

## BANK MOCK

### Answersheet

1	C	26	C	51	E	76	D
2	A	27	E	52	C	77	C
3	B	28	C	53	E	78	D
4	B	29	B	54	A	79	B
5	A	30	C	55	D	80	A
6	C	31	A	56	B	81	B
7	C	32	D	57	A	82	E
8	E	33	A	58	B	83	C
9	E	34	E	59	D	84	E
10	D	35	A	60	D	85	D
11	B	36	C	61	E	86	B
12	B	37	D	62	B	87	D
13	B	38	D	63	C	88	E
14	A	39	D	64	A	89	D
15	B	40	B	65	E	90	A
16	B	41	E	66	E	91	A
17	A	42	C	67	D	92	B
18	C	43	A	68	A	93	C
19	B	44	E	69	D	94	C
20	E	45	A	70	C	95	C
21	A	46	B	71	D	96	D
22	A	47	C	72	A	97	A
23	D	48	B	73	A	98	D
24	B	49	B	74	B	99	D
25	A	50	B	75	D	100	D

## Explanatory Solution

### English Language

- (c) has no
- (a) whole- heartedly
- (b) यहाँ due to lack of interest in better part of people का प्रयोग होगा यहा कारण झलकता है
- (b) यहाँ a booming (Adjective) business fuelled का प्रयोग होगा । Noun को qualify करने के लिए Adjective का प्रयोग किया जाता है।
- (a) SO, that ' शुद्ध correlative है अतः so much is the inflow of travelers that का प्रयोग होगा।
- (c) by making them aware of the linkages between water consumption for daily activities and the resource utilization and subsequent ecological destruction associated with it
- (C) Water is fairly recycled through groundwater restoration due to water-logging and surface water evaporation
- (e) the route to Conservation on water resources
- (e) the bureau should start with adopting measures which are simple to execute and production immediate results in reduction water wastage
- (d) only (B) and (C)

- (b) there is comparatively less serious water misuse in the domestic sector
- (b) गद्यांश में प्रयुक्त Staggering (Adjective) का अर्थ है: आश्चर्यजनक, चौकनेवाला (startling ; so great shocking or surprising that it is difficult to believe ; astounding)
- (b) गद्यांश में प्रयुक्त शब्द Conscious(Adjective) का अर्थ है: सचेतन, चेतन से अभिज्ञ, चैतन्या (aware of something, noticing something; mindful; deliberate)  
okD; ea i z; ks ns[k%  
He made a conscious effort to get there on time.  
She is very conscious of the problem involved.
- (a) गद्यांश में प्रयुक्त शब्द Tactical (Adjective) का अर्थ है: निपुण, कुशल, रणनीतिक (carefully planned in order to achieve a particular aim; strategic)
- (b) गद्यांश में प्रयुक्त शब्द inevitable(Adjective) का अर्थ है: अपरिहार्य, अनिवार्य, अवश्यभावी (unavoidable; something that is certain to happen)  
okD; ea i z; ks ns[k%  
It was an inevitable consequence of the decision.  
शब्द unforeseeable (Adjective) का अर्थ है : that you cannot predict or foresee.
- (b) D
- (a) A
- (c) C
- (b) A
- (e) E
- (a) whenever
- (a) why
- (d) ropes
- (b) waging
- (a) harping
- (c) difficult
- (e) siphoned
- (c) underlying
- (b) collusion
- (c) assert

### Quantitative Aptitude

- $? = \sqrt{8^2 \times (5)^2 - 175}$   
 $= \sqrt{(5 \times 5)^2 \times 7 - 175}$   
 $= \sqrt{11200 - 175} = \sqrt{11025} = 105$
- $(0.5^3)^3 \div (0.5^2)^2 \times (0.5)^2 = (0.5)^{? - 3}$   
 $\Rightarrow 0.5^9 \times 0.5^4 \times 0.5^2 = (0.5)^{? - 3}$   
 $\Rightarrow (0.5)^{9-4+2} = (0.5)^{? - 3}$   
 $\Rightarrow (0.5)^7 = (0.5)^{? - 3}$   
 $\Rightarrow ? - 3 = 7$   
 $\Rightarrow ? = 3 + 7 = 10$
- $\frac{800 \times 64.5}{100} + \frac{1500 \times 36.4}{100} = ?^2 + 38$   
 $\Rightarrow 516 + 546 = ?^2 + 38$   
 $\Rightarrow 1062 = ?^2 + 38$   
 $\Rightarrow ?^2 = 1062 - 38 = 1024$   
 $\Rightarrow ? = \sqrt{1024} = 32$
- $4 + \frac{5}{6} - 5 - \frac{5}{9} = ? - 2 - \frac{1}{3} + \frac{11}{18}$   
 $\Rightarrow ? = 4 - 5 + 2 + \left(\frac{5}{6} - \frac{5}{9} + \frac{1}{3} - \frac{11}{18}\right)$

$$= 1 + \left( \frac{15 - 10 + 6 - 11}{18} \right)$$

$$= 1 + 0 = 1$$

$$5. ? \approx (41)^2 + (8)^2 - (22)^2$$

$$= 1681 + 64 - 484 = 1261$$

$$\therefore \text{Required answer} = 1280$$

$$6. \frac{600 \times 40}{100} - 250 = ? - \frac{900 \times 800}{100}$$

$$\Rightarrow 240 - 260 \approx ? - 720$$

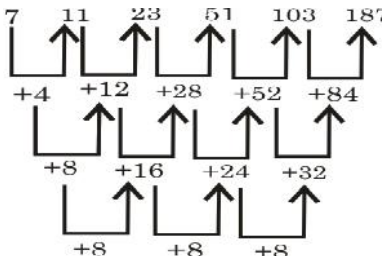
$$\Rightarrow ? = 720 + 240 - -250 = 710$$

$$\therefore \text{Required answer} = 700$$

$$7. ? = \frac{\sqrt{5378} \times \sqrt{3330}}{\sqrt{360}} = \frac{73 \times 58}{19} \approx 223$$

$$\therefore \text{Required answer} = 225$$

8. The pattern of the number series is :



9. The pattern of the number series is :

$$18 + 9 = 27$$

$$27 + (9 + 13) = 49$$

$$49 + (9 + 26) = 84$$

$$84 + (9 + 39) = 132$$

$$132 + (9 + 52) = 193$$

10. The pattern of the number series is :

$$33 + 10 = 43$$

$$43 + (10 + 12) = 65$$

$$65 + (10 + 24) = 99$$

$$99 + (10 + 36) = 145$$

$$145 + (10 + 48) = 203$$

11. The pattern of the number series is :

$$655 - 439 = 216 = 6^3$$

$$439 - 314 = 125 = 5^3$$

$$314 - 250 = 64 = 4^3$$

$$250 - 223 = 27 = 3^3$$

$$\therefore ? = 223 - 2^3 = 223 - 8 = 215$$

$$12. \text{ I. } \sqrt{289x} = -\sqrt{25}$$

Squaring both sides,

$$289x = 25$$

$$\Rightarrow x = \frac{25}{289}$$

$$\text{ II. } \sqrt{676y} = -10$$

Squaring both sides,

$$676y = 100$$

$$\Rightarrow y = \frac{100}{676}$$

Clearly,  $x < y$

$$13. \text{ I. } \frac{15+9}{\sqrt{x}} = 11\sqrt{x}$$

$$\Rightarrow 11\sqrt{x} \times \sqrt{x} = 24$$

$$\Rightarrow 11x = 24 \Rightarrow x = \frac{24}{11}$$

$$\text{ II. } \frac{\sqrt{y}}{4} + \frac{5\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$$

$$\Rightarrow \frac{3\sqrt{y} + 5\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$$

$$\Rightarrow \frac{8\sqrt{y}}{12} = \frac{1}{\sqrt{y}}$$

$$\Rightarrow 8\sqrt{y} \times \sqrt{y} = 12$$

$$\Rightarrow y = \frac{12}{8} = \frac{3}{2}$$

Clearly,  $x > y$

$$14. \text{ I. } \frac{8}{\sqrt{x}} + \frac{6}{\sqrt{x}} = \sqrt{x}$$

$$\Rightarrow \frac{8+6}{\sqrt{x}} = \sqrt{x} \Rightarrow x = 14$$

$$\text{ II. } y^3 = \frac{(14)^2}{\sqrt{y}}$$

$$\Rightarrow y^3 \times \sqrt{y} = (14)^2$$

$$\Rightarrow y^{\frac{7}{2}} = (14)^2 \Rightarrow y = 14$$

15. If the length of train A be  $x$  metre, then length of train B =  $2x$  metre.

When a train crosses a pole, it covers a distance equal to its own length.

$$\therefore \text{ Required ratio} = \frac{x}{25} : \frac{2x}{75}$$

$$= \frac{1}{25} \times \frac{2}{75} \times 75 = 3 : 2$$

16.  $\therefore$  12 kg of apples = Rs. 1500

$$\therefore 20 \text{ kg of apples} = \frac{1500}{12} \therefore 20$$

$$= \text{Rs. } 2500$$

$$\therefore 10 \text{ kg of nuts} = \text{Rs. } 2500$$

$$\therefore 34 \text{ kg of nuts} = \frac{2500}{10} \times 34$$

$$= \text{Rs. } 8500$$

$$\therefore \text{ Veena's monthly income} = \text{Rs. } 8500$$

$$\therefore \text{ Rs. } 1 \text{ lac } 2 \text{ thousand}$$

17. If the number of two-rupee coins be  $x$ , then the number of five coins

$$= x - 5$$

$$\therefore 2x + 5(x - 5) = 50 - 26$$

$$\Rightarrow 2x + 5x - 25 = 24$$

$$\Rightarrow 7x = 24 + 25 = 49$$

$$\Rightarrow x = \frac{49}{7} = 7$$

18. Area of the square

$$= 22 \times 22 = 484 \text{ sq. cm}$$

∴ Circumference of circle = 484 cm

$$\Rightarrow \pi \times \text{Diameter} = 844$$

$$\Rightarrow \frac{22}{7} \times \text{Diameter} = 484$$

$$\therefore \text{Diameter} = \frac{484}{22} \times 7 = 154 \text{ cm}$$

∴ Length of rectangle

$$= 2 \times 154 = 308 \text{ cm.}$$

∴ 2(length + breadth)

$$= \text{Perimeter of rectangle}$$

$$\Rightarrow 2(308 + x) = 668$$

[Breadth = x left]

$$\Rightarrow 308 + x = \frac{668}{2} = 334$$

$$\Rightarrow x = 334 - 308 = 26 \text{ cm}$$

19.  $8 \times 4$  girls =  $9 \times 3$  boys

$$= 2 \times 7 \text{ men} = 4 \times 5 \text{ women}$$

$$\Rightarrow 32 \text{ girls} = 27 \text{ boys}$$

$$= 14 \text{ men}$$

$$= 20 \text{ women}$$

∴ One day's work of

$$\text{girls} = \frac{1}{32}$$

$$\text{boys} = \frac{1}{27}$$

$$\text{men} = \frac{1}{14}$$

$$\text{women} = \frac{1}{20}$$

Clearly, girls are least efficient.

20. Men of set A =  $\frac{376}{8} = 47$

The lowest number of second set

$$= 47 + 15 = 62$$

∴ Required sum

$$= 62 + 63 + 64 + 65 + 66 = 320$$

21. If the adjacent angles of parallelogram be  $2x^\circ$  and  $3x^\circ$  respectively, then

$$2x^\circ + 3x^\circ = 180^\circ$$

$$\Rightarrow 5x^\circ = 180^\circ$$

$$\Rightarrow x^\circ = 36^\circ$$

∴ Smaller angle of the parallelogram

$$= 2x = 72^\circ$$

∴ Smaller angle of quadrilateral =  $36^\circ$ 

∴ and its largest angle

$$= 4 \times 36 = 144^\circ$$

∴ Required answer sum =  $144 + 72 = 216^\circ$ 

22. Total number of televisions manufactured by company

-A

$$= (30 + 35 + 35 + 40 + 45 + 55) \text{ thousand}$$

$$= 240 \text{ thousand}$$

∴ Required number of coloured televisions

$$= \left( \frac{240 \times 75}{100} \right) \text{ thousand}$$

$$= 180 \text{ thousand} = 1.8 \text{ lac}$$

23. Required expenditure

$$= \text{Rs. } (12000 \times 35000)$$

$$= \text{Rs. } 420000000 = \text{Rs. } 42 \text{ crore}$$

24. Required percentage increase

$$= \frac{35 - 25}{25} \times 100 = 40\%$$

25. Required ratio =  $45 : 35 = 9 : 7$ 26. Required ratio =  $21.6 : 4.2 = 36 : 7$ 

27. Required percentage

$$= \left( \frac{14.2 + 7.9 + 7.7 + 10.4 + 12.6 + 7.5}{6} \right) \times 100$$

$$= \frac{63.3 \times 100}{6} = 1005$$

28. Required percentage decrease

$$= \left( \frac{8.2 - 6.4}{8.2} \right) \times 100 \approx 22\%$$

29. Number of trees planted in 2009 :

$$\text{NGO-A} \Rightarrow (10.8 + 12.4) \text{ hundred} = 2320$$

$$\text{NGO-B} \Rightarrow (12.6 + 6.4) \text{ thousand} = 1880$$

$$\text{NGO-C} \Rightarrow (8.6 + 6.4) \text{ hundred} = 1550$$

$$\text{NGO-D} \Rightarrow (8.4 + 5.2) \text{ hundred} = 1360$$

$$\text{NGO-E} \Rightarrow (6.9 + 3.8) \text{ hundred} = 1070$$

Note- It is obvious from the table.

There is no need of calculate.

30. Required percentage

$$= \frac{6.3}{10.8} \times 100 \approx 58\%$$

31. Required difference

$$= 680 - 258 = 422$$

32. Required percentage increase

$$= \frac{550 - 430}{430} \times 100 \approx 28\%$$

33. Required average

$$= \frac{160 + 708 + 550 + 586}{4}$$

$$= \frac{2004}{4} = 501$$

34. Number of flight cancelled by airlines-R due to technical

fault in 2010

$$= \frac{880 \times 60}{100} = 528$$

35. Required percentage

$$= \frac{(600 + 546)}{365} \times 100$$

$$= \frac{1146}{365} \times 100 \approx 314\%$$

**Reasoning Ability**

66. (5)

(67 – 68) :

No.	Floor	Person
6	Fifth Floor	B
5	Fourth Floor	C
4	Third Floor	F
3	Second Floor	E
2	First Floor	A
1	Ground Floor	D

67. (4) A and E live on the floors exactly between D and F.

68. (1) B lives on Fifth Floor numbered sixth.

(69 – 70) :

L □ □ P

L □ □ P S

L □ A P S

L E A P S

69. (4) P is placed second to the right of E.

70. (3) The word is LEAPS.

(71 – 75) :

(i) All gliders are parachutes → Universal Affirmative (A-type)

(ii) Some mails are chats → Particular Affirmative (I-type)

(iii) No stone is metal → Universal Negative (E-type)

(iv) Some stones are not metals → Particular Negative (O-type).

(71 – 72) :

All glider are parachutes

No parachutes is an airplane.

A + E ⇒ E-type of Conclusion

"No glider is an airplane. "(A)

No parachute is an airplane

All airplane are helicopters.

E + A ⇒ O<sub>1</sub> type of conclusion, some helicopters are not

Parachutes. (B)

No Glider is an airplane.

All airplane are helicopters.

E + A ⇒ O<sub>1</sub> -type of Conclusion

Some helicopters are not gliders. "(C)

71. (4) Neither Conclusion I nor Conclusion II follows.

All glider are parachutes.

No parachute is an airplane.

All airplanes are helicopters.

Now, Combine figures (2) and (3).

Combine figures (3) and (5)

No parachutes can be a helicopters.

72. (1) Conclusion I is Conclusion (A).

No glider is an airplane and all airplane are some helicopters.

Therefore, no glider can be helicopters.

73. (1) All updates gare chats.

Some chats are malls.

A + I ⇒ No conclusion

Some mails are chats.

All updates are chats.

Now combine the figures (3) and (5)

Thus, all mails been updates is a possibility.

(74 – 75) :

No stone is a metal.

Some metals are papers.

E + K ⇒ O<sub>1</sub> -type of Conclusion

"Some papers are not stones. "(A)

Some metals are papers.

All papers are glass.

I + A ⇒ I-type of Conclusions.

"Some metals are glasses. "(B)

74. (2) Conclusion II is Converse of Conclusion (B).

75. (4) No stone is a metal.

Some metals are glasses.

E + I ⇒ O<sub>1</sub> -type of Conclusion

"Some glasses are not stones".

(76 – 80) : There are six numbers and six words in the input. The three numbers are placed in the beginning and the remaining three numbers are placed in the last. The numbers are rearranged in ascending order. The six words are rearranged in alphabetical order in the middle.

Input : 67 hot sun 19 best 83 ice 49 ace 77 cut 37

Step I : 19 67 hot sun best ice 49 ace 77 cut 37 83

Step II : 19 37 67 hot sun best ice 49 ace cut 77 83

Step III : 19 37 49 hot sun best ice ace cut 67 77 83

Step IV : 19 37 49 ace hot sun best ice cut 67 77 83

Step V : 19 37 49 ace best hot sun ice cut 67 77 83

Step VI : 19 37 49 ace best cut hot sun ice 67 77 83

Step VII : 19 37 49 ace best cut hot ice sun 67 77 83

76. (4) Seven steps are needed to complete the arrangement.

77. (3) It is Step V.

78. (4) Option (4) is Step I.

79. (2) Option (2) is the final arrangement.

80. (1) In Step IV 'sun' would be seventh from the right.

(81 – 85) :

81. (2) Except in A-Canara Bank pair, in all others the first person is second to the left of the second person.

82. (5) B is the representative from Syndicate Bank.

C sits third to the right of H. The representative from the.

Dena Bank, C is to the immediate right of the representative from the UCO Bank, F. A is second to the left of G, the representative from bank of India.

A, the representative from Bank of Maharashtra and B, the representative from Syndicate Bank are immediate neighbours of each other.

83. (3) H, the representative from Canara Bank and A, the representative from Bank of Maharashtra sit between B, the representative from Syndicate Bank and G, the representative from Bank of India.

84. (5) D is the representative from Oriental Bank from Commerce.

85. (4) E, the representative from Punjab National Bank sits second to the left from B, the representative from Syndicate Bank.

86. (2) All, I, II, and III are required to answer the question.  
 P is the mother of B, D and M.  
 B and D are daughters of P.
87. (4) Statements I  
 $E > B > A$   
 Statement II  
 $\square > \square > \square > C > \square > \square$   
 Statement III  
 $\square > \square > \square > \square > D > F$   
 From all the three statements  
 $E > B > A > C > D > F$
88. (5) Statement I  
 Statement II  
 Statement I and II  
 J is to the south-west of W.
89. (4) From all the three statements  
 Manoj's mother visited his house on Tuesday and  
 Manoj did visit Chennai on Wednesday.
90. (1) From statement I and III
- |       |    |       |
|-------|----|-------|
| Now   | or | never |
| again |    |       |
- now ka na sa
- again go now or never
- na ho ka sa tom
- The code for 'go' is 'ho'.
91. (1) Option (1) may be the causer of vacant seats in the engineering colleges.
92. (2) Option (2) may be a possible effect a big pot holes developed on the roads.
93. (3) Option (3) indicates that the results are not in line with the general trend.
94. (3) Option (3) may be a possible fallout of the given situation.
95. (3) Option (3) substantiates the views expressed in the statement.
96. (4) The district authority sent a police team to nab the culprits. It shows that the Government is committed to provide protection to travelers across the country.
97. (1) All the three statements are probable causes of drop in sales of four wheelers during the past six months.
98. (4) All the three statements can be effective steps to reverse the trend.
99. (4) Option (4) contradicts the view expressed in the statement.
100. (4) Obviously, option (4) is an assumption. Any appeal has some effect and people generally respond positively to any appeal.