2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

SBI CLERK SPECIAL PHASE - I - 288 (SOLUTION)

REASONING

(1-5):

Floor	Persons	Places
5	D	Udaipur
4	F	Nagpur
3	В	Prayagraj
2	С	Bopal
1	E	Raipur
0	A	Kota

(5)

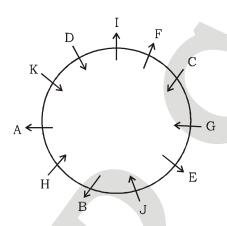
2. (1)

3. (2)

4. (5)

5. (4)

(6-10):



(5)

7. (5)

8. (5)

9. (3) 10. (5)

(11-12):

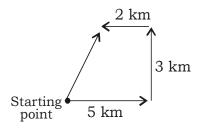
Family Tree

11. (5) Z

12. (1)

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

13.



14. (4) Given statements:

$$U \ge V \ge W = X$$

$$B > C = D > U$$

Combining all the statements

$$\mathsf{B} > \mathsf{C} = \mathsf{D} > \mathsf{U} \succeq \mathsf{V} \succeq \mathsf{W} = \mathsf{X}$$

I.
$$D \ge V \rightarrow True$$

II.
$$C \ge X \rightarrow True$$

III.
$$B > U \rightarrow True$$

Hence, all I, II and III are true.

15. (4) Given statements:

$$A > B = M$$

$$M \ge L$$

Combining all the statements,

$$A > B = M > L > S < V$$

I.
$$M > S \rightarrow True$$

II.
$$L \leq A \rightarrow False$$

III.
$$V > A \rightarrow False$$

Hence, only conclusion I is true.

16. (2) Given statements:

$$L > P \ge T = N$$

$$R = T < Q \le S$$

Combining both statements,

$$L > P \ge T = N = R = T < Q \le S$$

I.
$$L < Q \rightarrow False$$

II.
$$S > N \rightarrow True$$

III.
$$P \ge S \rightarrow False$$

Hence, only II is true.

17. (5) Given statements:

$$L = Q \ge R$$

$$M = N > P$$

$$P > V = Z < R$$

Combining all the statements,

$$M = N > P > V = Z < R \le Q = L$$

I.
$$M \ge R \rightarrow False$$

II.
$$V > Q \rightarrow False$$

III.
$$N < R \rightarrow False$$

Hence none is true.



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

18. (3) Given statements:

$$S < U = R \le N$$

$$S > J = W$$

Combining all the statements,

$$N \ge R = U > S > J = W \le X \le B$$

I. N > J
$$\rightarrow$$
 True

II.
$$B < S \rightarrow False$$

III.U > J
$$\rightarrow$$
 True

Hence, only I and III are true.

(19-23):

Input: 89 who root 19 46 near drink link gold 61 23 under 71 97

Step I: 19 89 who root 46 near link gold 61 23 under 71 97 drink

Step II: 23 19 89 who root 46 near link 61 under 71 97 drink gold

Step III: 46 23 19 89 who root near 61 under 71 97 drink gold link

Step IV: 61 46 23 19 89 who root under 71 97 drink gold link near

Step V : $71\ 61\ 46\ 23\ 19\ 89$ who under $97\ drink\ gold\ link\ near\ root$

Step VI: 89 71 61 46 23 19 who 97 drink gold link near root under

Step VII: 97 89 71 61 46 23 19 drink gold link near root under who

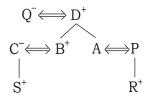
22. (3)

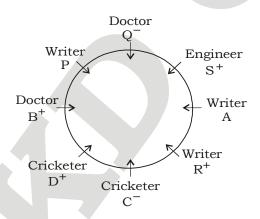
21. (2)

19. (3) **(24-28):**

Family Tree

20. (4)





24. (4)

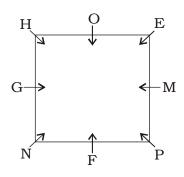
23. (5)

(29-33):



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

(34-35):



34. (3) 35. (4)

Maths

36. (4)
$$15.08\%$$
 of $560 \times 8.89\%$ of $350 = ?$

The following expression can written as:

$$15\%$$
 of $560 \times 9\%$ of 350
= $84 \times 31.5 = 2646 \approx 2650$

37. (3) 25% of 784 –
$$\sqrt{1023}$$
 + $\sqrt{1370}$ = ?

$$? = \frac{25}{100} \times 784 - \sqrt{1024} + \sqrt{1369}$$

$$? = 196 - 32 + 37$$

$$? = 201 \approx 200$$

38. (1)
$$34.13 \times 12.95 + 28.81 = ? + 68.83$$

$$34 \times 13 + 29 = ? + 69$$

$$442 + 29 - 69 = 402$$

39. (3)
$$17.95^2 - 14.08^2 + 20.89^2 - 9.09^2 = ?$$

$$18^2 - 14^2 + 21^2 - 9^2$$

$$324 - 196 + 441 - 81 = 488 \approx 490$$

40. (2)
$$13.99^2 \times 16.08^2 \div 7.92^2 - 24.98^2 = ?$$

$$= 14^2 \times 16^2 \div 8^2 - 25^2$$

$$= 196 \times 256 \div 64 - 625$$

$$= 196 \times 4 - 625$$

$$= 784 - 625 = 159 \approx 160$$

41. (1) **Quantity I:**

Let the number of days taken by Amit be x

Time taken by Arnav = 6x/5

Amit one day work = 1/x

Arnav one day work = 5/6x

$$1/x + 5/6x = 1/24$$

$$6 + 5/6x = 1/24$$

$$6x = 24 \times 11$$

$$x = 44 \text{ days}$$

Quantity
$$I = 44$$



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

Quantity II:

Total units of work = 600

Sourav one day work = 30 units

Rohit one day work = 24 units

Sumit one day work = 20 units

Work done by them in 4 days = $74 \times 4 = 296$ units

Remaining units of work = 600 - 296 = 304 units

Units of work done by Rohit with $\frac{3}{4}$ efficiency= 24 × $\frac{3}{4}$ = 18 units

Units of work done by Sumit with $\frac{3}{4}$ efficiency = $20 \times \frac{3}{4}$ = 15 units Time required to

complete the remaining work = $\frac{304}{33}$

Total time required = 4 + $\frac{304}{33}$ = $\frac{436}{33}$ days

42. (3) **Quantity I:**

Let the present age of Soumen be x

Present age of Ankit = x + 12

So,

$$x + \frac{10}{x} + 12 + 10 = \frac{2}{3}$$

$$x + \frac{10}{x} + 22 = \frac{2}{3}$$

$$3x + 30 = 2x + 44$$

$$x = 14$$

Age of Ankit after 4 years = 14 + 12 + 4 = 30 years

Quantity II:

Present age of Ankit = 21 - 5 = 16 years

Age of Priyanka = $16 \times \frac{5}{4}$ = 20 years

Age of Madhu = $2.0 \times 2 = 40$ years

43. (3) **Quantity I:**

Difference in percentage of votes received by A and B = 48 - 30 = 18%

Total number of votes polled = $720 \times \frac{100}{18} = 4000$

Quantity II:

Total number of votes received by A and B = $630 \times \frac{12}{2} = 3780$

Total number of votes polled = $3780 \times \frac{100}{90} = 4200$ votes



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

44. (1) **Quantity I:**

Let the actual selling price be Rs 100 So,

Selling price when sold at one-fourth less = $100 - 100 \times \frac{1}{4} = 75$

Cost price =
$$75 \times \frac{100}{110}$$
 = Rs 68.18

Selling price when sold at 20% more = $100 \times \frac{120}{100}$ = Rs 120

Profit percentage =
$$51.82 \times \frac{100}{68.18} = 76\%$$

Quantity II:

Selling price of half of the goods = 14000 $\times \frac{120}{100}$ = Rs 16800

Cost price of remaining 35% of the remaining goods = $14000 \times \frac{35}{100}$ = Rs 4900

Selling price of 35% goods = $4900 \times \frac{5}{4}$ = Rs 6125

Remaining cost price of the goods = 1400 - 4900 = Rs 9100

Selling price of remaining goods = $9100 \times \frac{110}{100}$ = Rs 10010

Total selling price of the goods = 16800 + 6125 + 10010 =Rs 32935 Profit = 32935 - 28000 = 4935

Profit percentage =
$$4935 \times \frac{100}{28000} = 17.625\%$$

45. (3) Let the ratio of numbers A and B be 4x and 5x

Value of A after increasing = $4x \times \frac{150}{100} = 6x + 5$

Value of B after increasing = $5x \times \frac{200}{100} = 10x + 4$

So,

$$\frac{6x + 5}{10x + 4} = \frac{2}{3}$$

$$18x + 15 = 20x + 8$$

$$2x = 7$$

$$x = 3.5$$

Original Value of $A = 4 \times 3.5 = 14$

Quantity II

Let the amount of milk be added be x

$$\frac{36}{27}$$
 + x = 2 : 3

$$108 = 54 + 2x$$

$$2x = 54$$

$$x = 27$$
 liters

46. (2) Let amount invested by Ramesh = Rs. X

Manoj =
$$20,000 \times 6$$

Ramesh =
$$12 \times X$$

Ratio of their earning =
$$120000 : 12 \times X$$

$$6000: (9000 - 6000) = 120000: 12 \times X$$

$$\frac{12000}{12x} = \frac{6000}{3000}$$

$$x = Rs. 5000$$

$$X = Rs. 5000$$

47. (2)
$$SP = 6500$$

$$Loss = 20\%$$

Hence,
$$0.8CP = 6500$$

$$CP = 8125$$

To gain a profit of 20%,

$$SP = 8125 \times 1.2 = Rs. 9750$$

48. (1) (A + B + C) can fill a tank in = 9 hours

(A + B + C) can fill in 1 hour =
$$\frac{1}{9}$$
 (1)

(A + B + C) can fill in 3 hours =
$$\frac{3}{9} = \frac{1}{3}$$

Remaining volume of tank =
$$1 - \frac{1}{3} = \frac{2}{3}$$

(A + B) can fill
$$\frac{2}{3}$$
 in = 12 hours

(A + B) can completely fill the tank in $12 \times \frac{3}{2} = 18$ hours

(A + B) can fill in 1 hour =
$$\frac{1}{18}$$
 (2)

From (2) - (1) we get,

C alone can fill in 1 hour

$$=\frac{1}{9}-\frac{1}{18}=\frac{2-1}{18}=\frac{1}{18}$$

:. C alone can fill the tank in = 18 hours

09555208888



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

49. (2) Let the total no. of employees be x.

According to the question, we can write,

$$x \times \left(\frac{70}{100}\right) \times \left(\frac{60}{100}\right) = 4200$$

$$x = \frac{420000}{42}$$

x = 10000.

- \therefore The total number of employees = 10000
- 50. (2) Weight of 17 boxes = $17 \times 92 = 1564 \text{ kg}$

Since, If 18 new boxes are added, the new average increases by 3 kg. Therefore,

Total weight of (18 + 17) = 35 boxes = $35 \times (92 + 3) = 3325$ kg

Weight of 18 boxes = 3325 - 1564 = 1761 kg

The required average weight of 18 boxes = $\frac{1761}{18}$ = 97.8 kg

Hence, option B is correct.

$$6.5 + 4.6 = 11.1$$

$$11.1 + 9.2 = 20.3$$

$$20.3 + 18.4 = 38.7$$

52. (1)
$$19 + 21 = 40$$

$$82 + 63 = 145$$

$$229 + 105 = 334$$

54. (4)
$$11664 \div 12 = 972$$

$$972 \div 9 = 108$$

$$18 \div 3 = 6$$

55. (2)
$$43.5 \times 4 = 174$$

$$174 \times 3 = 522$$

$$522 \times 2 = 1044$$

$$1044 \times 1 = 1044$$

56. (3) Given, Ram is twice as fast as Aman and Aman is thrice as fast as Rohit in doing a work.

Let the number of days in which Rohit can finish the work be 'a' days.

Number of days in which Aman finishes the work = $\frac{a}{3}$

Number of days in which Ram finishes the work = $\frac{\left(\frac{a}{3}\right)}{2} = \frac{a}{6}$



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

In 1 day, Rohit finishes $\frac{1}{a}$ part, Aman finishes $\frac{3}{a}$ part and Ram finishes $\frac{6}{a}$ part of the work.

Given, working together they can finish the work in 10 days.

$$\frac{1}{a} + \frac{3}{a} + \frac{6}{a} = \frac{1}{10}$$

$$\frac{10}{a} = \frac{1}{10}$$

In 1 day, Aman and Rohit working together finish part of work = $\frac{1}{a} + \frac{3}{a} = \frac{4}{a} = \frac{1}{25}$

Number of days in which Aman and Rohit finish the work = 25 days

57. (4) Total quantity of liquid B in both mixtures = 30 liters

Let the quantity of liquid A in mixture X = x liters

Then, the quantity of liquid A in mixture Y = x + 15 liters

$$x + x + 15 + 30 = 50 + 35$$

$$2x = 40$$
; $x = 20$ liters

Quantity of liquid A in mixture X = 20 liters

Quantity of liquid A in mixture Y = 20 + 15 = 35 liters

Quantity of liquid B in mixture X = 35 - 20 = 15 liters

Quantity of liquid B in mixture Y = 15 liters

Required ratio = 35 + 20% of 20 : 15 + 20% of 15 = 35 + 4 : 15 + 3 = 39 : 18 = 13 : 6So option (d) is the correct answer.

58. (1) Let the work done by P, Q and R be x, y and z respectively

$$x + y + z = 1$$
(1)

$$x + y = \frac{21}{51}$$
(2)

$$y + z = \frac{35}{51}$$
(3)

We have three equations and three variables, x, y and z Adding equations (2) and (3),

$$X + 2y + z = \frac{21}{51} + \frac{35}{51}$$

$$x + 2y + z = \frac{56}{51}$$

Subtracting equation (1) from previous equation:

$$x + 2y + z - (x + y + z) = \frac{56}{51} - 1$$

$$y = \frac{\left(\frac{56}{51}\right)}{51} = \frac{5}{51}$$

$$\mathbf{x} = \frac{21}{51 - \mathbf{y}} = \frac{21}{51} - \frac{5}{51}$$

$$x = \frac{16}{51}$$

Amount to be paid to P = $\frac{16}{51} \times 1500 = 16 \times \frac{1500}{51} = \text{Rs. } 470.5$



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

59. (1) The number is x and the remainder is r.

> Since it leaves the same remainder r in each case, it is the H.C.F of 491 - r, 332 - r and 862 - r.

> By the property of natural numbers, any number dividing x and y also divides x + y and x -

Thus x divides 491 - 332 and x divides 862 - 491. Hence x divides 159 and 371. Hence x is the H.C.F of 159 and 371 which is 53.

The remainder r is the remainder of $\frac{332}{53}$ which is 14. 14 and 53 are co-prime numbers.

Hence their L.C.M is their product. L.C.M = $53 \times 14 = 742$.

60. (4) Number of red balls = x

Number of blue balls = x + 5

Number of grey balls = x + 7

Total number of balls in the bag = 3x + 12

The probability that both the balls are of same colour =
$$\frac{\binom{x}{2}C + \binom{x+5}{2}C + \binom{x+7}{2}C}{3x+12} = \frac{148}{435}$$

$$\frac{[x(x-1)+(x+5)(x+4)+(x+7)(x+6)]}{(3x+12)(3x+11)} = \frac{148}{435}$$

$$\frac{x^2 - x + x^2 + 9x + 20 + x^2 + 13x + 42}{9x^2 + 69x + 132} = \frac{148}{435}$$

$$\frac{3x^2 + 21x + 62}{9x^2 + 69x + 132} = \frac{148}{435}$$

$$1305x^2 + 9135x + 26970 = 1332x^2 + 10212x + 19536$$

$$27x^2 + 1077x - 7434 = 0$$

$$9x^2 + 359x - 2478 = 0$$

$$9x^2 + 413x - 54x - 2478 = 0$$

$$x(9x + 413) - 6(9x + 413) = 0$$

$$(x - 6) (9x + 413) = 0$$

$$x = 6, -\frac{413}{9}$$

Value of x can't be negative.

So,
$$x = 6$$

So, the total number of balls in the bag = 6 + 11 + 13 = 30 balls

61. (4) Let the marks scored by Ajay in Physics, Chemistry and Mathematics be '10x', '9x' and '18x' respectively.

Total marks scored by Ajay = 10x + 9x + 18x = 37x = 296

$$x = \frac{296}{37} = 8$$

$$37x = 296$$

So, the marks scored by Ajay in Physics, Chemistry and Mathematics are 80, 72 and 144 respectively

Marks scored by Vinayak in Physics = 80

Marks scored by Vinayak in Mathematics = $1.75 \times 80 = 140$



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

Let the maximum marks of Physics be 'y'

So, the maximum marks of Chemistry be 1.20 xy = 1.2 y

Maximum marks of Mathematics = $1.50 \times 1.2y = 1.8y$

Marks scored by Ajay in Mathematics = $0.80 \times 1.8y = 144$

$$1.44y = 144$$

$$y = \frac{144}{144} = 100$$

So, the maximum marks of Physics, Chemistry and Maths are 100, 120, and 180 respectively

So, the total maximum marks of the examination = 100 + 120 + 180 = 400

Let, the marks scored by Prashant in physics, chemistry and Mathematics be '5z', '6z' and '9z' respectively

So, total marks scored by Prashant = $5z + 6z + 9z = 0.70 \times 400 = 280$

$$20z = 280$$
; $z = 14$

So, the marks scored by Prashant in physics, chemistry and Mathematics are 70, 84 and 126 respectively

Marks obtained by Deepak in Chemistry = $\frac{110}{1.25}$ = 88

Marks obtained by Vinayak in Chemistry = $\frac{8}{9} \times 72 = 64$

	Physics (100)	Chemistry (120)	Mathematics (180)	Total (400)
Deepak	64	88	125	277
Vinayak	80	64	140	284
Prashant	70	84	126	280
Rajesh	84	110	110	304
Ajay	80	72	144	296

So, the maximum marks in 3 subjects combined = 100 + 120 + 180 = 400So option (d) is the correct answer.

62. (3) Required average =
$$\frac{125+140+126+110+144}{5} = \frac{645}{5} = 129$$

63. (4) Required percentage =
$$\frac{140-80}{80} \times 100 = \frac{600}{8} \% = 75\%$$

64. (3) Required percentage of marks obtained by Rajesh =
$$\frac{304}{400} \times 100 = 76\%$$

65. (5) Required difference =
$$284 - 277 = 7$$

66. (2) Required ratio =
$$\frac{\frac{325}{250}}{\frac{550}{375}} = \frac{325 \times 375}{250 \times 550} = 39:44$$



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

(2) Number of consumers in $2016 = \frac{220}{100} \times 225 = 495$ thousand 67.

Electricity consumption = 550 Lacs

550×100000 Electricity consumption per consumer = $\frac{3333333}{495 \times 1000}$ = 111 units per consumer

 $\frac{550 \times 100000}{375000}$ 2015 : Electricity consumption per consumer = ≈ 147 units per consumer

Hence, the Impact is reduction of 36 units per consumer

68. (4) Total consumer all over the year = 225 + 250 + 300 + 350 + 375 = 1500 thousand

Desired value = $\frac{325 \times 100000}{1500000}$ = 21.5 times approx

69. (1) Total units in 2011 and 2013 = 650 Lacs

Total units in 2012 and 2014 = 900 Lacs

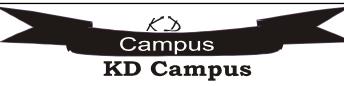
Desired value = $\frac{250}{900} \times 100 \approx 28\%$ approx

(2) It is clear from the graph that unit consumption is highest in 2014 while consumers-70. electricity units difference is maximum as well. Hence, Ratio of unit consumption to the number of consumers is maximum in 2014.

ENGLISH LANGUAGE

(81-85):

- 81. (1) Change 'unfortunate' with 'unfortunately'.
- 82. (5) No error
- 83. (3) Put 'that' before 'comes'.
- (3) Change 'himself' with 'him'. 84.
- 85. (4) Change 'following' with 'followed by'.



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

\blacksquare VOCABULARIES \equiv

Word	Meaning in English	Meaning in Hindi
Province	a principal administrative division of certain countries	प्रांत
	or empires	
Bigwigs	an important person, usually in a particular sphere.	अहम शख्स
	Also called big wheel	
Rehearsing	practice (a play, piece of music, or other work) for	अभ्यास
	later public performance	
Reclined	lean or lie back in a relaxed position with the back	झुकना
	supported	
Sustained	continuing for an extended period or without interruption	निरंतर
Retreated	(of an army) withdraw from enemy forces as a result of	पीछे हटना
	their superior power or after a defeat	
Fevered	having or showing the symptoms associated with a	उत्तेजित
	dangerously high temperature	
Explicit	stated clearly and in detail, leaving no room for confusion	स्पष्ट
	or doubt.	
Bidding	the offering of particular prices for something, especially	बोली लगाना
	at an auction	
Repulsing	drive back (an attack or attacking enemy) by force	प्रतिशोध करना
Destruction	the action or process of causing so much damage to	विनाश
	something that it no longer exists or cannot be repaired	
Explosion	a violent and destructive shattering or blowing apart of	विस्फोट
	something, as is caused by a bomb	
Manifest	clear or obvious to the eye or mind	प्रकट
Affluence	the state of having a great deal of money; wealth	समृद्धि
Tatters	irregularly torn pieces of cloth, paper, or other material	फटे कपड़े
Pebbles	a small stone made smooth and round by the action of	कंकड <u>़</u>
	water or sand	
Flabbergasted	thunderstruck	स्तंभित
Denounced	publicly declare to be wrong or evil	आरोप लगा देना



2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

SBI CLERK SPECIAL PHASE - I - 288 (ANSWER KEY)

(5)	26.	(5)	51.	(4)	76.	(3)
(1)	27.	(4)	52.	(1)	77 .	(3)
(2)	28.	(3)	53.	(4)	78.	(2)
(5)	29.	(3)	54.	(4)	79.	(4)
(4)	30.	(2)	55.	(2)	80.	(1)
(5)	31.	(2)	56.	(3)	81.	(1)
(5)	32.	(3)	57.	(4)	82.	(5)
(5)	33.	(3)	58.	(1)	83.	(2)
(3)	34.	(3)	59.	(1)	84.	(3)
(5)	35.	(4)	60.	(4)	85.	(4)
(5)	36.	(4)	61.	(4)	86.	(3)
(1)	37.	(3)	62.	(3)	87.	(5)
(3)	38.	(1)	63.	(4)	88.	(2)
(4)	39.	(3)	64.	(3)	89.	(4)
(4)	40.	(2)	65 .	(5)	90.	(1)
(2)	41.	(1)	66.	(2)	91.	(4)
(5)	42.	(3)	67.	(2)	92.	(2)
(3)	43.	(3)	68.	(2)	93.	(1)
(3)	44.	(1)	69.	(4)	94.	(3)
(4)	45.	(3)	70 .	(1)	95.	(5)
(2)	46.	(2)	71.	(2)	96.	(3)
(3)	47.	(2)	72 .	(5)	97.	(2)
(5)	48.	(1)	73.	(3)	98.	(1)
(4)	49.	(2)	74.	(4)	99.	(4)
	(1) (2) (5) (4) (5) (5) (5) (5) (1) (3) (4) (4) (2) (5) (3) (3) (4) (2) (3) (5)	(1) 27. (2) 28. (5) 29. (4) 30. (5) 31. (5) 32. (5) 33. (3) 34. (5) 36. (1) 37. (3) 38. (4) 39. (4) 40. (2) 41. (5) 42. (3) 43. (4) 45. (2) 46. (3) 47. (5) 48.	(1) 27. (4) (2) 28. (3) (5) 29. (3) (4) 30. (2) (5) 31. (2) (5) 32. (3) (5) 33. (3) (3) 34. (3) (5) 36. (4) (1) 37. (3) (3) 38. (1) (4) 39. (3) (4) 40. (2) (2) 41. (1) (4) 45. (3) (3) 44. (1) (4) 45. (3) (2) 46. (2) (3) 47. (2) (5) 48. (1)	(1) 27. (4) 52. (2) 28. (3) 53. (5) 29. (3) 54. (4) 30. (2) 55. (5) 31. (2) 56. (5) 32. (3) 57. (5) 33. (3) 58. (3) 34. (3) 59. (5) 35. (4) 60. (5) 36. (4) 61. (1) 37. (3) 62. (3) 38. (1) 63. (4) 39. (3) 64. (4) 40. (2) 65. (2) 41. (1) 66. (5) 42. (3) 67. (3) 43. (3) 68. (3) 44. (1) 69. (4) 45. (3) 70. (2) 46. (2) 71. (3) 47. (2) 72. (5) 48. (1) 73.	(1) 27. (4) 52. (1) (2) 28. (3) 53. (4) (5) 29. (3) 54. (4) (4) 30. (2) 55. (2) (5) 31. (2) 56. (3) (5) 32. (3) 57. (4) (5) 33. (3) 58. (1) (3) 34. (3) 59. (1) (5) 35. (4) 60. (4) (5) 36. (4) 61. (4) (1) 37. (3) 62. (3) (3) 38. (1) 63. (4) (4) 39. (3) 64. (3) (4) 40. (2) 65. (5) (2) 41. (1) 66. (2) (5) 42. (3) 67. (2) (3) 43. (3) 68. (2) (3) 44. (1) 69. (4) (4) 45. (3) 70. (1) (2) 46. (2) 71. (2) (3) 47. (2) 72. (5) (5) 48. (1) 73. (3)	(1) 27. (4) 52. (1) 77. (2) 28. (3) 53. (4) 78. (5) 29. (3) 54. (4) 79. (4) 30. (2) 55. (2) 80. (5) 31. (2) 56. (3) 81. (5) 32. (3) 57. (4) 82. (5) 33. (3) 58. (1) 83. (3) 34. (3) 59. (1) 84. (5) 35. (4) 60. (4) 85. (5) 36. (4) 61. (4) 86. (1) 37. (3) 62. (3) 87. (3) 38. (1) 63. (4) 88. (4) 39. (3) 64. (3) 89. (4) 40. (2) 65. (5) 90. (2) 41. (1) 66. (2) 91. (5) 42. (3) 67. (2) 92. (3) 43. (3) 68. (2) 93. (3) 44. (1) 69. (4) 94. (4) 45. (3) 70. (1) 95. (2) 46. (2) 71. (2)

50. (2)

25. (1)

75. (2)

100. (5)