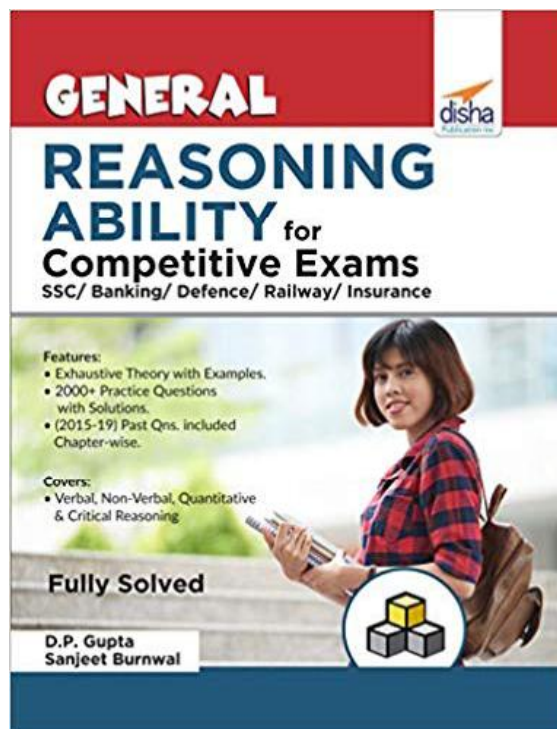


Chapter-wise SSC Solved Papers - Sample Chapters

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CHAPTER

1

Analogy

DIRECTIONS (Qs. 1-8) : In each of the following questions, select the related letters/word/number from the given alternatives.

(SSC CGL 1st Sit. 2010)

1. ACEG : BDFH :: SUWY : ?
(a) TVZX (b) RTZV
(c) TVXZ (d) RTVZ
2. $\frac{M}{AC} : \frac{N}{AD} :: \frac{O}{AE} : ?$
(a) $\frac{P}{AF}$ (b) $\frac{Q}{AB}$ (c) $\frac{P}{AC}$ (d) $\frac{R}{AD}$
3. 5 : 27 :: 9 : ?
(a) 83 (b) 81 (c) 36 (d) 18
4. 6 : 11 :: 11 : ?
(a) 6 (b) 17 (c) 21 (d) 30
5. ABE : 8 :: KLO : ?
(a) 37 (b) 39 (c) 38 (d) 36
6. Sty : Pig :: Byre : ?
(a) Eagle (b) Cow
(c) Tiger (d) Hem
7. Patrol : Security :: Insurance : ?
(a) Money (b) Policy
(c) Savings (d) Risk
8. ADBC : EHFG :: ILJK : ?
(a) MOPN (b) MPNO
(c) ORPQ (d) MPON
9. Find out a set of numbers amongst the four sets of numbers given in the alternatives, which is the most similar to the numbers given in the question. (SSC CGL 1st Sit. 2010)
Given : (6, 30, 90)
(a) 6, 42, 86 (b) 7, 42, 218
(c) 6, 24, 70 (d) 8, 48, 192

DIRECTIONS (10-17) : In each of the following questions, select the related word/letters/ number from the given alternatives.

(SSC CGL 1st Sit. 2010)

10. Fox : Cunning :: Rabbit : ?
(a) Courageous (b) Dangerous
(c) Timid (d) Ferocious
11. Flexible : Rigid :: Confidence : ?
(a) Diffidence (b) Indifference
(c) Cowardice (d) Scare

12. AZCX : BYDW :: HQJO : ?
(a) GRFP (b) IPKM
(c) IPKN (d) GRJP
13. QIOK : MMKO :: YAWC : ?
(a) USGA (b) UESG
(c) VUES (d) SUEG

14. $\frac{ABC}{F} : \frac{BCD}{I} :: \frac{CDE}{L} : ?$

- (a) $\frac{DEF}{O}$ (b) $\frac{DEF}{N}$
(c) $\frac{EDF}{O}$ (d) $\frac{DEF}{M}$

15. 1 : 8 :: 27 : ?

- (a) 37 (b) 47
(c) 57 (d) 64

16. 24 : 126 :: 48 : ?

- (a) 433 (b) 192
(c) 240 (d) 344

17. 987 : IHG :: 654 : ?

- (a) FDE (b) FED
(c) EFD (d) DEF

18. From amongst the given alternatives, select the one in which the set of numbers is most like the set of numbers given below :

(SSC CGL 2nd Sit. 2010)

- (6, 14, 30)
(a) 4, 16, 28 (b) 7, 12, 22
(c) 6, 12, 22 (d) 5, 12, 20

DIRECTIONS (Qs. 19-27) : In each of the following questions, select the related letters/word/numbers from the given alternatives.

(SSC CGL 1st Sit. 2011)

19. Fish : Scales :: Bear : ?
(a) Feathers (b) Leaves
(c) Fur (d) Skin
20. Writer : Pen :: ?
(a) Needle : Tailor (b) Artist : Brush
(c) Painter : Canvas (d) Teacher : Class
21. NUMERAL : UEALRMN :: ALGEBRA : ?
(a) LRBAGEA (b) BARLAGE
(c) LERAGBA (d) LERABGA
22. BDAC : FHEG :: NPMO : ?
(a) RQTS (b) QTRC
(c) TRQS (d) RTQS

23. FGHI : OPQR : BCDE : ?

- (a) KLMJ (b) KLMN
(c) IUUV (d) STUV

24. PNLJ : IGEC : VTRP : ?

- (a) OMKI (b) RSTU
(c) QSRC (d) RPOM

25. 17 : 60 :: 20 : ?

- (a) 57 (b) 69
(c) 81 (d) 93

26. 6 : 64 :: 11 : ?

- (a) 144 (b) 169
(c) 121 (d) 124

27. 123 : 4 :: 726 : ?

- (a) 23 (b) 26
(c) 14 (d) 12

DIRECTIONS (Qs. 28-36): Select the related letter/word/number from the given alternatives.

(SSC CGL 2nd Sit. 2011)

28. Country : President :: State : ?

- (a) Chief Minister (b) Prime Minister
(c) Speaker (d) Governor

29. Mirage : Desert :: ?

- (a) Sky : Illusion (b) Rainbow : Sky
(c) Rain : Rainbow (d) Image : Mirror

30. TEKCAR : RACKET :: TCEJBO : ?

- (a) TCEOBJ (b) OBJECT
(c) CEJBOT (d) REJECT

31. JIHK : PONQ :: WVUX : ?

- (a) KNML (b) RSTU
(c) HIGJ (d) MLKN

32. UUWX : WWYZ :: OOQR : ?

- (a) OOPG (b) MMPQ
(c) XXYZ (d) QQST

33. BIMN : CKPR :: CURD : ?

- (a) DWUH (b) WUHC
(c) UHDW (d) HUVN

34. BCFE : HILK :: NORQ : ?

- (a) TXWU (b) TXUW
(c) TUXW (d) TUWX

35. ? : 63 :: 08 : 26

- (a) 12 (b) 9
(c) 18 (d) 15

36. 64 : ? :: 72 : 53

- (a) 44 (b) 54
(c) 52 (d) 70

37. Find out the questioned number. (SSC CGL 2nd Sit. 2011)

6 : 5 :: 8 : ?

- (a) 2 (b) 4
(c) 6 (d) 10

DIRECTIONS (Qs. 38-44): Select the related word/letters from the given alternatives.

(SSC Sub. Ins. 2012)

38. Blue whale : Sea :: ? : Land

- (a) Turtle (b) Fish
(c) Elephant (d) Green whale

39. Anaemia : Blood :: Anarchy : ?

- (a) Disorder (b) Monarchy
(c) Government (d) Lawlessness

40. Hard : Rock :: Soft : ?

- (a) Lead (b) Paper
(c) Sponge (d) Glass

41. DHLP : BDFH :: FLRX : ?

- (a) CFHL (b) CFIL
(c) FHLK (d) HLKM

42. DIMP : CJLQ :: UWZA : ?

- (a) XTYB (b) TXBY
(c) XTBY (d) TXYB

43. ABDH : CFHP :: JKMQ : ?

- (a) LOSY (b) KOQY
(c) KPQR (d) LOQY

44. IJKL : STUV :: MNOP : ?

- (a) PQRS (b) RSTU
(c) VWXY (d) WXYZ

45. Among the four sets, find out the set, which is like the given set.

Given set : (12, 72, 216)

(SSC Sub. Ins. 2012)

- (a) (4, 24, 48) (b) (7, 42, 252)
(c) (11, 60, 30) (d) (5, 30, 90)

DIRECTIONS (Qs. 46-51): Select the related letter/word/number from the given alternatives.

(SSC CHSL 2012)

46. Symphony : Composer :: Painter : ?

- (a) Fresco (b) Colours
(c) Art (d) Leonardo

47. Elephant : Tusk :: Parrot : ?

- (a) Quill (b) Feather
(c) Beak (d) Spine

48. 27 : 125 :: 64 : ?

- (a) 162 (b) 216
(c) 273 (d) 517

49. AB : L :: BC : ?

- (a) X (b) V
(c) Y (d) W

50. BDGJ : OQTW :: AFIM : ?

- (a) MUSY (b) MRUY
(c) NSVZ (d) NRZV

51. 8 : 62 :: 9 : ?

- (a) 64 (b) 79
(c) 18 (d) 81

DIRECTIONS (Qs. 52-60): Select the related letters/word number from the given alternatives.

(SSC CGL 1st Sit. 2012)

52. 8 : 12 :: 6 : ?

- (a) 8 (b) 11
(c) 5 (d) 7

53. 13 : 19 :: 21 : ?

- (a) 41 (b) 81
(c) 141 (d) 14

54. Eagle : Swoops :: Duck : ?

- (a) waddles (b) floats
(c) swims (d) flits

55. APPLE : 50 :: ORANGE : ?
 (a) 60 (b) 69
 (c) 61 (d) 63
56. Accommodation : Rent :: Journey : ?
 (a) Freight (b) Octroi
 (c) Fare (d) Expense
57. Fire : Smoke :: ?
 (a) Children : School (b) Cloud : Rain
 (c) Moon : Sky (d) Shoe : Polish
58. Grenade : Gun :: ?
 (a) Sister : Brother (b) Father : Mother
 (c) Man : Woman (d) Head : Brain
59. TSH : IRQ :: QPK : ?
 (a) LNO (b) LON
 (c) PWK (d) PON
60. AEZ : FPY :: BGX : ?
 (a) HWW (b) IYY
 (c) HTX (d) HYW

DIRECTIONS (Qs. 61-69): Select the related letter/word/number from the given alternatives:

(SSC CGL 1st Sit. 2012)

61. Zoology : Animal :: Psychology : ?
 (a) Animal
 (b) Human-being
 (c) Animal and human-being
 (d) Plant
62. CFIL : ABCD :: ? : WXYZ
 (a) ZYXW (b) YBEH
 (c) JHPS (d) XURO
63. L × M : 12 × 13 :: U × W : ?
 (a) 21 × 23 (b) 24 × 26
 (c) 9 × 11 (d) 12 × 23
64. Man : Mammal :: ?
 (a) Liberty : Literate (b) Hail : Snow
 (c) Native : Inhabitant (d) Offspring : Family
65. 6 : 2 :: 8 : ?
 (a) 5 (b) 1
 (c) 3 (d) 7
66. CFIL : XURO :: ORUX : ?
 (a) MJFC (b) ROLI
 (c) RITO (d) LIFC
67. 1 : 8 :: 4 : ?
 (a) 32 (b) 64
 (c) 512 (d) 128
68. Life starts : Embryo :: Life ends : ?
 (a) Death (b) Old age
 (c) Dead body (d) Illness
69. EVFU : TGSH :: IRJQ : ?
 (a) PKLO (b) KWLX
 (c) PKOL (d) OLPK

DIRECTIONS (Qs. 70-78): In each of the following questions, select the related letter/word/number from the given alternatives.

(SSC CGL 2nd Sit. 2012)

70. 9 : 80 :: 100 : ?
 (a) 901 (b) 1009
 (c) 9889 (d) 9999

71. 25 : 125 :: 36 : ?
 (a) 180 (b) 206
 (c) 216 (d) 318
72. 335 : 216 : 987 : ?
 (a) 868 (b) 867
 (c) 872 (d) 888
73. BEGK : ADFJ :: PSVY : ?
 (a) ROUX (b) ORUX
 (c) LQUT (d) LOQT
74. AZBY : CXDW :: EVFU : ?
 (a) GTHS (b) GHTS
 (c) GSTH (d) TGSH
75. BDFH : SUWY :: CEGI : ?
 (a) QTWZ (b) PTVX
 (c) JLNP (d) TVXZ
76. food : man :: fuel : ?
 (a) wood (b) fire
 (c) heat (d) smoke
77. Spiritual : Belief :: Orchestral : ?
 (a) Theatre (b) Situation
 (c) Music (d) Direction
78. Latter : Former :: Hazardous : ?
 (a) Risky (b) Comfortable
 (c) Safe (d) Harmful

DIRECTIONS (Qs. 79 - 87) : Select the related letter / word / number from the given alternatives.

(SSC CGL 2nd Sit. 2012)

79. Length : Metre :: Power : ?
 (a) Calories (b) Degree
 (c) Watt (d) Kilogram
80. Square : Cube :: Circle : ?
 (a) Ellipse (b) Parabola
 (c) Cone (d) Sphere
81. Paper : Tree :: Glass : ?
 (a) Window (b) Sand
 (c) Stone (d) Mirror
82. ACFJ : ZXUQ :: EGIN : ?
 (a) VUSQ (b) VRPM
 (c) UTRP (d) VTRM
83. ACEG : DFHJ :: QSUW : ?
 (a) TVXZ (b) TQST
 (c) MNPR (d) EGIJ
84. EGIK : FILO :: FHJL : ?
 (a) JGMP (b) JGPM
 (c) GJPM (d) GJMP
85. 10 : 91 :: 9 : ?
 (a) 69 (b) 72
 (c) 89 (d) 97
86. 7 : 56 :: 9 : ?
 (a) 63 (b) 81
 (c) 90 (d) 99
87. 20 : 50 :: 100 : ?
 (a) 150 (b) 250
 (c) 200 (d) 156

DIRECTIONS (Qs. 88-93): In each of the following questions, select the related word/ letter/ number from the given alternatives.

(SSC Sub. Ins. 2013)

88. ADHM : ZUQN :: GIKM : ?
 (a) NOQS (b) TQRN
 (c) TRPN (d) TNRP
89. 7 : 133 :: 9 : ?
 (a) 147 (b) 99
 (c) 171 (d) 158
90. 36 : 216 :: 81 : ?
 (a) 729 (b) 629
 (c) 319 (d) 826
91. Victory: Joy :: ? : Sorrow
 (a) Defeat (b) Depression
 (c) Melancholy (d) Cry
92. Body: Stomach :: Library: ?
 (a) Cash (b) Book
 (c) Headmaster (d) School
93. HAND : JBPE :: PALM: ?
 (a) RBNM (b) RBMN
 (c) QBNN (d) RBNN

DIRECTIONS (Qs. 94-95): Select the related letter/word/number from the given alternatives.

(SSC Multitasking 2013)

94. Astronomy : Stars :: Geology : ?
 (a) Sky (b) Geometry
 (c) Science (d) Earth
95. Up : Down :: Back : ?
 (a) Left (b) Deep
 (c) Front (d) Right

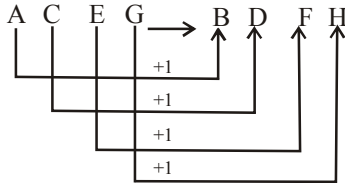
DIRECTIONS (Qs 96-100): Select the related word/letters/number from the given alternatives.

(SSC CHSL 2013)

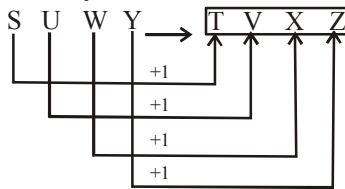
96. MOQS : ACEG :: PRTV : ?
 (a) KMNP (b) OQSU
 (c) EGIJ (d) FHJM
97. 36 : 144 :: 49 : ?
 (a) 196 (b) 154
 (c) 81 (d) 149
98. 76 : 42 :: 66 : ?
 (a) 36 (b) 63
 (c) 12 (d) 35
99. Picture : See :: Book : ?
 (a) Listen (b) Library
 (c) Buy (d) Read
100. Dark : Light :: ?
 (a) Ill : Diseased
 (b) Hot : Cold
 (c) Polluted : Contaminated
 (d) Accrued : Accumulated

Hints & Solutions

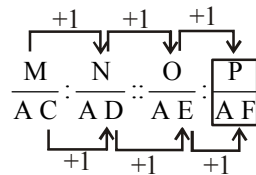
1. (c) As,



Similarly,



2. (a) As,



3. (a) As, $5 \times 5 + 2 = 27$

Similarly, $9 \times 9 + 2 = 83$

4. (c) As, $6 \times 2 - 1 = 11$

Similarly, $11 \times 2 - 1 = 21$

5. (c) As, $A + B + E \Rightarrow 1 + 2 + 5 = 8$

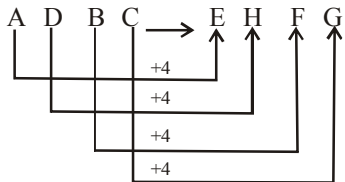
Similarly,

$K + L + O \Rightarrow 11 + 12 + 15 = 38$

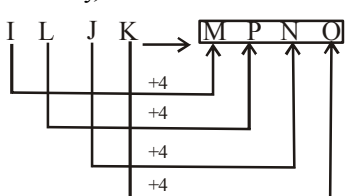
6. (b) The resting place of pig is called Sty. Similarly, the resting place of cow is called Byre.

7. (d) In order to ensure security, police or defence personnel patrol the area. Similarly, to cover risk, insurance is done.

8. (b) As,



Similarly,



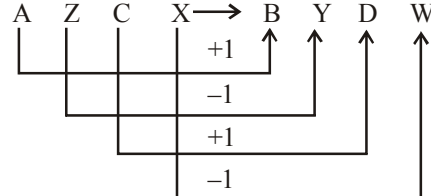
9. (d) $6 \times 5 = 30, 30 \times 3 = 90$

$8 \times 6 = 48, 48 \times 4 = 192$

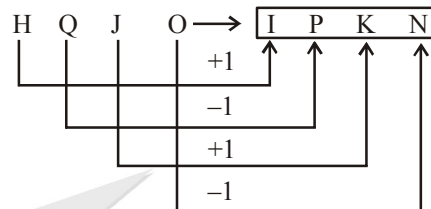
10. (c) Here, animal-behaviour relationship has been shown. Fox is characterised by its cunningness. Similarly, rabbit is considered as timid.

11. (a) Flexible is antonym of Rigid. Similarly, Confidence is antonym of Diffidence.

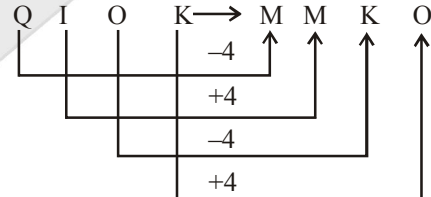
12. (c) As,



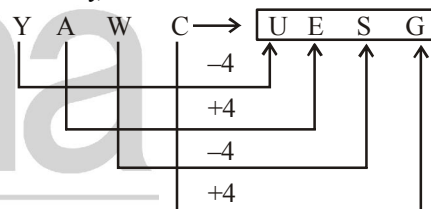
Similarly,



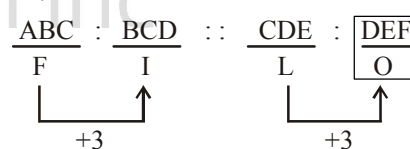
13. (b) As,



Similarly,



14. (a) As,



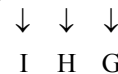
15. (d) As, $(1)^3 = 1; (2)^3 = 8$

$(3)^3 = 27; (4)^3 = 64$

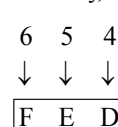
16. (d) $5^2 - 1 = 24; 5^3 + 1 = 126$

$7^2 - 1 = 48; 7^3 + 1 = 344$

17. (b) As,



Similarly,



18. (b) $6 + 8 = 14$; $14 + (8 \times 2) = 30$
 $7 + 5 = 12$; $12 + (5 \times 2) = 22$
19. (c) The body of fish remains covered with scales externally. Similarly, the body of bear remains covered with fur.
20. (c) Here, Writer uses pen for writing. Similarly, painter works on canvas.

21. (d) As,

1	2	3	4	5	6	7
↓	↓	↓	↓	↓	↓	↓
N	U	M	E	R	A	L

It has been arranged as

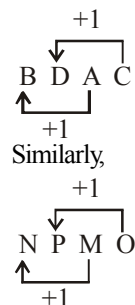
2	4	6	7	5	3	1
↓	↓	↓	↓	↓	↓	↓
U	E	A	L	R	M	N

Similarly,

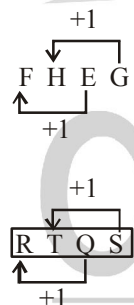
1	2	3	4	5	6	7
↓	↓	↓	↓	↓	↓	↓
A	L	G	E	B	R	A

2	4	6	7	5	3	1
↓	↓	↓	↓	↓	↓	↓
L	E	R	A	B	G	A

22. (d) As,



Similarly,



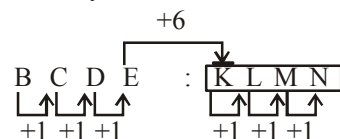
23. (b) As,

F	G	H	I
↑	↑	↑	↑
+1	+1	+1	+1

 :

O	P	Q	R
↑	↑	↑	↑
+1	+1	+1	+1

Similarly,



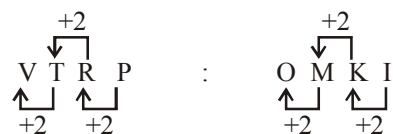
24. (a) As,

P	N	L	J
↑	↑	↑	↑
+2	+2	+2	+2

 :

I	G	E	C
↑	↑	↑	↑
+2	+2	+2	+2

Similarly,



25. (b) As, $17 \times 3 + 9 = 51 + 9 = 60$

Similarly, $20 \times 3 + 9 = 60 + 9 = 69$

26. (b) As, $(6 + 2)^2 = (8)^2 = 64$

Similarly, $(11 + 2)^2 = (13)^2 = 169$

27. (d) As, $123 \Rightarrow 12 \div 3 = 4$

Similarly, $726 \Rightarrow 72 \div 6 = 12$

28. (d) President is the head of Union Executive of a India. Similarly, Governor is the head of State Executive.

29. (c) Mirage is an illusion caused by hot air conditions making one see something that is not there, especially the appearance of a sheet of water on a hot road or in a desert. Similarly, Rainbow is an arch of seven colours formed in the sky when the sun shines through rain.

30. (b) The letters have been written in reverse order.

TEKCAR $\Rightarrow$ RACKET

Similarly,

TCEJBO $\Rightarrow$ OBJECT

31. (d) First three letters are consecutive letters but in reverse order and the fourth letter comes immediately after the first letter in the English alphabetical series.

J $\xrightarrow{-1}$ I $\xrightarrow{-1}$ H $\xrightarrow{+3}$ K

P $\xrightarrow{-1}$ O $\xrightarrow{-1}$ N $\xrightarrow{+3}$ Q

W $\xrightarrow{-1}$ V $\xrightarrow{-1}$ U $\xrightarrow{+3}$ X

M $\xrightarrow{-1}$ L $\xrightarrow{-1}$ K $\xrightarrow{+3}$ N

32. (d) As,

U	U	W	X
↓	↓	↓	↓
+2	+2	+2	+2

W	W	Y	Z
---	---	---	---

Similarly,

O	O	Q	R
↓	↓	↓	↓
+2	+2	+2	+2

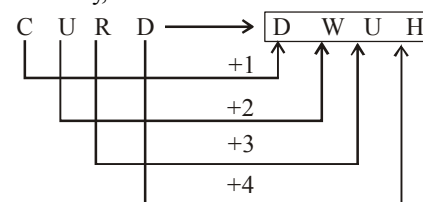
33. (a) As,

B	I	M	N
↑	↑	↑	↑
+1	+2	+3	+4

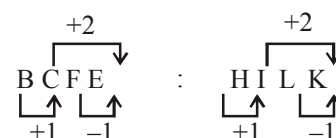
 :

C	K	P	R
---	---	---	---

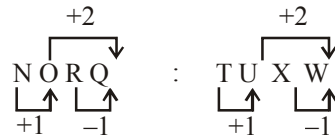
Similarly,



34. (c) As,



Similarly,



35. (d) $4^2 - 1 = 15$
 $4^3 - 1 = 63$
 $3^2 - 1 = 8$
 $3^3 - 1 = 26$

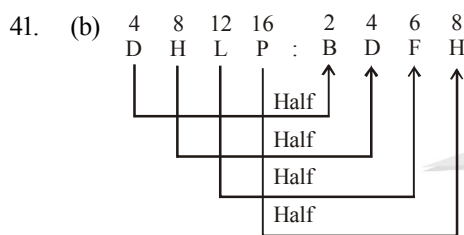
36. (b) $7 + 2 = 9$; $5 + 3 = 8$
 $9 - 8 = 1$
 $6 + 4 = 10$; $5 + 4 = 9$
 $10 - 9 = 1$

37. (c) As, $6 = 3 \times 2$ Similarly, $8 = 4 \times 2$
 $3 + 2 = 5$ $4 + 2 = 6$

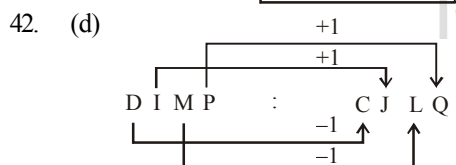
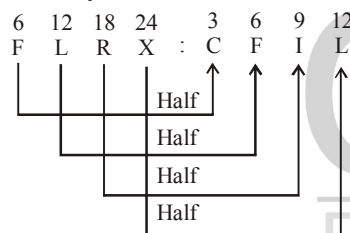
38. (c) As, Blue whale is heaviest animal in the sea. Similarly, Elephant is heaviest animal on the land.

39. (c) Anaemia is the lack of blood. Similarly, Anarchy is the lack of government.

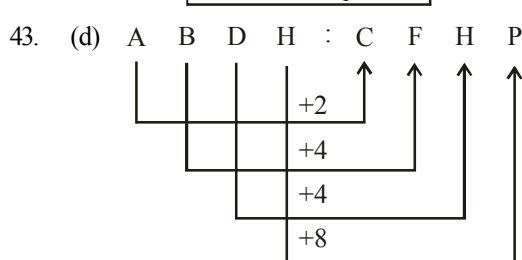
40. (c) As, rock is a hard substance. Similarly, sponge is a soft substance.



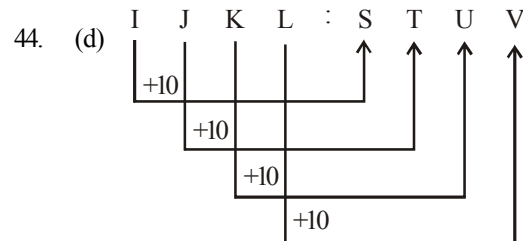
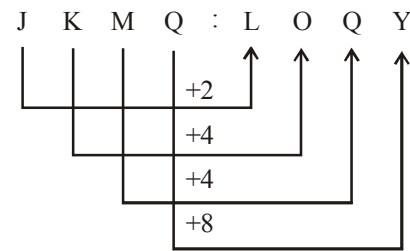
Similarly,



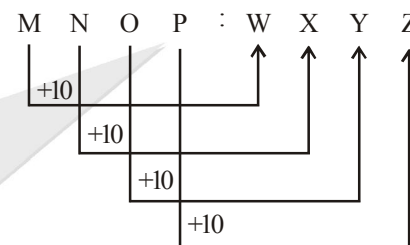
Similarly,



Similarly,



Similarly,



45. (d) Given Set : 12, 72, 216
 $\times 6$ $\times 3$

Similarly, 5, 30, 90
 $\times 6$ $\times 3$

$\therefore$ Option (d) satisfy the condition.

46. (a) Fresco is an art of painting that is done on freshly spread moist lime plaster.

47. (c) Elephant used their tusk as digging and bring tools and parrot used their beak for eating and crushing object.

48. (b) $27 : 125 :: 64 : 216$
 $\downarrow \downarrow \downarrow \downarrow$
 $3^3 5^3 4^3 6^3$
 $+2 +2$

49. (d) A B : L :: B C : W
 $\downarrow \downarrow \downarrow \downarrow \downarrow$
Place value 1 2 12 2 3 23

50. (c) B D G J : O Q T W
 $\downarrow \downarrow \downarrow \downarrow$
 $+13 +13 +13 +13$
 $\therefore$ A F I M : N S V Z
 $\downarrow \downarrow \downarrow \downarrow$
 $+13 +13 +13 +13$

51. (b) $8^2 - 2 = 62$
 $9^2 - 2 = 79$

52. (a) The relationship is $x : (2x - 4)$
 $8 \times 2 - 4 = 16 - 4 = 12$

Similarly, $6 \times 2 - 4 = 12 - 4 = \boxed{8}$

53. (a) $(1)^2 = 1 ; (3)^2 = 9 \Rightarrow 19$
 Similarly, $(2)^2 = 4 ; (1)^2 = 1$
 $\Rightarrow \boxed{41}$

54. (a) The movement of eagle is like swooping. Similarly, the movement of duck is called waddle.

55. (a) As, A P P L E
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $1 + 16 + 16 + 12 + 5 = 50$

Similarly,

O R A N G E
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $15 + 18 + 1 + 14 + 7 + 5 = 60$

56. (c) We pay rent for accommodation. Similarly, we pay fare for journey.

57. (b) Fire causes smoke. Smoke comes out when something is burnt in fire. Similarly, cloud causes rain.

58. (d) Grenade and gun are fire arms. Similarly, head and brain are sensitive organs.

59. (b) As, T S H
 $\swarrow \quad \searrow \quad \swarrow$
 $+1 \quad -2 \quad -2$
 I R Q

Similarly,

Q P K
 $\swarrow \quad \searrow \quad \swarrow$
 $+1 \quad -2 \quad -2$
 L O N

60. (a) As, A E Z F P Y
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $+5 \quad +11 \quad -1$

Similarly,

B G X H W W
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $+6 \quad +16 \quad -1$

61. (b) Zoology is the scientific study of animals. Similarly, Psychology is study of the mind and how it functions. It is the study of human and animals behaviour.

62. (b) C F I L A B C D
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $-2 \quad -4 \quad -6 \quad -8$

Similarly,

Y B E H W X Y Z
 $\downarrow \quad \downarrow \quad \downarrow \quad \downarrow \quad \downarrow$
 $-2 \quad -4 \quad -6 \quad -8$

63. (a) $L \times M = 12 \times 13$
 Position Number in the English alphabet series.
 Similarly,

$U \times W = \boxed{21 \times 23}$

64. (d) Man is a mammal. Man belongs to the class Mammal. Similarly, offspring is a part of family.

65. (c) As, $6 - 2 = 4 ; \frac{4}{2} = 2$

Similarly,

$8 - 2 = 6 ; \frac{6}{2} = 3$

66. (d) C F I L
 $\updownarrow \quad \updownarrow \quad \updownarrow \quad \updownarrow$
 X U R O
 Pairs of Opposite Letters.
 Similarly,

O R U X
 $\updownarrow \quad \updownarrow \quad \updownarrow \quad \updownarrow$
 L I F C

67. (a) As, $1 \times 8 = 8$
 Similarly,

$4 \times 8 = \boxed{32}$

68. (c) Life starts with the formation of embryo. When life ends dead body is left.

69. (a) $E \leftrightarrow V \quad F \leftrightarrow U$
 Pairs of Opposite Letters

$U \xrightarrow{-1} T$
 $T \leftrightarrow G \quad S \leftrightarrow H$
 Pairs of Opposite Letters
 $I \leftrightarrow R \quad J \leftrightarrow Q$
 Pairs of Opposite Letters

$Q \xrightarrow{-1} P$
 $P \leftrightarrow K \quad O \leftrightarrow L$

Pairs of Opposite Letters

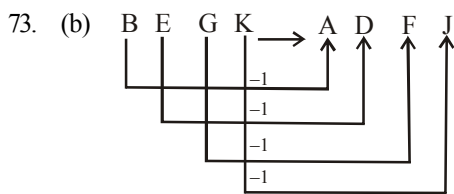
70. (d) The relationship between the numbers is :

$x : (x^2 - 1)$
 $(9)^2 - 1 = 81 - 1 = 80$
 $(100)^2 - 1 = 10000 - 1 = 9999$

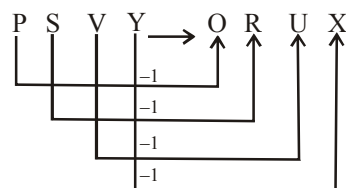
71. (c) The relationship between the numbers is :

$x^2 : x^3$
 $(5)^2 = 25 ; (5)^3 = 125$
 $(6)^2 = 36 ; (6)^3 = 216$

72. (a) The relationship between the numbers is :
 $x : x - 119$
 $335 - 119 = 216$
 $987 - 119 = 868$



Similarly,



74. (a) Pairs of consecutive opposite letters are given :
AZ, BY, CX, DW, EV, FU, GT, HS

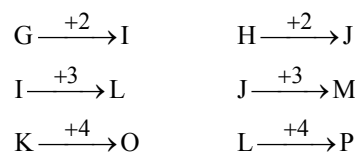
75. (d) $B \xrightarrow{+2} D \xrightarrow{+2} F \xrightarrow{+2} H$
 $S \xrightarrow{+2} U \xrightarrow{+2} W \xrightarrow{+2} Y$
 $B \xrightarrow{+1} C$
 $C \xrightarrow{+2} E \xrightarrow{+2} G \xrightarrow{+2} I$
 $S \xrightarrow{+1} T$
 $T \xrightarrow{+2} V \xrightarrow{+2} X \xrightarrow{+2} Z$

76. (b) Food is necessary for man. Similarly, fuel is necessary for fire.
77. (c) Spiritual and Belief are inter-related terms. Similarly, Orchestral and music are related.
78. (c) Latter and Former are antonymous to each other. Similarly, Hazardous and Safe are antonymous to each other.
79. (c) Metre is a unit of length likewise watt is a unit of power.
80. (d) As, cube is 3-D of square. Similarly, sphere is 3-D of circle.
81. (b) As, paper is product of Tree. Similarly, glass is a product of sand.

82. (d) As, A C F J
 ↓ ↓ ↓ ↓
 Z X U Q

Similarly, E G I N
 ↓ ↓ ↓ ↓
 V T R M

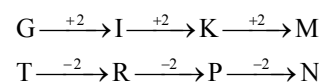
83. (a) As, $A \xrightarrow{+3} D$ Similarly $Q \xrightarrow{+3} T$
 $C \xrightarrow{+3} F$ $S \xrightarrow{+3} V$
 $E \xrightarrow{+3} H$ $U \xrightarrow{+3} X$
 $G \xrightarrow{+3} J$ $W \xrightarrow{+3} Z$
84. (d) As, Similarly
 $E \xrightarrow{+1} F$ $F \xrightarrow{+1} G$



85. (b) The relationship is $x : (x^2 - 9)$.
86. (c) The relationship is $x : x(x + 1)$
87. (b) $20 \times 2.5 = 50$
 $100 \times 2.5 = 250$

88. (c) $A \xrightarrow{+3} D \xrightarrow{+4} H \xrightarrow{+5} M$
 $Z \xrightarrow{-5} U \xrightarrow{-4} Q \xrightarrow{-3} N$

Similarly,



89. (c) $7 \times 19 = 133$

Similarly,

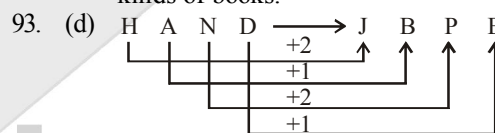
$$9 \times 19 = 171$$

90. (a) $(6)^2 = 36 : (6)^3 = 216$

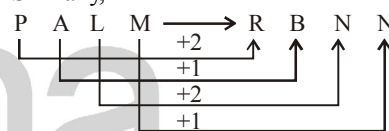
Similarly,

$$(9)^2 = 81 : (9)^3 = 729$$

91. (a) Victory is joyful. Similarly, defeat is sorrowful.
92. (b) Stomach is a part of body. Similarly, library has different kinds of books.



Similarly,



94. (d) Astronomy is the branch of science which deals with celestial objects such as moons, planets, stars, galaxies etc. While geology is the science which deals with the physical substance of the earth, their history, and the processes which act on them.

95. (c) Second is the opposite of first.

96. (b)
-

97. (a) $36 = 6^2$ $144 = 12^2$
 $49 = 7^2$ $196 = 14^2$

98. (a) $7 \times 6 = 42$
 $6 \times 6 = 36$

99. (d) Picture is seen. Similarly, book is read.

100. (b) Both are antonyms.