Bank Clerk | Prelims -2021. ICP-2021-090027

ANSWER KEY

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

HINTS & SOLUTIONS

1. (3) The answer to the question can be inferred from the paragraph 1 where it is mentioned that 'Mutual Funds' open-ended nature, daily NAV disclosures and significant institutional participation has made sure that their doubtful credit calls cannot escape public scrutiny. Among the given options, (i), (ii) and (iii) provides the correct traits.
Hence, option (c) is the correct answer.

2. (2) The answer to the question can be derived from the first paragraph where it is mentioned that 'Mutual Funds' open-ended nature, daily NAV discloures and significant institutional participation has made sure that their doubtful credit calls cannot escape public scrutiny'. SEBI has tweaked its regulatory framework for debt mutual funds to ensure prompt disclosure of losses, mark-to-market valuation and a side-pocketing mechanism to ensure that investor interests aren't compromised when credit calls go awry. But there seems to be no such standard operating procedure in place for pension funds, who are significant players in the corporate bond market and manage retirement savings of retail investors.'
From above, it can be inferred that option (b) is the correct answer.

3. (5) The answer to the question can be inferred from the second paragraph where it is mentioned that 'Indian pension fund regulators have traditionally seen no reason to ready their regulatory framework to deal with default events, because these funds are bound by mandate to be quite conservative with their corporate bond exposures. PFRDA's investment guidelines, for instance, specify that the NPS money can only be deployed in government securities or corporate bonds rated AA and above by at least two credit rating agencies.'
So, Pension funds are conservative with their corporate bond exposures and there is a mandate that the NPS money can only be deployed in government securities or corporate bonds rated AA and above by at least two credit rating agencies.
Hence, option (e) is the correct answer.

4. (1) The answer to the question can be inferred from the second paragraph. The sentence 'there is even a case for barring such exposures in the Atal Pension Yojana, meant for low-income earners' is mentioned in the last sentence of the paragraph. The reason is that the corporate bond are risky in nature. Having AA or AAA or above rating doesn't guarantee that a corporate borrower will not default on payments. And there is a chance that the brewing NBFC crisis may unleash more credit events (or credit defaults by corporate bonds).
All of (i), (ii) and (iii) are correct.
Hence, option (1) is the correct answer.

5. (4) Renege [verb] means ' *go back on a promise, undertaking, or contract*'; *default*';
Maintain [verb] means ' *to assert*';
Chastise [verb] means ' *to reprimand harshly*';
Belie [verb] means ' *to give a false representation to; misrepresent*';
Betray [verb] means ' *to reveal or make known something, usually, unintentionally*';
Default [verb] means ' *fail to fulfil an obligation, especially to repay a loan or to appear in a law court*';
From above, it can be inferred that the word 'default' has a meaning which is SIMILAR to the meaning of the word 'renege'.
Hence, option (d) is the correct answer.

6. (3) " AWRY" means " *away from the usual or expected course; amiss*" and " AMISS" means " *not quite right; inappropriate or out of place*". Since, they are synonymous with each other, option (c) is the most suitable answer choice.
Disgorge: pour (something) out. emanate: originate from; be produced by.
Sweep: move swiftly and smoothly.
Spurt: gush out in a sudden and forceful stream

7. (5) " SCRUTINY" means " *critical observation or examination*" and INSPECTION" means " *careful examination or scrutiny.*" Since, they are synonymous with each other, option (e) is the most suitable answer choice.

emancipate: set free, especially from legal, social, or political restrictions

Enslave: make (someone) a slave.

Enthral: capture the fascinated attention of.

Entice: attract or tempt by offering pleasure or advantage.

8. (2) Here, statements given in options (1) and (d) are completely out of context and therefore, can be omitted. Also, only option (b) fits in the given blank to make it contextually meaningful and grammatically correct. Hence, option (b) is the most suitable answer choice.

9. (3) **" CONSERVATIVE"** means *"averse to change or innovation and holding traditional values"* and **"RADICAL"** means *"relating to or affecting the fundamental nature of something; far-reaching or thorough."* Since, they are opposite to each other, option (c) is the most suitable answer choice. Hidebound: unwilling or unable to change because of tradition or convention Orthodox: of the ordinary or usual type; normal. Temperate: relating to or denoting a region or climate characterized by mild temperatures Unadventurous: not offering, involving, or eager for new or stimulating things

10. (4) **" UNLEASH"** means " *cause (a strong or violent force) to be released or become unrestrained*" and **" RESTRAIN"** means " *prevent (someone or something) from doing something; keep under control or within limits."* Since, they are opposite to each other, option (d) is the most suitable answer choice. Untether: release or free from a tether Unshakeable: unable to be disputed or questioned. Unbridle: free (someone or something) from control or restraint Release: allow or enable to escape from confinement; set free

11. (2) The tone of the sentence suggests that something happened in the past. The highlighted phrase has a Future tense which is erroneous.

Among the given alternatives, the alternative (i) and (iii) imparts the correct grammatical tense to the sentence. Also note that, in this sentence, both Present Perfect tense and Simple Past tense can impart the correct tense to the sentence.

Hence, the option (b) is the correct answer.

12. (1) In the given sentence, 'with' is a preposition after which a **Pronoun in the Objective case** is used.

Instead of 'I', 'me' should be there.

Hence, the correct alternative which should replace the given highlighted phrase is the alternative (iii).

The correct answer is the option (a).

13. (3) When two or more pronouns are used simultaneously, then the correct order of the pronoun, in case of a sentence having positive tone, is 'Second Person, Third Person, First Person'.

So, the correct phrase should be ' *You, he and I are going* '. The alternative (i) is the only alternative which is correct.

Hence, the option (c) is the correct answer.

14. (3) The phrase 'neither one' is considered *singular* . So, the usage of 'are' and 'were' is incorrect. The alternative (i) will make a grammatically incorrect and contextually meaningless sentence.

Only alternative (ii) is the correct answer.

Hence, the correct answer is the option (c).

15. (1) There are two errors in the highlighted phrase: The article 'the' should precede the ordinal adjective 'first', and the other one is the usage of 'was' after 'Manish.

When you're writing about a untrue situation — usually following the word if or the verb wish — the verb to be is rendered as were.

The correct highlighted phrase should have been 'were the first Prime Minister', as given in the alternative (i). Hence, the correct answer is the option (a).

16. (2) The phrase (C) provides main verb 'attributed' to the auxiliary verb 'had'. So, (C) should follow (1). (B) completes the list ("views, observations and findings") started in (C). So, (B) should follow (C). 'observations and findings' where? The answer is 'in the Rafale case'. So, (D) should follow (B) and (A) should follow (D). The correct sequence should be CBDA.

'*The bench said Gandhi had incorrectly attributed "views, observations and findings" in the Rafale case to the top court.*'

Hence, option (b) is the correct answer.

17. (1) (B) provides the subject to the sentence. (A) informs about what Maneka Gandhi has said. So, (A) should follow (B) which should follow (1). (C) should follow (A) and (D) should follow (C).

The correct sequence should be BACD.

'*In a statement that could stir a controversy, Union Minister Maneka Gandhi has said that she categorises different villages as per the votes registered in her favour and prioritises development accordingly.*'

Hence, option (a) is the correct answer.

18. (4) (D) upon following (1) makes a meaningful phrase 'In a new still from the Ali Abbas Zafar film'. (D) should follow (1). (B) provides the subject of the sentence. So, (B) should follow (D). A-C provides adverbial phrase qualifying the verb 'see'. So, (A) should follow (B) and (C) should follow (A). The correct sequence is 'DBAC'.

'*In a new still from the Ali Abbas Zafar film, we see Salman as a senior citizen with white hair and a white beard*.'

Hence, option (d) is the correct answer.

19. (5) The given sequence makes a grammatically correct and contextually meaningful sentence and doesn't require any rearrangement.

'*The actor has been sporting a moustache since the last few months which is reportedly for his upcoming film, Panipat*.'

Hence, option (e) is the correct answer.

20. (3) (1) provides the subject of the sentence. (C) starting with 'are' provide verb phrase to the subject. So, (C) should follow (1). (D) starting with phrase 'World Cup squad' completes the phrase 'India's 15-man World Cup squad. So, (D) should follow (C). (B) starting with 'but' starts another clause and (A) completes the clause started in (B). So, (B) should follow (D) and (A) should follow (B).

The correct sequence is CDBA.

'*The Indian selection committee are all set to Indian's 15-man World Cup squad on Monday, but fans and pundits have already picked their individual squads for the marquee event.*'

Hence, option (c) is the correct answer.

21. (4) The given passage discusses memory and how psychiatric disorders affect the memory. Here, the writer mentions the process of remembering people, places and events as something that is constantly changing and developing.

Therefore, "dynamic" fits in perfectly in the given blank to replace "democratic". Hence, option (4) is the most suitable answer choice.

22. (5) In the given sentence, the writer discusses that our memory is affected by the psychiatric disorders. We can take the hint from "depression" which is a psychiatric disorder. Therefore, there is no replacement required. Hence. option (5) is the most suitable answer choice.

23. (2) The correct answer choice is option (2). In the given phrase, "memories change and get uploaded over time in people" the word 'uploaded' doesn't fit contextually the correct phrase should be "memories change and get updated over time in people." Hence. option (2) is the most suitable answer choice.

24. (4) The correct answer choice is option (4). In the given phrase, "patients assualted at the National Institute of Mental Health and Neuro-Sciences (NIMHANS)" the word 'assualted' doesn't fit contextually and gives an absurd sense to the stanza given in the passage, the correct phrase should be "patients admitted at the National Institute of Mental Health and Neuro-Sciences (NIMHANS)."

Articulated- having two or more sections connected by a flexible joint.

Hence option (4) is the most suitable answer choice.

25. (1) The correct answer choice is option (1). In the given phrase, "all the proponents memorised a list of 20 everyday" the word 'proponents' doesn't fit contextually and gives an incorrect sense to the stanza given in the passage as proponents mean "a person who advocates a theory, proposal, or course of action" the line "Only bipolar patients in a depressive phase were included in the study" prior to the bold word "proponents" gives a clue that here the writer has talked of the patients hence the correct phrase should be "On the first day, all the participants memorized a list of 20 everyday objects"

Repentant- expressing or feeling sincere regret and remorse; remorseful.

Supplants- supersede and replace.

Hence option (1) is the most suitable answer choice.

26. (2) The correct answer choice is option (2).

Relocated- move to a new place and establish one's home or business there.

prompted - (of an event or fact) cause or bring about (an action or feeling).

Venerated- regard with great respect; revere.

In the given phrase, "and the first group was relocated to remember what happened on the first day " the word 'relocated' doesn't fit contextually and gives an incorrect sense to the stanza given in the passage the correct phrase should be "and the first group was prompted to remember what happened on the first day"

Hence option (2) is the most suitable answer choice.

27. (3) The correct answer choice is option (3).

Reprise- a repetition or further performance of something.

In the given phrase, "all participants were asked to reprise the objects from the list shown on the first day" the word 'reprise' doesn't fit contextually and gives an incorrect sense to the stanza given in the passage the correct phrase should be "all participants were asked to recollect the objects from the list shown on the first day" adding the correct meaning to the given stanza.

Hence option (3) is the most suitable answer choice.

28. (5) In the given passage, the writer discusses that our memory is affected by the psychiatric disorders. We can take the hint from "depression" which is a psychiatric disorder. Therefore, there is no replacement required. Hence, option (5) is the most suitable answer choice.

29. (3) Option (3) is the correct answer choice.

In the given phrase, "but only when the old memory is **activate** by a reminder" the word 'activate' doesn't fit contextually and gives an incorrect sense to the stanza given in the passage the correct phrase should be "but only when the old memory is **activated** by a reminder" adding the correct meaning to the given stanza. The phrase "Such recall is a form of memory updation where new learning updates older memories" given prior to the blank gives a clue that the correct word to replace the erroneous world should be "updated." Hence option (3) is the most suitable answer choice.

30. (2) Option (2) is the correct answer choice.

Affected- influenced or touched by an external factor.

Effected- cause (something) to happen; bring about.

In the given phrase, "this ability to update memories with a reminder was not effected and was similar to controls" the word 'effected' doesn't fit contextually and gives an incorrect sense to the stanza given in the passage the correct phrase should be "this ability to update memories with a reminder was not affected and was similar to controls" adding the correct meaning to the given stanza. Hence option (2) is the most suitable answer choice.

31. (2)
$$[(0.0676)^{0.5} - 0.1]^{\frac{1}{2}} = (1.1)^2 - ?$$
$$(0.26 - 0.1)^{0.5} = 1.21 - ?$$
$$? = 1.21 - 0.5$$
$$? = 0.71$$

32. (2)
$$? = 28 \div 7 \times 25 - 12$$
$$= 100 - 12$$
$$= 88$$

33. (3)
$$\sqrt[8]{8\frac{1}{3}\% \times (144)^2 \times 0.25} = ? \times 3$$
$$\sqrt[8]{144 \times 144 \times \frac{25}{300} \times \frac{25}{100}} = ? \times 3$$
$$\sqrt[8]{144 \times 12 \times \frac{1}{4}} = ? \times 3$$
$$12 \times \frac{1}{4} \times \frac{1}{3} = ?$$
$$? = 1$$

34. (1)
$$? \times 13.80 = 2744 \div 19.6 - \left(\frac{100}{900} \times 729 - 10\right)$$
$$? \times 13.80 = \frac{2744}{19.6} - 71$$
$$? \times 13.80 = 140 - 71$$
$$? = \frac{69}{13.80}$$
$$? = 5$$

35. (2)
$$\frac{?}{100} \times 10 = 69.3 \times \frac{1}{99} \times \frac{1}{7} + \frac{75}{100} \times \frac{12}{2.5}$$
$$\frac{?}{10} = \frac{1}{10} + \frac{36}{10}$$
$$\frac{?}{10} = \frac{37}{10}$$
$$? = 37$$

36. (3) Boys in school - A & E together $= \frac{720}{9} \times 11 + 350 \times \frac{8}{7}$
$= 880 + 400$
$= 1280$
Boys in school - B & C together $= 540 \times \frac{3}{2} + 270 \times \frac{7}{3}$
$= 810 + 630$
$= 1440$
Required ratio $= \frac{1280}{1440}$
$= \frac{8}{9} = 8 : 9$

37. (5) Average number of girls in school - B, C & D
$= \frac{540 + 270 + 576}{3}$
$= 462$
Average number of students in school - A & D
$= \frac{1}{2}\left[720 \times \frac{20}{9} + 576 \times \frac{25}{12} \right]$
$= \frac{1}{2}[1600 + 1200]$
$= 1400$
Required % $= \frac{462}{1400} \times 100$
$= 33\%$

38. (4) Students in school – B $= 540 \times \frac{5}{2}$
$= 1350$
Girls in school – E and boys in school – D together
$= 350 + 576 \times \frac{13}{12}$
$= 350 + 624 = 974$
Required difference $= 1350 - 974 = 376$

39. (4) Students in school – C & E together
$= \left[270 \times \frac{10}{3} + 350 \times \frac{15}{7} \right]$
$= 900 + 750$
$= 1650$
Required % $= \frac{1650 - 720}{720} \times 100$
$= \frac{930}{720} \times 100$
$= \frac{775}{6}\%$
$= 129\frac{1}{6}\%$

40. (1) Girls in school – A & D together $= 720 + 576 = 1296$
Boys in school - A & E together $= 720 \times \frac{11}{9} + 350 \times \frac{8}{7}$
$= 880 + 400$
$= 1280$
Required % $= \frac{1296}{1280} \times 100$
$= \frac{405}{4}\%$
$= 101\frac{1}{4}\%$

41. (2) Let speed of bus and car be 6x km/hr and 7x km/hr respectively
So,
$(7x - 6x) \times 4 = 28$
$x = 7$
Required time $= \frac{196}{7 \times 7} = 4$ hours

42. (5) One day work of Veer $= \frac{1}{x}$
3 day work of Veer $= \frac{3}{x}$
One day work of Sameer $= \frac{1}{(x+4)}$
4 day work of Sameer $= \frac{4}{x+4}$
ATQ,
$\frac{\frac{3}{x}}{\frac{4}{(x+4)}} = \frac{15}{16}$
$(3x + 12) 16 = 60x$
$48x + 192 = 60x$
$x = 16$

43. (3) Let C.P. of articles be Rs. 100 each.
∴ S.P. of Ist article = Rs. 115
S.P. of 2nd article = Rs. 90
Total S.P. = Rs. 205
Overall profit percent $= \left(\frac{205 - 200}{200} \right) \times 100 = 2.5\%$
Alternate method
Required percentage $= \frac{+15\% - 10\%}{2} = \frac{+5\%}{2} = 2.5\%$

44. (1)
Alloy A   Alloy B
Copper   Copper
$\frac{2}{5}$ $\frac{7}{10}$
$\frac{3}{5}$
$\frac{1}{10}$: $\frac{1}{5}$ ⇒ 1 : 2

45. (3) Let length of train A = length of train B = ℓ m
ATQ,
$\Rightarrow \frac{\ell + 98}{24} = \frac{\ell}{12} \times \frac{120}{100}$
$\ell = 70$ m

46. (2) Series is
$8 \times 1 + 2 = 10$
$10 \times 2 + 3 = 23$
$23 \times 3 + 4 = 73$
$73 \times 4 + 5 = 297$
$297 \times 5 + 6 = 1491$
∴ ? = 1491

47. (5) Series is
$2 \times 1 = 2$
$2 \times 2 = 4$
$4 \times 3 = 12$
$12 \times 4 = 48$
$48 \times 5 = 240$
$240 \times 6 = 1440$
∴ ? = $2 \times 1 = 2$

48. (3)
42   **88**   146   216   298
46   58   70   82
12   12   12

49. (3) Pattern is ×2, ÷3, ×4, ÷5, ×6
∴ ? = 30 ÷ 3 = 10

50. (2)
105   117   135   159   189   225
12   18   24   30   36
6   6   6   6
So, missing no. is 225

51. (1) $300 \times \frac{70}{100} = \frac{20}{100} \times ? + (100)^{\frac{1}{2}}$
$210 = \frac{1}{5} \times ? + 10$
$200 \times 5 = ?$
$? = 1000$

52. (5) $\frac{71}{100} \times ? \simeq 36 + 26 + 9$
$\Rightarrow ? \simeq 100$

53. (3) $\frac{65}{100} \times ? = \frac{476}{27} \times \frac{243}{238} \times \frac{117}{180}$
$? = \frac{117}{10} \times \frac{100}{65}$
$? = 18$

54.(2) $\frac{?}{100} \times 76 = \sqrt{35 \times 8 + \frac{400}{100} \times 20 + 1}$

$\frac{?}{100} \times 76 = \sqrt{361}$

$? = 19 \times \frac{100}{76}$

$? = 25$

55.(4) $3 \times ?^2 = 25 + 49 + 289$

$?^2 = \frac{363}{3}$

$?^2 = 121$

$? = 11$

56-60. let cost price of article B, C and E

= Rs. 7x, 6x and 9x respectively

Cost price of article D

$= 43200 - 8160 - 22x$

$= Rs. 35040 - 22x$

ATQ

$\frac{(35040 - 22x)1.15}{9x \times 1.20} = \frac{23}{30}$

$175200 - 110x = 36x$

$146x = 175200$

$x = 1200$

Cost price of article B = 1200×7= Rs.8400

Cost price of article C = 1200×6= Rs.7200

Cost price of article D = 35040 − 1200 × 22 = Rs. 8640

Cost price of article E = 1200×9=Rs.10800

Selling price of article A = 8160 × 1.1 = Rs. 8976

Selling price of article B = 8400 × 0.85 = Rs. 7140

Selling price of article C = 7200 × 0.78 = Rs. 5616

Selling price of article D = 8640 × 1.15 = Rs. 9936

Selling price of article E = 10800 × 1.2 = Rs. 12960

56. (2) required ratio = (8976 + 7140): (7200 + 8640)

= 1320: 1343

57. (4) loss incurred on article B = $8400 \times \frac{15}{100} = Rs. 1260$

Profit earned on article E = $10800 \times \frac{20}{100} = Rs. 2160$

Required difference = 2160 − 1260 = Rs. 900

58. (1) new selling price of article C = 7200 × 1.17 = Rs. 8424

Required percentage = $\frac{8424 - 5616}{5616} \times 100 = 50\%$

59. (5) maximum selling price is of article E = Rs. 12960

Second minimum cost price is of article A = Rs. 8160

Required part = $\frac{12960 - 8160}{7200}$

$= \frac{4800}{7200}$

$= \frac{2}{3}$

60. (2) M.R.P. of article B = Rs.13440

New S.P. of article of B = $\frac{13440}{100} \times 75 = Rs. 10080$

Profit = 10080 − 8400 = Rs 1680

Loss = $8400 \times \frac{15}{100} = 1260$

Required difference = 1680 − 1260 = Rs. 420

61. (5) $(15)^2 + (?)^2 = 24 \times 22 + 23 \times 6$

$\Rightarrow ?^2 = 528 + 138 - 225$
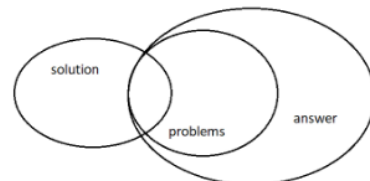
$\Rightarrow ?^2 = 441$

$\Rightarrow ? = 21$

62. (3) $? + 312 + 2^5 = 4^5 - 17 \times 5$

$\Rightarrow ? = 1024 - 85 - 312 - 32$

$\Rightarrow ? = 595$

63. (4) $? = \frac{55}{100} \times 320 + \frac{88}{100} \times 400$
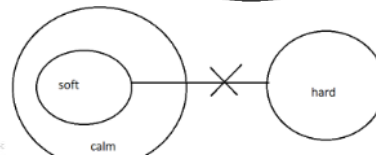
$? = 176 + 352$

$\Rightarrow ? = 528$

64. (2) $\sqrt{?} = \sqrt{144 - 162 + 26}$

$\sqrt{?} = \sqrt{8}$

$\Rightarrow ? = 8$

65. (4) $\frac{? \times 48}{27} = \frac{288}{18} \times 9 \Rightarrow ? = 81$
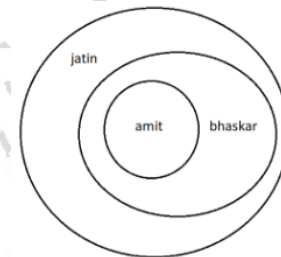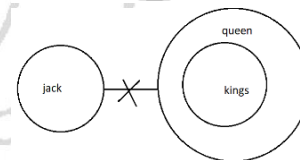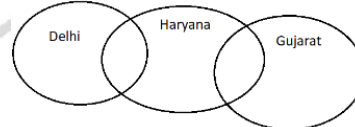
66. (2)

67. (1)

68. (2)

69. (2)

70. (2)

71-75. From the given statements, D7 is going to the market on Friday. There is one day gap between D7 and the one who likes White color. Here we have **two possibilities i.e. Case 1 and Case 2.** There are two days gap between the persons who like Hazzle and White. The one who likes Violet is going to the market just before the day of D2 and just after the day of D1. D2 and D7 doesn't like Hazzle and Violet respectively.

Case 1			Case 2		
Days	**Persons**	**Colors**	**Days**	**Persons**	**Colors**
Monday	D1		Monday	D1	
Tuesday		Violet	Tuesday		Violet
Wednesday	D2	White	Wednesday	D2	
Thursday			Thursday		Hazzle
Friday	D7		Friday	D7	
Saturday		Hazzle	Saturday		
Sunday			Sunday		White

From the given statements, D3 is going to the market just before the day of D6, who likes Purple. **Here Case 2 is ruled out now**and we are pursuing with only Case 1. D5

5

likes Yellow. The one who likes Blue is going to the market before one of the days of the one who likes Pink.

**So, the final arrangements will be like this:**

Days	Persons	Colors
Monday	D1	Blue
Tuesday	D4	Violet
Wednesday	D2	White
Thursday	D5	Yellow
Friday	D7	Pink
Saturday	D3	Hazzle
Sunday	D6	Purple
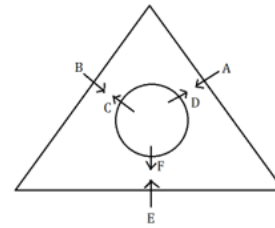
71. (2)
72. (3)
73. (2)
74. (5)
75. (1)
76. (4)

451 685 254 723 132
723 685 451 254 132

77. (2)
78. (3)
79. (4)
80. (1)

81-85. C sits third to the left of A. Only two person sits between C and F. A does not sits at the end of the row.

Case 1:

A   C   B F

Case 2:

F B   C   A
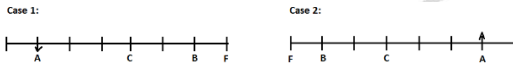
E sits 4th to the right of B. H sits third to the right of D and faces south. G and H faces same direction. Immediate neighbour of H faces same direction. F faces north direction.
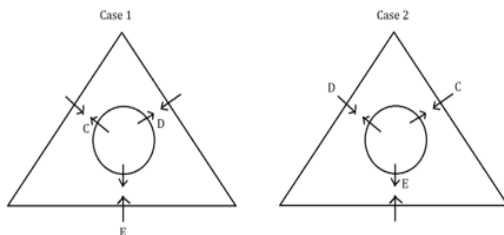
Case 1:

D A E H C G B F

Case 2:

F B G C H E A D

But it is given that only four of them faces north, so case 2 will gets eliminated.

Case 1:

D A E H C G B F

81. (3)
82. (3)
83. (4)
84. (1)
85. (1)

86-90. From the given statements, D sits immediate left the person who faces E. Here, we get two possibilities i.e. Case 1 and Case 2. C is not an immediate neighbor of E. C does not faces E.

Case 1   Case 2

From the given statements, F faces the person who sits immediate right of B. A doesn't sit in circular table and is an immediate neighbor of B. Here, Case 2 is ruled out.
So, final arrangement will be: -

86. (4)
87. (1)
88. (1)
89. (3)
90. (3)

91-95. From the given statements, not more than three persons live below the floor on which H lives. Only two persons live between H and A, who lives above B, but not immediately above. B lives on an even numbered floor. Here, we get three possibilities i.e. Case 1, Case 2 and Case 3.

Floor	Case 1 Person	Case 2 Person	Case 3 Person
7	A		
6		A	
5			
4	H	B/	A
3		H	
2	B	B/	B
1			H

From the given statements, only two persons live between B and E, who lives above B. Here, we get two possibilities in Case 2 i.e. Case 2a and Case 2b. Only three persons live between E and F. So, Case 2a and Case 3 gets eliminated.
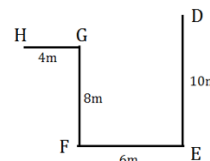
Floor	Case 1 Person	~~Case 2a Person~~	Case 2b Person	~~Case 3 Person~~
7	A	~~E~~		
6		~~A~~	A	
5	E		E	~~E~~
4	H	~~B~~		~~A~~
3		~~H~~	H	
2	B		B	~~B~~
1	F		F	~~H~~

From the given statements, D lives on an odd numbered floor above C. So, Case 1 gets eliminated.
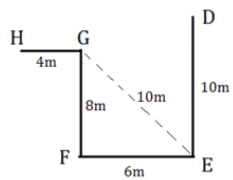So, final arrangement will be: -

Floor	Person
7	D
6	A
5	E
4	C
3	H
2	B
1	F

91. (3)
92. (5)
93. (1)
94. (3)
95. (4)

96. (2)

97.(3)

E ———6m——— F
| |
10m   8m
| |
D   G —4m— H

98.(4)

H ——G   D
  4m   \ |
        8m 10m 10m
         \ |
F ———6m——— E
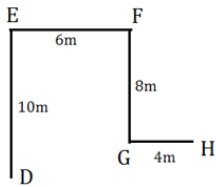
99.(5) I: M < Q (True)
        II: M < S (True)

100.(2) I: A ≥ D (False)
        II: E < H (True)