The Winners Institute

Reasoning

Classifications

Practice Sheet
Basic to High Level with solution

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SBI PO & LIC AAO
(2013- Batch) Selected

Call - 9009335533

Classification - Practice Sheet

निर्देश: निम्नलिखित प्रत्येक प्रश्न में चार शब्द/अक्षर/संख्याएँ दी गई हैं, जिनमें से तीन किसी न किसी रूप में समान हैं, जबकि चौथा भिन्न है। उस शब्द/अक्षर/संख्या को चुनिए जो बाकियों से भिन्न हो।

Directions: In each of the following questions, four words / letters / numbers have been given out of which three are alike in some manner, while the fourth one is different. Choose the word / letter / number which is different from the rest.

1. (a) 76 - 85   (b) 22 - 16
   (c) 89 - 145   (d) 13-10

2. (a) 65-89   (b) 53-79
   (c) 33-66   (d) 81-90

3. (a) 56-30   (b) 87-56
   (c) 43-12   (d) 33-11

4. (a) किलोमीटर / Kilometre
   (b) केल्विन / Kelvin
   (c) फीट / Feet
   (d) मीटर / Metre

5. (a) मगर / Unless   (b) जबकि / While
   (c) लेकिन / But   (d) फिर से / Again

6. (a) 343   (b) 121
   (c) 729   (d) 441

7. (a) 17 - 4913   (b) 16 - 4096
   (c) 8 - 512   (d) 11 - 1221

8. (a) भालू - गुर्राना / Bear - Growls
   (b) कुत्ता - भौंकना / Dog - Barks
   (c) मुर्गा - टरटराना / Cock - Croak
   (d) घोड़ा - हिनहिनाना / Horse - Neigh

9. (a) घोड़ा - मेमना / Horse - Lamb
   (b) गाय - बछड़ा / Cow - Calf
   (c) कुत्ता - पिल्ला / Dog - Puppy
   (d) बिल्ली - बिलौटा / Cat - Kitten

10. (a) 721   (b) 541
    (c) 811   (d) 651

11. (a) ADHK   (b) FIMP
    (c) PSVZ   (d) ZCGJ

12. (a) ABA   (b) AAB
    (c) CXY   (d) OIL

13. (a) LOPK   (b) HSGT
    (c) BYFU   (d) MNVU

14. (a) UXA   (b) GJM
    (c) FIL   (d) YBD

15. (a) ROK   (b) FCY
    (c) XSU   (d) LIE

16. (a) CDF   (b) RTV
    (c) GIK   (d) MOQ

17. (a) आयतन / Volume
    (b) घन / Cube
    (c) घनाभ / Cuboid
    (d) पिरामिड / Pyramid

18. (a) HK   (b) JM
    (c) TW   (d) NK

19. (a) त्रिकोणमिति / Trigonometry
    (b) क्षेत्रमिति / Mensuration
    (c) प्रमेय / Theorem
    (d) बीजगणित / Algebra

20. (a) तेलुगु / Telugu
    (b) मलयालम / Malayalam
    (c) कथक / Kathak
    (d) कन्नड़ / Kannada

21. (a) विरासत / Legacy   (b) व्यस्त / Hectic
    (c) जायदाद / Estate   (d) वसीयत / Bequest

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22. (a) पुत्र / Son   (b) भाई / Brother
     (c) पति / Hunband   (d) भतीजी / Niece

23. (a) गड़बड़ / Muddled
     (b) आश्वासन / Assured
     (c) अस्पष्ट / Unclear
     (d) विचलित / Disoriented

24. (a) घोड़ी / Mare   (b) सूअर / Boar
     (c) गधा / Donkey   (d) बैल / Bull

25. (a) शलजम / Turnip   (b) हल्दी / Turmeric
     (c) कद्दू / Pumpkin   (d) मूली / Radish

26. (a) कुत्ता / Dog
     (b) बिल्ली / Cat
     (c) दरियाई घोड़ा / Hippopotamus
     (d) बकरी / Goat

27. (a) जैन धर्म / Jainism
     (b) बौद्ध धर्म / Buddhism
     (c) सिख धर्म / Sikhism
     (d) साहित्यिक चोरी / Plagiarism

28. (a) प्रिज्म / Prism
     (b) चतुर्भुज / Trapezoid
     (c) समचतुर्भुज / Rhombus
     (d) समांतर चतुर्भुज / Parallelogram

29. (a) मुस्कान / Smile
     (b) रोना / Cry
     (c) हंसना / Laugh
     (d) खिसियाना / Giggle

30. (a) कीबोर्ड / Keyboard
     (b) प्रिंटर / Printer
     (c) जॉयस्टिक / Joystick
     (d) स्कैनर / Scanner

31. (a) जन्म : मृत्यु / Birth : Death
     (b) बहादुर : कायर / Brave : Coward
     (c) नम : सूखा / Damp : Dry
     (d) भूखा : क्षुधातुर / Hungry : Starved

32. (a) पारा - धातु / Mercury - Metal
     (b) तरल - ठोस / Liquid - Solid
     (c) गाय - पशु / Cow - Animal
     (d) गौरैया - पक्षी / Sparrow - Bird

33. (a) कुचिपुड़ी - तमिलनाडु / Kuchipudi – Tamil Nadu
     (b) लावणी - महाराष्ट्र / Lavani – Maharashtra
     (c) भांगड़ा - पंजाब / Bhangra – Punjab
     (d) बिहू - असम / Bihu – Assam

34. (a) गौरैया / Sparrow   (b) चूहा / Rat
     (c) शुतुरमुर्ग / Ostrich   (d) कबूतर / Pigeon

35. (a) सैलामैंडर / Salamander
     (b) मगरमच्छ / Alligator
     (c) केन मेंढक / Cane toad
     (d) केसिलियन / Caecilians

36. (a) वॉलीबॉल : 8 / Volleyball : 8
     (b) कबड्डी : 7 / Kabaddi : 7
     (c) बेसबॉल : 9 / Baseball : 9
     (d) पोलो : 4 / Polo : 4

37. (a) रोमियो और जूलियट / Romeo and Juliet
     (b) आदम और ईव / Adam and Eve
     (c) जैक और जील / Jack and Jill
     (d) भाई और बहन / Brother and Sister

38. (a) जूल / Joule
     (b) सेंटीग्रेड / Centigrade
     (c) फारेनहाइट / Fahrenheit
     (d) केल्विन / Kelvin

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39. (a) हाथी / Elephant (b) गाय / Cow
    (c) शेर / Lion (d) खरगोश / Hare

40. (a) जूते - पोलिश / Shoes - Polish
    (b) टोर्च - बैटरी / Torch - Battery
    (c) कार - पेट्रोल / Car - Petrol
    (d) चाय - कॉफी / Tea - Coffee

41. (a) EPRCPO (b) RYUCREM
    (c) ANRSUU (d) XNEOYG

42. (a) सिल्वरफिश / Silverfish
    (b) मक्खी / Housefly
    (c) पंतगा / Dragonfly
    (d) स्टारफिश / Starfish

43. (a) सोडियम / Sodium
    (b) स्ट्रोंटियम / Strontium
    (c) फ्रैंचियम / Francium
    (d) सीज़ियम / Cesium

44. (a) गति / Momentum
    (b) त्वरण / Acceleration
    (c) तापमान / Temperature
    (d) ऊर्जा / Energy

45. (a) भालू / Bear (b) चमगादड़ / Bat
    (c) पेंगुइन / Penguin (d) डॉल्फिन / Dolphin

46. (a) 112 (b) 183
    (c) 101 (d) 108

47. (a) क्यों / Why (b) कैसे / How
    (c) कब / When (d) क्या / What

48. (a) 12/21, 565 (b) 7/3, 58
    (c) 18/9, 405 (d) 5/6, 61

49. (a) eca (b) fdb
    (c) gei (d) hfd

50. (a) K (b) F
    (c) P (d) C

51. (a) 17 (b) 27
    (c) 29 (d) 37

52. (a) 6 (b) 12
    (c) 18 (d) 7

53. (a) 15 (b) 21
    (c) 24 (d) 29

54. (a) 43 (b) 53
    (c) 63 (d) 73

55. (a) 10 (b) 26
    (c) 24 (d) 21

56. (a) 29 (b) 53
    (c) 85 (d) 125

57. (a) 51 (b) 144
    (c) 36 (d) 121

58. (a) 63 (b) 90
    (c) 109 (d) 126

59. (a) 35 (b) 37
    (c) 49 (d) 65

60. (a) 27 (b) 125
    (c) 343 (d) 64

61. (a) 34-43 (b) 55-62
    (c) 62-71 (d) 83-92

62. (a) 2-8 (b) 3-27
    (c) 4-32 (d) 5-125

63. (a) 80-9 (b) 63-8
    (c) 35-6 (d) 7-50

64. (a) 3-5 (b) 5-3
    (c) 6-2 (d) 7-3

65. (a) 1-2 (b) 3-10
    (c) 6-37 (d) 7-51

66. (a) शिमला / Shimla
    (b) दार्जिलिंग / Darjeeling
    (c) ऊटी / Ooty

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(d) आगरा / Agra

67.   (a) कुरान / QURAN

     (b) गीता / GEETA

     (c) पंचशील / PANCHSHEEL

     (d) बाइबिल / BIBLE

68.   (a) घोड़े का बच्चा / Foal

     (b) मुर्गी / Hen

     (c) भेड़ का बच्चा / Lamb

     (d) खरगोश का बच्चा / Leveret

69.   (a) OMQ   (b) HFJ
     (c) TPR   (d) TRV

70.   (a) उद्यमी / Entrepreneur

     (b) निवेशक / Investor

     (c) निर्माता / Producer

     (d) निदेशक / Director

71.   (a) TOQR   (b) YTUV
     (c) KFHI   (d) WRTU

72.   (a) PT   (b) ES
     (c) FA   (d) OC

73.   (a) OMQ   (b) HFJ
     (c) TPR   (d) TRV

74.   (a) FU   (b) LO
     (c) MN   (d) KZ

75.   (a) FH   (b) KM
     (c) PR   (d) JM

76.   (a) HSRI   (b) MVUN
     (c) OLKP   (d) PJQX

77.   (a) YDWB   (b) TKRI
     (c) QNOM   (d) HLFJ

78.   (a) BdEg   (b) KmNp
     (c) PrSu   (d) TwXz

79.   (a) OUSF   (b) PlGS
     (c) TEPJ   (d) XLPA

80.   (a) ABDG   (b) IJLO
     (c) MNPS   (d) RSUY

81.   (a) ABBC   (b) PQQR
     (c) HIIJ   (d) WYYZ

82.   (a) BCYZ   (b) EFVW
     (c) HIUV   (d) JKQR

83.   (a) Cegl   (b) FhjL
     (c) PrtV   (d) KnpR

84.   (a) AGZX   (b) BDYW
     (c) EGVT   (d) CEUS

85.   (a) AEFJ   (b) EHIL
     (c) KOPT   (d) UYZD

86.   (a) 7:22   (b) 12:37
     (c) 8:33   (d) 15:46

87.   (a) 75   (b) 85
     (c) 95   (d) 115

88.   (a) 183   (b) 137
     (c) 121   (d) 231

89.   (a) 42   (b) 72
     (c) 110   (d) 152

90.   (a) A   (b) E
     (c) B   (d) D

91.   (a) आयत / Rectangle

     (b) वर्ग / square

     (c) समचतुर्भुज / rhombus

     (d) त्रिभुज / triangle

92.   (a) डॉल्फिन / Dolphin

     (b) चमगादड़ / bat

     (c) शेर / lion

     (d) मगरमच्छ / crocodile

93.   (a) मैरीगोल्ड / Marigold

     (b) गुलाब / Rose

     (c) कमल / Lotus

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(d) अंगूर / Grapes

94. (a) सरस्वती सम्मान / Saraswati samman

(b) व्यास सम्मान / Vyas samman

(c) पुलित्जर पुरस्कार / Pulitzer award

(d) बुकर पुरस्कार / Booker prize

95. (a) स्टेनली कप / Stanley cup

(b) विजडन ट्रॉफी / Wisden trophy

(c) नेहरू ट्रॉफी / Nehru trophy

(d) वेलिंगटन कप / Wellington cup

96. (a) अह्मदाबाद / Ahmadabad

(b) जयपुर / Jaipur

(c) कोलकाता / Kolkata

(d) भोपाल / Bhopal

97. (a) मुर्गी / Chicken   (b) सांप / Snake

(c) कछुआ / tortoise   (d) हंस / Swan

98. (a) बैंगनी / Violet   (b) नीला / Blue

(c) हरा / Green   (d) गुलाबी / Pink

99. (a) आंखें / Eyes   (b) कान / Ears

(c) गुर्दा / Kidney   (d) यकृत / Liver

100. (a) घोड़ा / Horse   (b) शेर / Lion

(c) जिराफ / Giraffe   (d) चीता / Cheetah

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ANSWERS

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

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Solution

1. **(b)**
a) 76 – 85 → $7^2 + 6^2 = 85$
b) 22 – 16 → $2^2 + 2^2 \neq 16$
c) 89 – 145 → $8^2 + 9^2 = 145$
d) 13 – 10 → $1^2 + 3^2 = 10$

2. **(d)**
a) 65 – 89 → 6 – 5 = 9 – 8
b) 53 – 79 → 5 – 3 = 9 – 7
c) 33 – 66 → 3 – 3 = 6 – 6
d) 81 – 90 → 8 – 1 ≠ 0 – 9

3. **(d)**
The logic is – 2nd one is the product of the 1st one.
Only '33 – 11' does not follows the above logic.

4. **(b)**
All options except 'Kelvin' are units used to measure length, while 'Kelvin' is used to measure temperature.

5. **(d)**
All options except 'again' are examples of conjunctions.

6. **(a)**
a) 343 → 7^3
b) 121 → 11^2
c) 729 → 27^2
d) 441 → 21^2

7. **(d)**
Number – Number³
All options except '11 – 1221' follows the above logic.

8. **(c)**
The pairs follow the relation: Animal – Sound
Option 'c' does not follows the above relation.

9. **(a)**
The pairs follow the relation: Animal – Young One
Option 'a' does not follows the above relation.

10. **(d)**
All options except 'd' sums to 10.

11. **(c)**
a) ADHK → A + 3 = D; D + 4 = H; H + 3 = K
b) FIMP → F + 3 = I; I + 4 = M; M + 3 = P
c) PSVZ → P + 3 = S; S + 3 = V; V + 4 = Z
d) ZCGJ → Z + 3 = C; C + 4 = G; G + 3 = J

12. **(c)**
All options except 'CXY' have 2 vowels and 1 consonant, while 'CXY' has three consonants.

13. **(d)**
All options except 'MNVU' are two pairs of reverse letters, while 'MNVU' has only one pair of reverse letter.

14. **(d)**
a) UXA → U + 3 = X; X + 3 = A
b) GJM → G + 3 = J; J + 3 = M
c) FIL → F + 3 = I; I + 3 = L
d) YBD → Y + 3 = B; B + 2 = D

15. **(c)**
a) ROK → R – 3 = O; O – 4 = K
b) FCY → F – 3 = C; C – 4 = Y
c) XSU → X – 5 = S; S + 2 = U
d) LIE → L – 3 = I; I – 4 = E

16. **(a)**
a) CDF → C + 1 = D; D + 2 = F
b) RTV → R + 2 = T; T + 2 = V
c) GIK → G + 2 = I; I + 2 = K
d) MOQ → M + 2 = O; O + 2 = Q

17. **(a)**
All options except 'volume' are name of different 3D shapes.

18. **(d)**
a) HK → H + 3 = K
b) JM → J + 3 = M
c) TW → T + 3 = W
d) NK → N – 3 = K

19. **(c)**
All options except 'theorem' are different topics studied under mathematics.

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20. (c)
All options except 'c' are name of Dravidian languages, while Kathak is an Indian classical dance.

21. (b)
All words except 'hectic' are synonyms of each other.

22. (d)
a) Son - Male
b) Brother - Male
c) Husband - Male
d) Niece - Female

23. (b)
All words except 'assured' are synonyms of confused.

24. (a)
a) Mare – Female Horse
b) Boar – Male Bear
c) Donkey – Male Ass
d) Bull – Male Cattle

25. (c)
All except 'pumpkin' grow under soil.

26. (c)
All options except option 'c' are name of domestic animals.

27. (d)
All options except 'd' are name of different religions.

28. (a)
All options except 'a' are four sided and 2D figures.

29. (b)
All options except 'b' are synonyms of each other.

30. (b)
All options except 'b' are input devices.

31. (d)
All except option 'd' are antonyms of each other.

32. (b)
a) Mercury – Metal → Mercury is a metal
b) Liquid – Solid → Liquid is not solid
c) Cow – Animal → Cow is an animal
d) Sparrow – Bird → Sparrow is a bird

33. (a)
All pairs except option A are the dance and related state.
Kuchipudi – Andhra Pradesh is the correct pair.

34. (b)
All except 'rat' are birds.

35. (b)
All options except 'Alligator' are amphibians, while Alligator is a reptile.

36. (a)
There are 6 players in Volleyball.

37. (d)
All except option 'd' are well known pairs.

38. (a)
All except options 'a' are units used to measure temperature.

39. (c)
All options except 'c' are name of herbivorous animals.

40. (d)
a) Shoes–Polish→Complementary Goods
b) Torch–Battery→Complementary Goods
c) Car – Petrol → Complementary Goods
d) Tea – Coffee → Substitute Goods

41. (c)
a) EPRCPO → COPPER
b) RYUCREM → MERCURY
c) ANRSUU → URANUS
d) XNEOYG → OXYGEN
URANUS is a planet, while the other three are name of chemical elements.

42. (d)
All except 'STARFISH' are insects.

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43. **(b)**
a) SODIUM → Alkali Metal
b) STRONTIUM → Alkaline Earth Metal
c) FRANCIUM → Alkali Metal
d) CESIUM → Alkali Metal

44. **(d)**
a) Momentum → Vector Quantity
b) Acceleration → Vector Quantity
c) Temperature → Vector Quantity
d) Energy → Scalar Quantity
Scalar quantity – A scalar quantity is defined as the physical quantity that has only magnitude, for example, mass and electric charge. Vector quantity – A vector quantity is defined as the physical quantity that has both, magnitude as well as direction like force and weight.

45. **(c)**
All options except 'Penguin' gives birth to young ones, i.e, they are called mammals, while Penguins lay eggs.

46. **(b)**
Emergency helpline number from:
a) 112 - All in one emergency
c) 101 - Fire
d) 108 - Health
While, '183' is not an emergency number in India.

47. **(b)**
All words except 'how' are 'wh' words.

48. **(a)**
a) $12/21, 565 \rightarrow 12^2 + 21^2 \neq 565$
b) $7/3, 58 \rightarrow 7^2 + 3^2 = 58$
c) $18/9, 405 \rightarrow 18^2 + 9^2 = 405$
d) $5/6, 61 \rightarrow 5^2 + 6^2 = 61$

49. **(c)**
a) eca → e – 2 = c; c – 2 = a
b) fdb → f – 2 = d; d – 2 = b
c) gei → g – 2 = e; e + 4 = i
d) hfd → h – 2 = f; f – 2 = d

50. **(c)**
All other are the letters of first half off the alphabets series.

51. **(b)**
Each of the numbers except 27, is a prime number.
Hence, option B is correct.

52. **(d)**
7 is the only prime number in the group.
Hence, option D is correct.

53. **(d)**
Each of the numbers except 29, is divisible by 3.
Hence, option D is correct.

54. **(c)**
Each of the numbers except 63, is a prime number.
Hence, option C is correct.

55. **(d)**
Each of the numbers except 21, is an even number.
Hence, option D is correct.

56. **(d)**
125 is the only number in the group which is a perfect cube.
Hence, option D is correct.

57. **(a)**
Each of the numbers except 51, is a perfect square.
Hence, option A is correct,

58. **(c)**
Each of the numbers except 109, is divisible by 9.
Hence, option C is correct.

59. **(c)**
49 is the only perfect square number in the group.
Hence, option C is correct.

60. **(d)**
All other numbers are cubes of odd numbers whereas 64 is a cube of an even number.
Hence, option D is correct.

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61. **(b)**
In all other pairs, second number is 9 more than the first.
Hence, option B is correct.

62. **(c)**
In all other pairs, second number is the cube of the first.
Hecne, option C is correct.

63. **(d)**
In all other pairs, one number is the (square -1) of the other.
Hence, option D is correct.

64. **(d)**
In all other pairs, the sum of two numbers is 8.
Hence, option D is correct.

65. **(d)**
In all other pairs, the second number is one greater than the square of the first number.
Hence, option D is correct.

66. **(d)**
Except Agra, all others are hill stations.
Hence, option D is correct.

67. **(c)**
Except Panchsheel, all others are holy books. Panchsheel is a set of principles to be followed in relation with other countries.
Hence, option C is correct.

68. **(b)**
Foal is the young one of a horse or of related to animal.
Lamb is young one of the a sheep.
Leveret is the young one of a hare.
Hen is a female bird especially of a fowl.
Hence, option B is correct.

69. **(c)**
In all other first letter is two places before the second letter in the alphabet whereas in choice (c) the first letter is four places after the second letter in the alphabet.

70. **(d)**
Director is different from the other three words. Because other all are investors.
Hence, option D is correct.

71. **(b)**
Except second option, in all other options the difference between letters are same.
1st option:
T — (−5) → O — (+2) → Q — (+1) → R
3rd option:
K — (−5) → F — (+2) → H — (+1) → I
4th option:
W — (−5) → R — (+2) → T — (+1) → U
But,
2nd option:
Y — (−5) → T — (+1) → U — (+1) → V
Hence, option B is correct.

72. **(a)**
Except in PT, in all others there is one Vowel and one Consonant.
Hence, option A is correct.

73. **(c)**
Except third option, in all other options the difference between the letters are same.
1st option:
O — (−2) → M — (+4) → Q
2nd option:
H — (−2) → F — (+4) → J
4th option:
T — (−2) → R — (+4) → V
But,
3rd option:
T — (−4) → P — (+2) → R
Hence, option C is correct.

74. **(d)**
First letter is opposite to second letter.

75. **(d)**
Next letter is two letters ahead of previous letters except choice (d).

76. **(d)**
In all other groups, first and fourth letters are consecutive, while second and third letters are in reverse alphabetical order.

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77. **(c)**
In all other groups, first and second letters-are moved two steps backward to obtain third and fourth letters respectively.

78. **(d)**
In all other groups, the second, third and fourth letters are respectively two, one and two steps ahead of the first, second and third letters respectively.

79. **(a)**
This is the only group containing two vowels.

80. **(d)**
In all other groups, the first, second and third letters are respectively moved one, two and three steps forward to give the second, third and fourth letters respectively.

81. **(d)**
All other groups contain three consecutive letters with second letter repeated once.

82. **(c)**
In all other groups, first and second as well as third and fourth letters are consecutive and the third letter occupies the same position from Z backward as the first occupies from A onward.

83. **(d)**
In all other groups, the letters are alternate and the middle two are small letters.

84. **(a)**
In all other groups, first and second as well as fourth and third letters are alternate. Also, the first and third letters occupy the same positions from the beginning and end of the alphabet respectively.

85. **(b)**
In all other groups, the second and fourth letters are each four steps ahead of the first and third letters respectively, while second and third letters are, consecutive.

86. **(c)**
In all other pairs, 2nd number = (1st number × 3) + 1.

87. **(a)**
Except 75, all other numbers have three factors.
115 = 1 x 5 x 23
95 = 1 x 5 x 19
85 = 1 x 5 x 17
75 = 1 x 3 x 5 x 5

88. **(c)**
121 is the only perfect square number in the group.

89. **(d)**
$42 = 7^2 - 7$
$9^2 - 9 = 72$
$11^2 - 11 = 110$
$12^2 + 8 = 152$
Except 152, others show the same trend.

90. **(a)**
Except A all other letters mirror image will be change.

91. **(d)**
Except triangle all other have four vertices or sides

92. **(d)**
Except crocodile all are mammals

93. **(d)**
Except grapes all are flowers

94. **(c)**
Except Pulitzer award, all are given in the field of literature

95. **(b)**
Except wisden all other trophies are related to Hockey

96. **(a)**
Except Ahmadabad all are capital cities

97.   (a)
       Except chicken all can live in water

98.   (d)
       Except Pink all other colours are present in rainbow

99.   (d)
       Except liver all the are available in pairs

100.   (a)
       Except horse all are wild animals