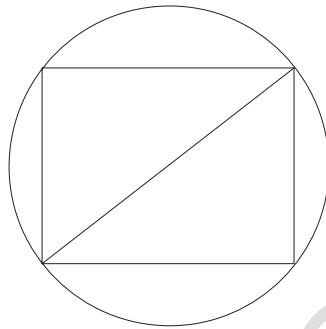
From statement II, $r^2 h = 1232$

$$h = \frac{1232}{54}$$

$$h = 8 \text{ cm}$$

$$\text{Curved surface area of the cylinder} = 2rh = 2 \frac{22}{7} 7 = 352 \text{ sq cm}$$

67. (3) From statement I,



Diagonal of square = Diameter of circle

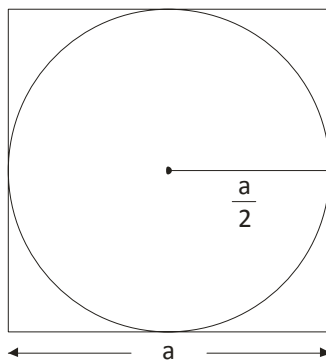
$$\text{Side of square} = \sqrt{2450} = 35 \text{ cm}$$

$$\text{Diagonal of square} = 35\sqrt{2} = 70 \text{ cm}$$

$$\text{Radius of circle} = \frac{70}{2} = 35 \text{ cm}$$

$$\text{Area of circle field} = \frac{22}{7} 35 35 = 3850 \text{ sq cm}$$

From statement II,



Let side of square = a cm

$$\text{Radius of the circle} = \frac{a}{2} \text{ cm}$$

$$a^2 = 4900$$

$$a = 70 \text{ cm}$$

$$\text{Area of circle field} = \pi \left(\frac{a}{2} \right)^2 = \frac{22}{7} \times 35 = 3850 \text{ sq cm}$$

68. (3) From statement I,

$$(A+B+C)'s \text{ 1 day's work} = \frac{13}{48}$$

$$(A+2B+C)'s \text{ 1 day's work} = \frac{5}{24} + \frac{7}{48} = \frac{10+7}{48} = \frac{17}{48}$$

$$B's \text{ 1 day's work} = \frac{17}{48} - \frac{13}{48} = \frac{4}{48} = \frac{1}{12}$$

Required time = 12 days

From statement II,

$$(A+B+C)'s \text{ 1 day's work} = \frac{13}{48}$$

$$(A+C)'s \text{ 1 day's work} = \frac{3}{16}$$

$$B's \text{ 1 day's work} = \frac{13}{48} - \frac{3}{16} = \frac{13-9}{48} = \frac{4}{48} = \frac{1}{12}$$

Required time = 12 days

69. (5) From statement I, Juice = 8x litre Water = 3x litre

From statement II,

$$\frac{8x - 11 \times \frac{8}{11} + 6}{3x - 11 \times \frac{3}{11}} = \frac{10}{3}$$

$$\frac{8x - 2}{3x - 3} = \frac{10}{3}$$

$$24x - 6 = 30x - 30$$

$$x = 4 \text{ litre}$$

$$\text{Initial quantity of mixture} = 11x = 11 \times 4 = 44 \text{ litre}$$

70. (2) From statement II,

Let the initial amount that Rajesh have = ₹ x

Amount spent on son's marriage and on wife = 40 %

$$\text{Remaining amount} = x \times \frac{60}{100} = \frac{3x}{5}$$

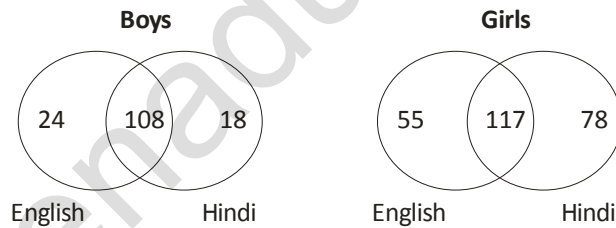
Amount spent from remaining amount = (28 + 22 + 35) = 85%

$$\text{Now, remaining amount} = \frac{3x}{5} \times \frac{15}{100} = \frac{9x}{100}$$

$$\text{According to statement, } \frac{9x}{100} = 450000$$

$$x = ₹ 50,00,000/-$$

Ans. (71-75) :



71. (2) : $108 + 18 = 126$

72. (4) 78

73. (1) $24 + 108 + 55 + 117 = 304$

74. (5) The total number of students speaking only Hindi = 96

The total number of girls speaking only Hindi = 78

$$\text{Required percentage} = \frac{78}{96} \times 100 = 81.25\%$$

75. (3) Required ratio = $108 : 117 = 12 : 13$

76. (2) Approximate defaulters from Bank S in 2006 = $\frac{29565 \times 21}{100} = 6208.65 = 6208$

77. (1) Defaulters from bank Q in year 2004 = $26345 \frac{9}{100} = 2371.05$

And defaulters from bank Q in year 2005 = $\frac{27456 \times 8}{100} = 2196.48$

So, difference = $2371 - 2196 = 175$

78. (3) Defaulters in 2004 = $25467 \frac{15}{100} = 3820$

Defaulters in 2005 = $32461 \frac{17}{100} = 5518$

Defaulters in 2006 = $32652 \frac{16}{100} = 5224$

Defaulters in 2007 = $32561 \frac{18}{100} = 5861$

Defaulters in 2008 = $25495 \frac{13}{100} = 3314$

Defaulters in 2009 = $27649 \frac{11}{100} = 3014$

Defaulters in 2010 = $28283 \frac{12}{100} = 3394$

79. (1) Difference in 2005 = $32081 - 2736 = 4720$

Difference in 2006 = $25361 - 32081 = -6720$

Difference in 2007 = $23654 - 25361 = -1707$

Difference in 2008 = $36125 - 23654 = 12471$

Difference in 2009 = $35465 - 36125 = -660$

Difference in 2010 = $34135 - 35465 = 1330$

80. (3) Total defaulters from bank T in year 2007 and in year 2008

= $\frac{36152 \times 19}{100} + \frac{35463 \times 18}{100} = 6868.88 + 6383.34 = 13252$

121. (4) "shooting" is replaced by "to shoot"

122. (1) "that" is replaced by "who"

123. (4) Delete the word "in" from the sentence

124. (5) No error

125. (1) "had" is replaced by "was"