SBI PO (PHASE - II) MOCK TEST- 155 (SOLUTION)
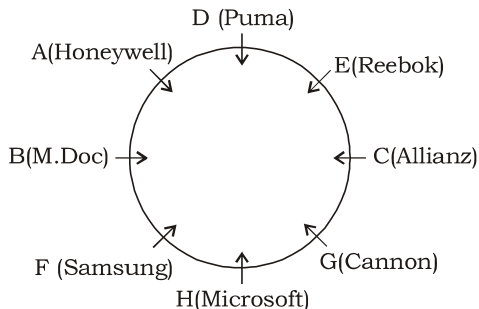
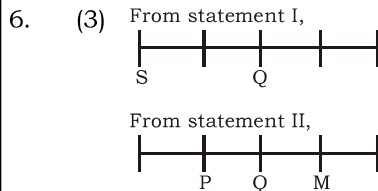### Reasoning & Computer Aptitude

(1–5):
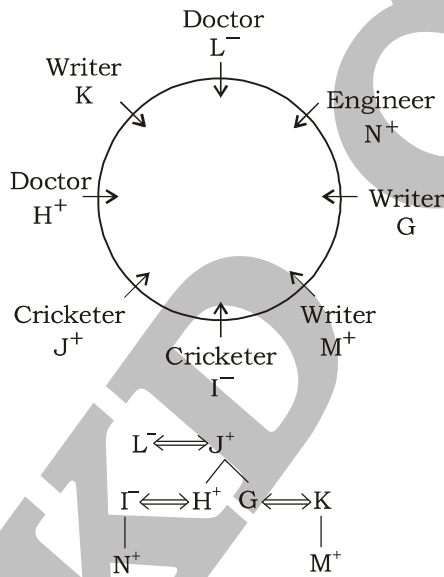

1. (2) 2. (3) 3. (1)
4. (1) 5. (4)

(6-7):

6. (3) From statement I,

From statement II,

7. (3)

(8-12):

$$L^- \Longleftrightarrow J^+$$
$$I^- \Longleftrightarrow H^+ \quad G \Longleftrightarrow K$$
$$N^+ \qquad\qquad M^+$$

8. (4) 9. (1) 10. (5)
11. (4) 12. (3)

(13-15):

13. (4) Clearly, every person must be free to work wherever he wants and no compulsion should be made to confine one to one's country. So, argument I is vague. However, talented scientists can be of great benefit to the nation and some alternatives as special incentives or better prospects may be made available to them to retain them within their motherland. So Argumet II also do not hold.

14. (4) Our country cannot support USA' policies blindly without analysis. Just to gain monetary help. Also we should not withdraw our support without considering the policies, Just because some other nations have done. So, None of argument hold strong.

15. (4) The age of a person is no critersion for judging his mental capabilities and administrative qualities. So, none of the argument hold strong.

(16-17):

16. (5) The situation can be tackled by periodic cuts in supply and urging people to conserve water. So, both the course of actions follow.

17. (2)

(18-20):

18. (5) Clearly, calling off the strike and going on strike are events that may not be backed by same cause.
Thus, they must have been effects triggered by seperate independent cause.

19. (2) Clearly, the increase in the literacy rate may be attributed directly to the stringent efforts of the district adminstration in this direction.

20. (3) The increase in the fees of the private colleges and there being no increase in the same in government college seem to be policy matters undertaken by the individual decisive board at the two level.

(21-25):

Rank	People	Country	Field
1	Lionel Messi	USA	Actor
2	George W. Bush	Canada	Actor
3	Sonia Gandhi	USA	Actor
4	Abraham Lincoln	China	Actor
5	Hrithik Roshan	China	Actor
6	Atal Bihari Vajpayee	France	Cricker
7	Sanjay Dutt	India	Foot baller
8	George Clooney	France	Politician
9	DiCaprio	Argentina	Politician
10	M.S Dhoni	Canada	Politician
11	Salman Khan	USA	Politician

21. (1) 22. (1) 23. (3)
24. (2) 25. (5)

(26-30):

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

26. (5)   27. (4)   28. (2)
29. (3)   30. (3)

(31-33) :

$\$ \rightarrow \leq$ $\# \rightarrow \geq$
$@ \rightarrow >$ $© \rightarrow >$
$\% \rightarrow =$

31. (5) H = J < N > R
    I.   R = J → false
    II. H > J → false
    III. N > H → True

32. (5) M > J ≤ T < N
    I.   N ≥ J → False
    II. T = M → False
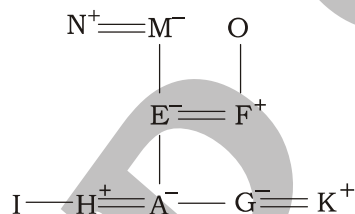   III. M > N → False

33. (2) D < K ≥ F > P
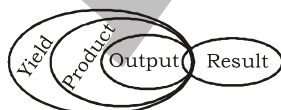   I.   P > D → False
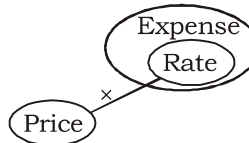   II. K > P → True
    III. K > D → True

34. (5)

(35-36):

$$N^+ = M^- \qquad O$$
$$E^- = F^+$$
$$I - H^+ = A^- - G^= K^+$$

35. (5)   36. (1)

(37-40):

37. (3)

(38-39) :

38. (4)   39. (5)

40. (2)

41. (4)
42. (5)   43. (2)   44. (2)
45. (3)

Data Analysis & Interpretation

(46-50) :

46. (5) C.P of Mobile = 10300
    Profit = 34%

    $\therefore$ S.P = $10300 \times \dfrac{134}{100}$ = ₹13802

    and Mark Price = 13802 + 115 = ₹13917

    $\therefore$ Profit % = $\left[\dfrac{13917 - 10300}{10300} \times 100\right]\%$

    = 28.12%

47. (5) Total S.P of Mobile and Computer of

    Lucky = $12600 \times \dfrac{140}{100} + 17200 \times \dfrac{160}{100}$

    = 17640 + 27520 = ₹ 45160

    Total S.P of Mobile and Computer of Alka

    = $13800 \times \dfrac{114}{100} + 16200 \times \dfrac{124}{100}$

    = 15732 + 20088 = ₹ 35820

    $\therefore$ Required difference

    = 45160 − 35820 = ₹ 9340

48. (5) When profit is 54%,

    then SP of two Mobiles = $11000 \times \dfrac{154}{100} \times 2$

    = ₹ 33880

    and when loss is 40%, then SP of two Mobiles

    = $\dfrac{60}{100} \times 11000 \times 2$ = ₹ 13200

    $\therefore$ Total SP = 33880 + 19200

    = ₹ 47080

    and total C.P of four Mobiles

    = 4 × 11000 = ₹ 44000

    $\therefore$ Profit % = $\left[\dfrac{47080 - 44000}{44000} \times 100\right]\%$

    = 7%

49. (1) Required total

    = $20 \times 18700 + 10 \times 16200 \times \dfrac{124}{100}$