IBPS CLERK-5

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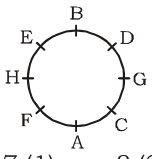
1.-5 P R S Q
C D B A

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

6-10

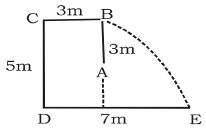


6.(1) 7.(1) 8.(2) 9.(3) 10.(5)

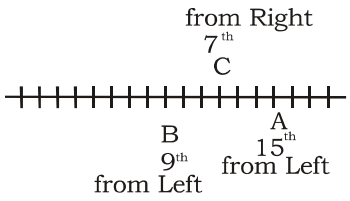
11.(3)
4 5 3 2 1
5 4 5 3 2 1
4 4 5 3 2 1
3 4 5 3 2 1
② 4 5 3 2 1

12.(1)
B
A
C
D
E

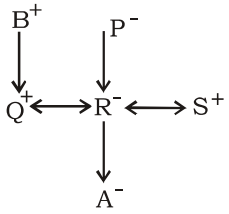
13.(2) South - East



14.(3)



15.(4)



S is the wife of R So Q is brother in law of R

16.(4) R S P T X Q W
P Q R S T W X

17.(1) P T P X Q W

18.(5) Because W is an extreme end of line

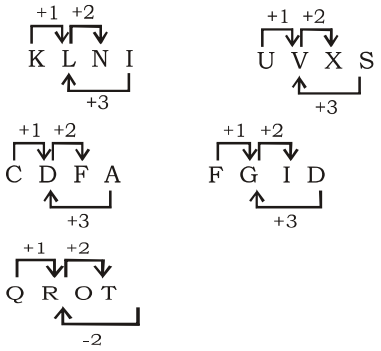
19.(4) R S P

20.(2) T X Q W

21-25. New banking system = ss tp na
officer in uniform = or me at
new bank officer = or bk na
system in bank = bkat ss
Hence new = na
officer = or
bank = bk
system = ss
in = at
uniform = mu
banking = tp

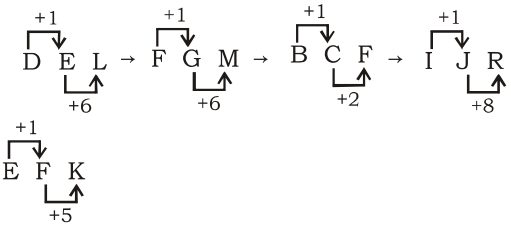
21. (5) 22.(5) 23. (1)
24. (2) (bk or at mu) 25. (3)

26.(5)



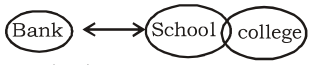
27.(1)

28.(5)



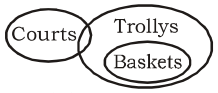
Because in every end letter has even adding only (5) has odd adding

29.(5)



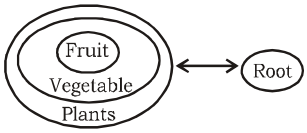
I. (√)
II. (×)

30.(4)



I. (×)
II. (×)

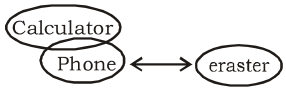
31-32.



31.(5) I. (√)
II. (√)

32.(1) I. (√)
II. (×)

33.(4)



I. (×)
II. (×)

34-37.

Floor	Person
6	P
5	V
4	S
3	R
2	Q
1	T

34.(1) 35.(4) 36.(3) 37.(1)

38-40.
C
B 87%
A
E 72%
D

38.(4) 39.(4) 40.(5)

Solution

QUANTITATIVE APTITUDE

41. (4) $(\sqrt{4}+3)(3\sqrt{5}+\sqrt{2}) - 17.5 = ? + 15\sqrt{5}$

$\Rightarrow (2+3)(3\sqrt{5}+\sqrt{2}) - 17.5 = ? + 15\sqrt{5}$

$\Rightarrow 15\sqrt{5} + 5\sqrt{2} - 17.5 = ? + 15\sqrt{5}$

$\Rightarrow 5\sqrt{2} - 17.5 = ?$

42. (5) $3\frac{1}{2} - 2\frac{1}{6} + 4\frac{1}{9} - 3\frac{1}{12} = ?$

$\Rightarrow \frac{7}{2} - \frac{13}{6} + \frac{37}{9} - \frac{37}{12} = ?$

$\Rightarrow \frac{126-78+148-111}{36} = ?$

$\Rightarrow \frac{85}{36} = ?$

$\Rightarrow 2\frac{13}{36} = ?$

43. (5) $869 \times 354 - 12 \times 802 = ?$

$\Rightarrow 307626 - 9624 = ?$

$298002 = ?$

44. (2) $72 \times 165 - 25 \times 75 = ?$

$\Rightarrow 11880 - 1875 = ?$

$10005 = ?$

45. (3) 360% of $850 + 24\%$ of $780 = ? - 65$

$\Rightarrow 0.36 \times 850 + 0.24 \times 780 = ? - 65$

$\Rightarrow 306 + 187.20 = ? - 65$

$\Rightarrow 493.2 + 65 = ?$

$\Rightarrow ? = 558.20$

46. (1) $(81)^2 - (47)^2 + (71)^2 = 865 + ?$

$\Rightarrow (81+47).(81-47) + (71)^2 = 865 + ?$

$\Rightarrow 128 \times 34 + 5041 = 865 + ?$

$\Rightarrow 4352 + 5041 = 865 + ?$

$\Rightarrow 9393 - 865 = ?$

$\therefore 8528 = ?$

47. (1) $\sqrt{7225} + \sqrt{4096} \times 86 = ?$

$\Rightarrow 85 + 64 \times 86 = ?$

$\Rightarrow 85 + 5504 = ?$

$\therefore 5589 = ?$

48. (5) $72.58 - 17.85 + 176.54 = ? + 36.45$

$\Rightarrow 54.73 + 176.54 = ? + 36.45$

$\Rightarrow 231.27 - 36.45 = ?$

$\Rightarrow 194.82 = ?$

49. (5) $12.5 \times 6.5 + 11.25 \times 3.5 = ? + 35.50$

$\Rightarrow 81.25 + 39.375 = ? + 35.50$

$\Rightarrow 120.625 - 35.50 = ?$

$\therefore 88.125 = ?$

50. (5) $712 \times 68 - 6250 - 7890 = ? + 35$

$48416 - 14140 = ? + 35$

$34276 - 35 = ?$

$34241 = ?$

51. (4) $1.8 \times 3.2 \times 7.2 = ?$

$5.76 \times 7.2 = ?$

$41.472 = ?$

52. (5) $384 \times 36 + 73 \times 84 = ?$

$13824 + 6132 = ?$

$19956 = ?$

53. (2) $7\frac{3}{4} \times 2\frac{1}{2} - 3\frac{4}{5} \times 2\frac{1}{2} = ?$

$\Rightarrow \frac{31}{4} \times \frac{5}{2} - \frac{19}{5} \times \frac{5}{2} = ?$

$\Rightarrow \frac{5}{2}\left[\frac{31}{4} - \frac{19}{5}\right] = ?$

$\Rightarrow \frac{5}{2}\left[\frac{155-76}{20}\right] = ?$

$\Rightarrow \frac{5}{2} \cdot \frac{79}{20} = ?$

$\Rightarrow ? = \frac{79}{8} = 9\frac{7}{8}$

54. (5) $8964 \times 725 = ? - 6420$

$\Rightarrow 6498900 - 6420 = ?$

$\Rightarrow 6492480 = ?$

55. (5) $725 \times 342 - 1240 \times 111 = ?$

$247950 - 137640 = ?$

$110310 = ?$

56. (5) Required $\% = \frac{0.9}{12} \times 100 = 7.5\%$

57. (1) Average number of entertainment shows held in city P

$= \frac{11.3+6+18+1+1.5}{5} \times 100 = 756$

58. (2) Total number of music shows in cities N and Q. = 105% of $(13 + 12.4) \times 100$

$= 105 \times 25.4$

$= 2667$

59. (4) $\frac{\text{No. of dance shows held in city N}}{\text{No. of drama shows held in city R}} = \frac{12.4}{9.8}$

$= \frac{62}{49}$

Required ratio = 62 : 49

60. (3) Total number of stand up comedy shows held in all the cities together

$= (0.8 + 2 + 0.3 + 1 + 3 + 0.7) \times 100$

$= 7.8 \times 100$

$= 780$

61. (4) Overall % obtained by C in the examination

$$= \frac{\begin{array}{c}75\% \text{ of } 100 + 56\% \text{ of } 100 + 72\% \text{ of } 150 + \\ 75\% \text{ of } 60 + 75\% \text{ of } 150 + 80\% \text{ of } 40\end{array}}{100 + 100 + 150 + 60 + 150 + 40} \times 100$$

$$= \frac{75 + 56 + 108 + 45 + 112.5 + 32}{600} \cdot 100$$

$$= \frac{428.5}{600} \times 100 = 71.41\% = 71\% \text{ (approx)}$$

62. (1) Marks obtained by B in English and Maths together
= 88% of 100 + 88% of 150
= 88 + 132 = 220
Marks obtained by F in the same subjects
= 85% of 100 + 74% of 150
= 85 + 111 = 196
Required difference = 220 – 196 = 24

63. (3) Required % $= \frac{75\% \text{ of } 40}{60\% \text{ of } 100} \times 100$

$$= \frac{30}{60} \times 100 = 50\%$$

64. (2) % of marks obtained by D in History and Geography together

$$= \frac{80\% \text{ of } 60 + 62\% \text{ of } 40}{60 + 40} \times 100$$

$$= \frac{48 + 24.8}{100} \times 100 = 72.8\%$$

65. (5) Average marks obtained by all the students together in science

$$= \frac{\begin{array}{c}82\% \text{ of } 150 + 85\% \text{ of } 150 + 72\% \text{ of } 150 + \\ 80\% \text{ of } 150 + 68\% \text{ of } 150 + 90\% \text{ of } 150\end{array}}{6} \times 100$$

$$= \frac{477\% \text{ of } 150}{6} = 119.25$$

66. (3) 57% of 394 – 2.5% of 996 = ?
$\Rightarrow$ 0.57 × 394 – 0.025 × 996 = ?
$\Rightarrow$ 224.58 – 24.9 = ?
$\Rightarrow$? = 199.68
$\Rightarrow$? = 200 (approx.)

67. (4) 96.996 × 9.669 + 0.96 = ?
$\Rightarrow$ 937.854324 + 0.96 = ?
$\Rightarrow$? = 938.81
= 940 (Approx.)

68. (2) $(\sqrt{339} \times 25) \div 30 = ?$
$\Rightarrow \sqrt{339 \cdot 625} \div 30 = ?$
$\Rightarrow \sqrt{211875} \div 30 = ?$
$\Rightarrow$ 460.30 ÷ 30 = ?
$\therefore$? = 15.34
= 15 (approx.)

69. (2) Marks of the students = 65% of (120 × 6)
= 0.65 × 720 = 468

70. (4) Area of the rectangle = l × b
= (3b) × b
= $3b^2$
= $3(36)^2$
= 3 × 1296
= 3888 cm^2

71. (3) Required Average

$$= \frac{12.5\% \text{ of } 16,000 + 25\% \text{ of } 54,000 + 35\% \text{ of } 66,000}{3}$$

$$= \frac{0.125 \times 16,000 + 0.25 \times 54,000 + 0.35 \times 66,000}{3}$$

$$= \frac{2000 + 13500 + 23100}{3} = \frac{38600}{3}$$

= 12866.77
= 12867 (Approx.)

72. (2) Required % $= \frac{37.5\% \text{ of } 78000}{62.5\% \text{ of } 78000} \times 100$

$$= \frac{375}{625} \times 100 = 60\%$$

73. (4) Required Ratio $= \frac{20\% \text{ of } 60000}{27.5\% \text{ of } + 70000}$

$$= \frac{0.20 \times 60000}{0.275 \times 70000}$$

$$= \frac{12000}{19250} = \frac{48}{77}$$

= 48 : 77

74. (1) Number of obese women and obese children together in year 2006
= 20% of 60000 + 25% of 12000
= 12000 + 3000 = 15000
Number of obese men in the same year
= 32.5% of 63000 = 20475
Required difference = 20475 – 15000 = 5475

75. (4) Total number of children not suffering from obesity in the year 2004 and 2005 together = 85% of 15000 + 90% of 21000
= 12750 + 18900 = 31650

76. (5) $\sqrt[3]{1295029} = ? + 120$
109 = ? + 120
$\Rightarrow$? = –11

77. (4) $3\frac{2}{3} \times 4\frac{1}{2} = 724 - ?$

$$\frac{11}{3} \times \frac{9}{2} = 724 - ?$$

$$? = 724 - \frac{33}{2}$$

$\therefore$? = 707.50

78. (2) $\sqrt{?} \times 12.5 = 850 \times 72$

$$? = \frac{850 \cdot 72}{12.5}$$

$$= \frac{61200}{12.5} = 4896$$

$\therefore$? = $(4896)^2$

79. (1) 72.4 × 27.2 – 7.6 × 2.5 = ?
$\Rightarrow$ 1969.28 – 19 = ?
1950.28 = ?

80. (2) 876.42 – 425.18 – 172.41 = ? – 682
$\Rightarrow$ 451.24 – 172.41 = ? – 682
$\Rightarrow$ 278.83 = ? – 682
$\Rightarrow$ 278.83 + 682 = ?
? = 960.83

ANSWERSHEET

IBPS Clerk-5. Answersheet

1	B	26	E	51	D	76	E	101	E
2	C	27	A	52	B	77	E	102	D
3	B	28	E	53	E	78	B	103	C
4	D	29	E	54	D	79	A	104	A
5	D	30	D	55	E	80	B	105	C
6	A	31	E	56	E	81	B	106	E
7	A	32	A	57	A	82	D	107	B
8	B	33	D	58	B	83	C	108	D
9	C	34	A	59	D	84	D	109	E
10	E	35	D	60	C	85	E	110	B
11	C	36	C	61	D	86	C	111	C
12	A	37	A	62	A	87	A	112	D
13	B	38	D	63	C	88	B	113	B
14	C	39	D	64	B	89	B	114	E
15	D	40	E	65	E	90	D	115	A
16	D	41	D	66	C	91	E	116	B
17	A	42	E	67	D	92	D	117	A
18	E	43	E	68	D	93	B	118	B
19	D	44	B	69	B	94	C	119	C
20	B	45	C	70	E	95	C	120	E
21	E	46	A	71	C	96	C	121	2
22	E	47	A	72	B	97	A	122	1
23	A	48	B	73	D	98	A	123	4
24	B	49	D	74	A	99	E	124	2
25	C	50	A	75	D	100	D	125	5

126	3	151	B	176	D
127	5	152	C	177	E
128	1	153	A	178	C
129	3	154	A	179	A
130	2	155	C	180	B
131	5	156	C	181	D
132	1	157	C	182	E
133	5	158	A	183	C
134	4	159	C	184	B
135	5	160	A	185	A
136	A	161	B	186	A
137	A	162	C	187	D
138	B	163	A	188	D
139	D	164	D	189	D
140	A	165	B	190	C
141	A	166	D	191	E
142	C	167	E	192	A
143	C	168	D	193	B
144	A	169	B	194	A
145	A	170	C	195	C
146	C	171	C	196	C
147	C	172	B	197	D
148	A	173	D	198	B
149	B	174	A	199	E
150	C	175	B	200	D

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