

IBPS PRELIMS MOCK -2 Solution

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

SOLUTION

ENGLISH LANGUAGE

1. (c) Everyone wants to become rich at the same time.
2. (d) only (B) and (C)
3. (c) It should be invested in sparingly
4. (b) only(A) and (B)
5. (b) Its surging demand will not be met with an adequate supply and will bring about a downturn in the Indian economy.
6. (e) All (A), (B) and (C)
7. (c) The meaning of the word concern(Noun) as used in the passage is: anxiety worry; apprehension.
Look at the sentence :
There is growing concern about violence on television.
8. (b) the meaning of the word consume(verb) as used in the passage is: to use something especially fuel, energy or time.
Look at the sentence:
The electricity industry consumes large amounts of fossil fuels.
9. (d) The meaning of the word Exhausted (Adjective / Participle) as used in the passage is : completely used or finished.

Look at the sentence:

You cannot grow crops on exhausted land.

The word replenish means: to make something full again; top up. Hence, the antonym of the word exhausted should be replenished.

10. (a) The meaning of the word Artificial (Adjective) as used in the passage is :not real ; not natural ; fake; created by people

Its antonym should be genuine which means ; real; exactly what it appears to be; not artificial.

Look at the sentence:

Only genuine refugees can apply for asylum.

11. (a) A
12. (e) F
13. (c) C
14. (e) E
15. (b) D
16. (e) possible
17. (d) answered
18. (b) finding
19. (d) carry
20. (e) perception
21. (c) rote
22. (a) stimulate
23. (c) Reasons
24. (b) Leaf
25. (a) lead
26. (a) Only (B)and(A) respectively
27. (a) Only (A) and(C) respectively
28. (d) Only (C) and (B) respectively
29. (d) Here, infinitive i.e. is to tackle cancer.....should be used.
30. (c) Here, forest range officers as yet another instance of illegalshould be used.

NUMERICAL ABILITY

31. $\frac{400 \times 185}{100} + \frac{240 \times 35}{100} = \frac{1648 \times ?}{100}$
 $\Rightarrow 74000 + 8400 = 1648 \times ?$
 $\Rightarrow 82400 = 1648 \times ?$
 $\therefore ? = \frac{82400}{1648} = 50$
32. $\sqrt{24^4} + 244 = ? \times 20^2$
 $\Rightarrow 24 \times 24 + 224 = ? \times 20^2$
 $\Rightarrow 576 + 224 = ? \times 400$
 $\Rightarrow 800 = ? \times 400$
 $\therefore ? = \frac{800}{400} = 2$
33. $? = 12.28 \times 1.5 - 36 \div 2.4$

- $$= 18.42 - 2.4 = 18.42 - 15$$

$$= 3.42$$
34. $175 \times 28 + 275 \times 27.98$
 $\approx 175 \times 28 + 275 \times 28$
 $\approx 28(175 + 275)$
 $\approx 28 \times 450 \approx 12600$
35. $325 \times 16 \div 4 + 37$
 $\approx \frac{325 \times 16}{4} + 37$
 $\approx 1300 + 37 \approx 1337$
 \therefore Required answer = 1340
36. $1164 \times 128 \div 8.008 + 969.007 \approx \frac{1164 \times 128}{8} + 969$
 $\approx 18624 + 969$
 $\approx 19593 \approx 19600$
37. The pattern of the number series is
 $17 \times 3 + 1 = 51 + 1 = 52$
 $52 \times 3 + 2 = 156 + 2 = 158$
 $158 \times 3 + 3 = 474 + 3 = 477$
 $477 \times 3 + 4 = 1431 + 4 = 1435$
38. The pattern of the number series is
 $3 \times 7 + 1 = 21 + 1 = 22$
 $22 \times 6 + 2 = 132 + 2 = 134$
 $134 \times 5 + 3 = 670 + 3 = 673$
 $673 \times 4 + 4 = 2692 + 4 = 2696$
39. The pattern of the number series is
 $6 \times 1 + 1 \times 7 = 6 + 7 = 13$
 $13 \times 2 + 2 \times 6 = 26 + 12 = 38$
 $38 \times 3 + 3 \times 5 = 114 + 15 = 129$
 $129 \times 4 + 4 \times 4 = 516 + 16 = 532$
40. The pattern of the number series is
 $\frac{286}{2} - 1 = 143 - 1 = 142$
 $\frac{142}{2} - 1 = 71 - 1 = 70$
 $\frac{70}{2} - 1 = 35 - 1 = 34$
 $\frac{34}{2} - 1 = 17 - 1 = 16$
41. Ratio of the equivalent capitals of Prakash, Sunil and Anil
 $= 11 : 16.5 : 8.25 = 4 : 6 : 3$
 Anil's share in the profit
 $= \text{Rs.} \left[\frac{3}{(4+6+3)} \times 19.5 \right] \text{ lakh}$
 $= \text{Rs.} 4.5 \text{ lakh}$
 \therefore 50% of Rs. 4.5 lakh = Rs. 2.25 lakh
42. According to the question,
 1 man = 2 women
 \therefore 8 men = 16 women
 $\Rightarrow (16+4) \text{ women} = 20 \text{ women}$
 Now 4 men + 8 women = 16 women
 20 women's 2 days' work
 $= \frac{2}{6} = \frac{1}{3} \text{ part}$

$$\text{Remaining work} = 1 - \frac{1}{3} = \frac{2}{3}$$

\therefore 20 women complete 1 work in 6 days.

$$\therefore 16 \text{ women will do } \frac{2}{3} \text{ work in}$$

$$= \frac{20 \times 6}{16} \times \frac{2}{3} = 5 \text{ days}$$

43. Purchase cost of the TV set = Rs. 11250

$$\therefore \text{Marked price} = \frac{11250 \times 100}{90} = \text{Rs. } 12500$$

It there would have been no discount then the total purchase cost would be = 12500 + 150 + 800 = Rs. 13450

$$\therefore \text{Required selling price}$$

$$\frac{13450 \times 115}{100} = \text{Rs. } 15467.50$$

44. Amount = Principal $\left(1 + \frac{\text{Rate}}{100}\right)^{\text{time}}$

$$= 20000 \left(1 + \frac{10}{100}\right)^2 \left(1 + \frac{20}{100}\right)$$

(Rate of interest of the first year = 10%, Time = 2 half years)

$$= \text{Rs.} \left(20000 \times \frac{11}{10} \times \frac{11}{10} \times \frac{6}{5}\right)$$

$$= \text{Rs. } 29040$$

$$\therefore \text{C.I.} = \text{Rs.} (29040 - 20000) = \text{Rs. } 9040$$

45. The word DESIGN consist of 6 distinct letters.

According to the question

E.....I

I.....E

Required number of arrangements

$$= 2! \times 4!$$

$$= 2 \times 4 \times 3 \times 2 \times 1 = 48$$

46. From statement of (I) and (II),

$$D + E = 14$$

$$\text{And } A + B + C + F = 4 \times 50 = 200$$

$$\therefore \frac{A + B + C + D + E + F}{6}$$

$$= \frac{14 + 200}{6} = \frac{214}{6} = 35 \frac{2}{3} \text{ years}$$

47. Area of the right angled triangle = $\frac{1}{2} \times \text{base} \times \text{height}$

Clearly, taking any two of the given statements the area can be obtained.

48. From all three statements,

$$(A+B)'s \text{ day's work} = \frac{1}{8} \dots (i)$$

$$(B+C)'s \text{ day's work} = \frac{1}{10} \dots (ii)$$

$$(A+C)'s \text{ day's work} = \frac{1}{12} \dots (iii)$$

Adding all three equations

$$(A+B+C)'s 2 \text{ day's work}$$

$$= \frac{1}{8} + \frac{1}{10} + \frac{1}{12}$$

$$= \frac{15 + 12 + 10}{120} = \frac{37}{120}$$

∴ (A+B+C)'s 1 day's work = 37/40 ... (iv)

By equation (iv) - (iii)

$$\text{B's 1 day's work} = \frac{37}{240} - \frac{1}{12}$$

∴ B will complete the work in = 240/17 days

49. From statement (I),

$$x = \frac{x \times 10 \times r}{100}$$

⇒ r = 10% per annum

From statement (II),

$$\text{Principal} = \text{Difference} \left(\frac{100}{\text{Rate}} \right)^2$$

50. from all three statements,

$$M + Sc. + E = 198$$

Let Abhijit get x marks in English.

$$\therefore x + x + 12 + x + 32 = 198$$

$$\Rightarrow 3x + 44 = 198$$

$$\Rightarrow 3x = 198 - 44 = 154$$

$$\Rightarrow x = 154/3$$

51. Number of students passed from institute F in 2003

$$= \frac{700 \times 66}{100} = 462$$

Number of students passed from institute B in 2005

$$\frac{570 \times 50}{100} = 285$$

∴ Required ratio = 462 : 285

$$= 154 : 95$$

52. Average number of students appeared

Institute A

$$\frac{450 + 520 + 430 + 400 + 480 + 550 + 500}{7}$$

$$= \frac{3330}{7}$$

Institute D

$$\frac{640 + 620 + 580 + 600 + 700 + 750 + 720}{7}$$

$$= \frac{4610}{7}$$

∴ Required ratio = $\frac{3330}{7} : \frac{4610}{7} \Rightarrow 333 : 461$

53. total number of students passed from all institutes together in 2006.

$$= \left(\frac{550 \times \frac{40}{100} + \frac{450 \times 60}{100} + \frac{500 \times 68}{100} + \frac{750 \times 60}{100} \right) + \left(\frac{450 \times 50}{100} + \frac{650 \times 60}{100} \right)$$

$$= (220 + 270 + 340 + 450 + 225 + 390)$$

$$= 1895$$

54. Total number of students appeared from all institutes in 2004

$$= (400 + 600 + 450 + 600 + 720 + 780)$$

$$= 3550$$

Total number of students passed in 2004

$$= \left(\frac{400 \times 65}{100} + \frac{600 \times 75}{100} + \frac{450 \times 70}{100} + \frac{600 \times 75}{100} \right) + \left(\frac{100}{720 \times 60} + \frac{100}{780 \times 70} \right)$$

$$= (260 + 450 + 315 + 450 + 546 + 432)$$

$$= 2453$$

∴ Required percentage = $\frac{2453}{3550} \times 100 = 69$

55 Total number of students appeared from institute C over the years

$$= 300 + 350 + 380 + 450 + 400 + 500 + 470 = 2850$$

Total number of students passed from institute C over the years

$$= \left(\frac{300 \times 65}{100} + \frac{350 \times 60}{100} + \frac{380 \times 50}{100} \right) + \left(\frac{100}{450 \times 70} + \frac{100}{400 \times 75} + \frac{100}{500 \times 68} \right) + \left(\frac{100}{470 \times 60} + \frac{100}{100} \right)$$

$$= (195 + 210 + 190 + 315 + 300 + 340 + 282)$$

$$= 1832$$

∴ Required Percentage = $\frac{1832}{2850} \times 100 = 65$

56. Increase in exports of company C form 2004 to 2008

$$= (750 - 500) \text{ thousand tonnes}$$

$$= 250 \text{ thousand tonnes}$$

Percentage increase

$$= \frac{250}{500} \times 100 = 50\%$$

57. Total exports of company A

$$= (350 + 500 + 400 + 600 + 550 + 400 + 500)$$

$$= 3300 \text{ thousand tonnes}$$

Total exports of company B

$$= (500 + 400 + 600 + 800 + 900 + 700 + 700)$$

$$= 4600 \text{ thousand tonnes}$$

∴ Required percentage

$$= \frac{3300}{4600} \times 100 = 72$$

58. It is obvious from the graph.

59. Average exports of company B of all the years.

$$= \left(\frac{4600}{7} \right) \text{ thousand tonnes}$$

$$= 657.14 \text{ thousand tonnes.}$$

60. Total exports of three companies in 2003

$$= 500 + 400 + 550$$

$$= 1450 \text{ thousand tonnes}$$

Total exports of the three companies in 2006

$$= 550 + 900 + 600 = 2050$$

∴ required ratio = 1450 : 2050 = 29 : 41

61. Average of marks percentage in Science

$$= \frac{76 + 84 + 66 + 72 + 88 + 64}{6}$$

$$= 450/6 = 75\%$$

$$\therefore 75\% \text{ of } 150 = \frac{150 \times 75}{100} = 112.5$$

62. Average of the marks percentage in Geography

$$= \frac{66 + 72 + 78 + 80 + 68 + 74}{6}$$

$$= 438/6 = 73\%$$

$$\frac{75 \times 73}{100} = 54.75$$

$$\therefore 73\% \text{ of } 75 =$$

63. Total marks obtained by D in Maths, science and English together

$$= 68 + \frac{72 \times 150}{100} + \frac{66 \times 50}{100}$$

$$= 68 + 108 + 33 = 209$$

Total marks obtained by F in these subjects

$$= 79 + \frac{64 \times 150}{100} + \frac{80 \times 50}{100}$$

$$= 79 + 96 + 40 = 215$$

$$\therefore \text{Required ratio} = 209:215$$

64. Marks obtained by C in:

$$\text{History} \Rightarrow \frac{75 \times 56}{100} = 42$$

$$\text{Geography} \Rightarrow \frac{75 \times 78}{100} = 58.50$$

$$\text{Maths} \Rightarrow 71$$

$$\frac{150 \times 66}{100} = 99$$

$$\text{Science} \Rightarrow \frac{50 \times 86}{100} = 43$$

$$\text{English} \Rightarrow \frac{60 \times 70}{100} = 42$$

$$\text{Hindi} = \frac{99}{100} = 42$$

$$\text{Total marks obtained}$$

$$= 42 + 58.5 + 71 + 99 + 43 + 42$$

$$= 355.5$$

$$\therefore \text{Required percentage}$$

$$= \frac{99}{355.5} \times 100 = 27.85 \approx 28$$

$$= 27.85 \approx 28$$

65. Total marks obtained by B

$$= \frac{76 \times 75}{100} + \frac{75 \times 72}{100} + 65 + \frac{150 \times 84}{100} + \frac{50 \times 74}{100} + \frac{60 \times 75}{100}$$

$$= 57 + 54 + 65 + 126 + 37 + 45$$

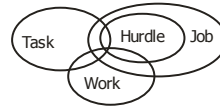
$$= 384$$

REASONING ABILITY

Ans. (66-67)



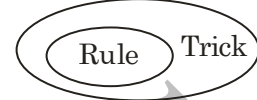
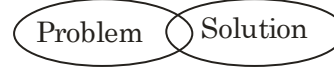
Or



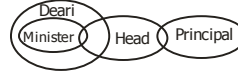
66.(a)

67.(c)

68.(d)



69. (a)



70.(a)



Or



Ans (71-72):

(+) → Male

(-) → Female

D(+) ← Father — A(+) — L

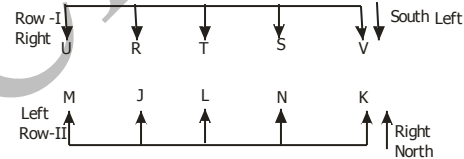
↓ wife

P(-) ← Mother — J(-) — Husband — U(+)

71.(e)

72.(b)

Ans (73-77):



73.(a)

74.(c)

75.(a)

76.(a)

77.(e)

Ans(78-79)

Statements : P < L ≤ A = N ≥ E ≥ D

Q ≥ N < O

P < L ≤ A = N ≤ Q

Q ≥ A = N ≥ E ≥ D

78.(e) Conclusions I. L ≤ E → False

II. P < Q → True

79.(c) Conclusions I. Q ≥ D → True

II. A < D → False

Ans (80-81):

Statements : P ≤ U = N ≤ C ≥ H > S

K ≥ C

80.(b) Conclusions: I P ≤ C → True II. U > H → false

81.(b) conclusions: I. K > U II. U = K [either conclusion I or II]

82.(b) Statement : D ≥ I > S ≥ M ≤ A < L

Conclusions: I. D ≥ A → False II. L > I → False

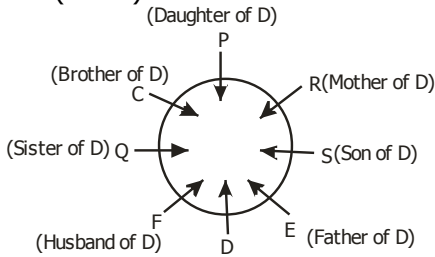
83-87:

Model Practice Set 2

committee (to) review papers → es fr re pt
 review meeting in morning → ch ba mo fr
 meeting to appoint members → re dv ch gi
 appoint chairman in review → mo gi fr yu

- 83.(e)
- 84.(b)
- 85.(c)
- 86.(e)
- 87.(b)

Ans.(88-92):



- 88.(b)
- 89. (d)
- 90.(c)
- 91.(a)
- 92.(e)

Ans (93-95):

$$W > U > V > T > S > R$$

$$\begin{matrix} \downarrow & & \downarrow & & \downarrow \\ 64 & & 64-21=43 & & 20 \end{matrix}$$

- 93.(b)
- 94.(a)
- 95.(c)

Ans.(96-100)

Month	Person	Flower
February	Q	Lily
March	R	Sunflower
April	N	Marigold
June	P	Rose
September	M	Orchid
October	S	Jasmine
November	O	Daffodil

- 96.(b)
- 97.(d)
- 98.(d)
- 99.(d)
- 100.(c)