**6th Edition**

# 73
## Topic-wise
# SSC
# Reasoning Ability
## Previous Year Solved Papers
### (2010 - 2023)
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# CONTENTS

**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.  $\dfrac{M}{AC} : \dfrac{N}{AD} :: \dfrac{O}{AE} : ?$

    (a) $\dfrac{P}{AF}$   (b) $\dfrac{Q}{AB}$   (c) $\dfrac{P}{AC}$   (d) $\dfrac{R}{AD}$

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

    (a) $\dfrac{DEF}{O}$       (b) $\dfrac{DEF}{N}$

    (c) $\dfrac{EDF}{O}$       (d) $\dfrac{DEF}{M}$

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) IUVW       (d) STUW

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.*

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.*

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.*

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.*

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.*

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 96-103):** *Select the related word/letters/number from the given alternatives.*

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

101. Swimming : River : : Hiking : ?
    (a) Mountain      (b) Sea
    (c) Road      (d) Pond

102. HOPEFUL : LUFEPOH :: ETHNICITY : ?
    (a) ICINHTEYT      (b) CINHTEYTI
    (c) YTICINHTE      (d) TICINHTEY

103. Find out the set among the four sets which is like the given set.
    (23 : 30 : 37)     
    (a) (21 : 28 : 34)      (b) (12 : 19 : 25)
    (c) (6 : 13 : 20)      (d) (7 : 15 : 22)

**DIRECTIONS (Qs. 104-105):** *In the following questions, select the related letter/ word from the given alternatives.*

104. Horse : Neigh : : Bells : ?
    (a) Beat      (b) Chime
    (c) Rustle      (d) Roar

105. A - E : R - V : : B - F : F - J
    (a) CTDH      (b) BSCG
    (c) FUGK      (d) CSCG

**DIRECTIONS (Qs. 106-111):** *In each of the following questions, select the related letters/word/number from the given alternatives.*

106. Chisel : Sculptor :: Harrow?
    (a) Gardener      (b) Mason
    (c) Blacksmith      (d) Guard

107. Moon : Satellite :: Earth?
    (a) Sun      (b) Planet
    (c) Solar system      (d) Round

108. BJCI : JBIC :: CXDW : ?
    (a) JCDU      (b) BCJU
    (c) EVFU      (d) XCWD

109. AB : NO :: LM : ?
    (a) OL      (b) KP
    (c) PK      (d) YZ

110. AG : IO :: EK : ?
    (a) LR      (b) MS
    (c) PV      (d) SY

111. 25 : 175 :: 32 : ?
    (a) 150    (b) 170    (c) 162    (d) 160

**DIRECTIONS (Qs. 112-115 ):** *In the questions, select the related letters/word/number from the given alternatives.*

112. F : 216 :: L : ?
    (a) 1700      (b) 1600
    (c) 1723      (d) 1728

113. MOUSE : KPSTC :: LIGHT : ?
    (a) JGEFR      (b) JJEIR
    (c) MJHIU      (d) MGHFUL

114. Tanning : Leather :: Pyrotechnics : ?
    (a) Fireworks      (b) Wool
    (c) Machinery      (d) Bombs

115. King : Throne :: Rider ?
    (a) Horse      (b) Seat
    (c) Saddle      (d) Chair

**DIRECTIONS (Qs. 116-119):** *Select the related words/numbers from the given alternatives.*

116. A + B + Y + Z = 54
    C + D + W + X = ?
    (a) 45      (b) 54
    (c) 56      (d) 52

117. Petrology : Rocks : : Palaeontology : ?
    (a) Birds      (b) Animals
    (c) Fossils      (d) Soil

118. Melt : Liquid : : Freeze : ?
    (a) Crystal        (b) Solid
    (c) Ice            (d) Evaporate
119. 8 : 27 : : ? : 81
    (a) 24             (b) 34
    (c) 44             (d) 54

**DIRECTIONS (Qs. 120-123) :** *In each of the following questions, select the related number/word/letter from given alternatives.*

**(SSC CGL 2ⁿᵈ Sit. 2013)**

120. 9 : 7 : : 80 : ?
    (a) 48             (b) 50
    (c) 78             (d) 82
121. Defer : Put off : : Deduce : ?
    (a) Infer          (b) Protect
    (c) Delate         (d) Oppose
122. Fish : Gills : : Human : ?
    (a) Heart          (b) Lungs
    (c) Nose           (d) Mouth
123. CARD : IGXJ : : POST : ?
    (a) UTXY           (b) VUYZ
    (c) UTYZ           (d) VUXY

**DIRECTIONS (Qs. 124-129):** *Select the related letter/word/ number from the given alternatives.*

**(SSC Sten. 2013)**

124. Cup : Coffee : Bowl : ?
    (a) Dish           (b) Soup
    (c) Milk           (d) Food
125. Ink : Pen : Petrol : ?
    (a) Bus            (b) Car
    (c) Train          (d) Tractor
126. MAD : JXA : RUN : ?
    (a) OSQ            (b) PRJ
    (c) UXQ            (d) ORK
127. 57913 : EGIM : 35816 : ?
    (a) CDIR           (b) BCHP
    (c) CEHQ           (d) CEHP
128. 8 : 39 : : 72 : ?
    (a) 64             (b) 312
    (c) 351            (d) 300
129. 16 : 36 : : 64 : ?
    (a) 4              (b) 6
    (c) 8              (d) 100

**DIRECTIONS (Qs. 130-135) :** *In each questions below, select the related word/letter/number from the given alternatives.*

**(SSC Sub. Ins. 2014)**

130. Saint : Meditation : : Scientist : ?
    (a) Research       (b) Knowledge
    (c) Spiritual      (d) Rational
131. King : Palace :: Eskimo : ?
    (a) Caravan        (b) Asylum
    (c) Monastery      (d) Igloo
132. AFKP : DINS :: WBGL : ?
    (a) ORUX           (b) OSWA
    (c) OTYD           (d) OQSU

133. SINGER : QGLECP :: MONSTER : ?
    (a) KLNSCP         (b) KLMSCP
    (c) KMLQRCP        (d) KLMTDO
134. 18 : 5 : : 12 : ?
    (a) 4              (b) 10
    (c) 3              (d) 6
135. 12 : 20 : : ?
    (a) 15 : 37        (b) 16 : 64
    (c) 27 : 48        (d) 30 : 42

**DIRECTIONS (Qs. 136-139) :** *elect the related word/letter/ number from the given alternatives.*

**(SSC Multitasking 2014)**

136. 3 : 7 : : 15 : ?
    (a) 30             (b) 35
    (c) 45             (d) 49
137. Kalidas : Meghdoot : : Kautilya : ?
    (a) Ramayana       (b) Arthashastra
    (c) Kamayani       (d) Kadambari
138. Water : Ocean : : Sand : ?
    (a) Island         (b) Waves
    (c) River          (d) Desert
139. ABC : XYZ : ; CDE : ?
    (a) UVW            (b) WXY
    (c) AVW            (d) VWX

**DIRECTIONS (Qs. 140-145 ):** *Select the related word/letter/ number from the given alternatives.*

**(SSC CGL 1ˢᵗ Sit. 2014)**

140. Voyage : Sea sickness : : Heights : ?
    (a) Ship           (b) Travel
    (c) Giddiness      (d) Motion
141. Waitress : Restaurant : : ?
    (a) Doctor : Nurse  (b) Driver : Truck
    (c) Teacher : School (d) Actor : Role
142. AROUND : RAUODN : : GROUND : ?
    (a) RGUODN         (b) NDOOGR
    (c) OUNDGR         (d) DNUURG
143. APPROACHED : ROACHEDAPP : : BARGAINED : ?
    (a) AINEDBARG      (b) GAINEDBAR
    (c) GAINEDRAB      (d) RABGAINED
144. 8 : 256 : : ?
    (a) 7 : 343        (b) 9 : 243
    (c) 10 : 500       (d) 5 : 75
145. 21 : 3 : : 574 : ?
    (a) 23             (b) 82
    (c) 97             (d) 113

**DIRECTIONS (Qs. 146-151):** *Select the related letter/word/ number from the given alternatives.*

**(SSC Sten. 2014)**

146. SILK : NDGF : SOIL : ?
    (a) NJDG           (b) RNHK
    (c) NIBD           (d) NKFJ
147. 7 : 47 : : 9 : ?
    (a) 79             (b) 94
    (c) 50             (d) 81

148. ACF : BDG : : EGJ : ?
    (a)   BDF            (b)   FHK
    (c)   EFG            (d)   ADF
149. ACEF : GIKL : : MOQR : ?
    (a)   SUWY          (b)   TVXZ
    (c)   TUXY          (d)   SUWX
150. Lamp : Oil : : Electric Bulb : ?
    (a)   Current         (b)   Bright
    (c)   Holder          (d)   Switch
151. Poem : Poet : : ? : Book
    (a)   Editor          (b)   Author
    (c)   Writer          (d)   Publisher

**DIRECTIONS (Qs. 152-160):** *In the following Nine questions, select the related word/letters/number from the given alternatives.*

*(SSC Sten. 2014)*

152. Optimist : Cheerful : : Pessimist : ___?___
    (a)   Petty           (b)   Helpful
    (c)   Gloomy        (d)   Mean
153. GHJM : QRTW : : CDFI : ___?___
    (a)   XYZQ         (b)   GHIJ
    (c)   NOPR          (d)   MNPS
154. CIQY : DJRZ : : AGOW : ___?___
    (a)   BHPU         (b)   BJRZ
    (c)   BJPX          (d)   BHPX
155. CAFD : IGLJ : : OMRP : ___?___
    (a)   URSR          (b)   PONM
    (c)   ZYXW         (d)   USXV
156. 8 : 64 : : 27 : ___?___
    (a)   212            (b)   125
    (c)   64             (d)   81
157. 4 : 20 : : 6 : ___?___
    (a)   8              (b)   42
    (c)   36            (d)   12
158. 27 : 9 : : 64 : ___?___
    (a)   16            (b)   20
    (c)   8              (d)   12
159. Yard : Inch : : Quart : ___?___
    (a)   Milk           (b)   Liquid
    (c)   Gallon         (d)   Ounce
160. Pesticide : Crop : : Antiseptic : ___?___
    (a)   Bandage       (b)   Bleeding
    (c)   Wound         (d)   Clothing

**DIRECTIONS (Qs. 161-165) :** *In each questions below, select the related word/letters/number from the given alternatives.*

*(SSC Sub. Ins. 2015)*

161. 9 : 24 : : ? : 6
    (a)   3              (b)   2
    (c)   1              (d)   5
162. hive : bee :: eyrie : ?
    (a)   Pigeon         (b)   Sparrow
    (c)   Parrot          (d)   Eagle
163. STAR : RATS :: WARD : ?
    (a)   MICE          (b)   SHINE
    (c)   FAME          (d)   DRAW
164. DCBA : WXYZ :: IJKL : ?
    (a)   SRQP         (b)   QPON
    (c)   PONM         (d)   RQPO

165. DHLPTX : BFJMRV :: CGKOSW : ?
    (a)   AIOMUQ       (b)   UMQEIA
    (c)   IJKLMN        (d)   AEILQU
166. Choose the similar group of numbers on the basis of certain common properties they possess    **(SSC Sub. Ins. 2015)**
    (31, 19, 41)
    (a)   (23,33,51)       (b)   (16,27,11)
    (c)   (27,29,47)       (d)   (29,17,37)

**DIRECTIONS (Qs. 167-175) :** *Select the related word/letters/ number from the given alternatives.*

*(SSC CHSL 1ˢᵗ Sit. 2015)*

167. 6 : 42 :: 5 : ?
    (a)   40           (b)   30
    (c)   35           (d)   45
168. Hockey : India :: Baseball :?
    (a)   USA          (b)   Russia
    (c)   Australia      (d)   China
169. Ant : Fly : Bee :: Hamster : Squirrel : ?
    (a)   Rodent         (b)   Mouse
    (c)   Cat           (d)   Spider
170. 144 : 13 :: 49 : ?
    (a)   8            (b)   10
    (c)   11          (d)   9
171. ABDE : GHJK :: MNPQ : ?
    (a)   RTUW        (b)   STVW
    (c)   CEFH        (d)   RSUV
172. ACE : GIK : : MOQ : ?
    (a)   SUW         (b)   VXZ
    (c)   RTU         (d)   STU
173. GNIDAER : READING :: NOITULOS :?
    (a)   Solunoit       (b)   Nailosut
    (c)   Pollution      (d)   Solution
174. Brick : Wall : : Cell :?
    (a)   Chlorophyll     (b)   Organs
    (c)   DNA          (d)   Tissue
175. 21 : 3 :: 574 : ?
    (a)   23           (b)   82
    (c)   113         (d)   97

**DIRECTIONS (Qs. 176-185):** *select the related word/letters/ numbers from the given alternatives.*

*(SSC CHSL 2ⁿᵈ Sit. 2015)*

176. SUMO:PRJL: : TAXI : ___?
    (a)   WDXJ        (b)   QDVF
    (c)   QXUF         (d)   QDNF
177. Concord : Agreement : : Discord : ___?
    (a)   Comparison    (b)   Conflict
    (c)   Association     (d)   Blended
178. Female : Feminine: : Male : ___?
    (a)   Man          (b)   Masculine
    (c)   Macho         (d)   Manager
179. 42 : 20 : : 64 : ___?
    (a)   33           (b)   34
    (c)   31          (d)   32
180. PS : VY : : FI : ___?
    (a)   VZ           (b)   WZ
    (c)   LO           (d)   UX

181. Carpentry : Skill ___? :Talent
    (a) Singing
    (b) Plumbing
    (c) Driving
    (d) Masonry

182. $\dfrac{1}{4} : \dfrac{1}{8} :: \dfrac{2}{3} :$ ____?
    (a) $\dfrac{1}{2}$
    (b) 1
    (c) $\dfrac{1}{4}$
    (d) $\dfrac{1}{3}$

183. KcaC : CacK : : XgmF : ____?
    (a) FmgX
    (b) Gmef
    (c) EmgF
    (d) EgmX

184. Choose the similar group of numbers on the basis of certain common properties they possess:
    (72, 66, 96)
    (a) (24,69,58)
    (b) (55,66,77)
    (c) (63,70,86)
    (d) (54,57,78)

185. $6 + \sqrt[3]{216}; 7 + \sqrt[3]{343}; 8 + \sqrt[3]{512}; 9 + \sqrt[3]{729};$ ?__
    (a) $10 + \sqrt{10000}$
    (b) $10 + \sqrt{10^5}$
    (c) $10 + \sqrt{100}$
    (d) $10 + \sqrt{1000}$

**DIRECTIONS (Qs. 186-191):** *In the following Six Questions, select the related word/letters/number from the given alternatives.*

*(SSC CGL 1st Sit. 2015)*

186. Haematology : Blood : : Phycology : ?
    (a) Fungi
    (b) Fishes
    (c) Algae
    (d) Diseases

187. Pride of Lions : : _____ of cats
    (a) Herd
    (b) School
    (c) Clowder
    (d) Bunch

188. MAN : PDQ : : WAN : ?
    (a) ZDQ    (b) NAW    (c) YQD    (d) YDQ

189. AEFJ : KOPT : : ? : QUVZ
    (a) GLKP
    (b) GKLP
    (c) HLKP
    (d) HKQL

190. 2 : 32 : : 3 : ?
    (a) 243    (b) 293    (c) 183    (d) 143

191. D × H : 4 × 8 as M × Q : ?
    (a) 12 × 17
    (b) 12 × 16
    (c) 13 × 17
    (d) 14 × 18

**DIRECTIONS (Qs. 192-197) :** *In questions, select the related word/letters number from the given alternatives.*

*(SSC CGL 1st Sit. 2015)*

192. BLOCKED : YOLXPVW : : ? : OZFMMXS
    (a) LABOURS
    (b) LAUNNCH
    (c) DEBATES
    (d) RESULTS

193. 12 : 72 : : 8 : ?
    (a) 36    (b) 32    (c) 38    (d) 40

194. FIG : EGHJFH : : BIN : ?
    (a) ACJHMO
    (b) CAHJMOC
    (c) CAJHOM
    (d) ACHJMO

195. 6 : 42 : : 7 : ?
    (a) 48    (b) 40    (c) 56    (d) 52

196. Garbage : House : : Gangue : ?
    (a) Factory
    (b) Drugs
    (c) Office
    (d) Ore

197. DBU : EEZ : : CJH : ?
    (a) DMN
    (b) DNM
    (c) DNN
    (d) DMM

**DIRECTIONS (Qs. 198-200):** *Select the related word/Letters/numbers from the alternatives.*

*(SSC CGL 1st Sit. 2016)*

198. Pig : Sty : : Dog : ?
    (a) Burrow
    (b) Hives
    (c) Shed
    (d) Kennel

199. BDGK : ACFJ : : ? : DFIM
    (a) FKGH
    (b) EGJN
    (c) EGIK
    (d) FGHI

200. 01 : 36 : : 02 : ?
    (a) 48
    (b) 49
    (c) 69
    (d) 70

**DIRECTONS : (Qs. 201-203) :** *Select the related word/letters/numbers from the given alternatives :*

*(SSC CGL 1st Sit. 2016)*

201. Length : Meter :: Power : ?
    (a) Calories
    (b) Degree
    (c) Watt
    (d) Kilogram

202. ZXVT : YWUS : : RPNL : ?
    (a) XVTS
    (b) TSQP
    (c) SQPM
    (d) QOMK

203. 42 : 20 :: 64 : ?
    (a) 31
    (b) 32
    (c) 33
    (d) 34

**DIRECTIONS (Qs. 204-206) :** *Select the related word/letters/numbers from the given alternatives:*

*(SSC CGL 2nd Sit. 2016)*

204. Cytology : Cells :: ? : Birds
    (a) Odontology
    (b) Mycology
    (c) Etymology
    (d) Ornithology

205. RIGT : WDBY :: FUSH : ?
    (a) PKJQ
    (b) BYWD
    (c) DXWB
    (d) KPNP

206. 42 : 56 :: 110 : ?
    (a) 18    (b) 132    (c) 136    (d) 140

**DIRECTIONS (Qs. 207-209) :** *Select the related word/letters/numbers from the given alternatives:*

*(SSC CGL 2nd Sit. 2016)*

207. Medicine : Patient : : Education : ?
    (a) Teacher
    (b) School
    (c) Student
    (d) Tuition

208. LAMP : IXJM :: FISH : ?
    (a) CGPF
    (b) CFQE
    (c) CFPE
    (d) CGQF

209. 13 : 20 : : 17 : ?
    (a) 25
    (b) 26
    (c) 27
    (d) 28

**DIRECTIONS (Qs. 210-215) :** *In the following six questions, select the related word/letters/number from the given alternatives.*

210. Nurture : Neglect : : Denigrate : ? **(SSC CGL 2nd Sit. 2016)**
    (a) Extol                    (b) Reveal
    (c) Recognise                (d) Reply

211. ABDG : ZYWT : : BCEH : ?
    (a) YXTS                     (b) QPRU
    (c) SVXY                     (d) YXVS

212. Modesty : Arrogance : : ?
    (a) Debility : Strength
    (b) Obese : Fat
    (c) Ship : Fleet
    (d) Speak : Lecture

213. 43 : 57 : : 111 : ?
    (a) 135                      (b) 133
    (c) 134                      (d) 136

214. AZBY : CXDW : : EVFU : ?
    (a) GTHS                     (b) FUVE
    (c) ZYEU                     (d) BXWD

215. 23 : 0827 : : 45 : ?
    (a) 12125                    (b) 64125
    (c) 12025                    (d) 08125

**DIRECTIONS (Qs. 216-218) :** *In the following questions, select the related word pair from the given alternatives.*

216. Power : Watt : : ? : ?     **(SSC CGL 2017)**
    (a) Pressure : Newton  (b) Force : Pascal
    (c) Resistance : Mho   (d) Work : Joule

217. NPBG : OQCH : : AJOT : ?
    (a) BKPU                     (b) BUPK
    (c) BHKP                     (d) HBKU

218. 101 : 10201 : : 107 : ?
    (a) 10707                    (b) 10749
    (c) 11449                    (d) 11407

**DIRECTIONS (Qs. 219-221) :** *In the following questions, select the related word/number from the given alternatives.*

219. Car : Road : : Ship : ?    **(SSC CGL 2017)**
    (a) Water                    (b) Air
    (c) Road                     (d) Both Air and Water

220. GLOW : FJNU : : PTEL : ?
    (a) ORFN                     (b) ORDJ
    (c) ORJD                     (d) OPNF

221. 5 : 124 : 6 : ?
    (a) 215                      (b) 216
    (c) 217                      (d) 220

**DIRECTIONS (Qs. 222-224) :** *In the following questions, select the related word pair from the given alternatives.*

222. Kilometre : Metre : : Tonne : ? **(SSC CGL 2017)**
    (a) Litre                    (b) Kilogram
    (c) Hours                    (d) Weight

223. AGN : IOV : : BLM : ?
    (a) JTU                      (b) KTU
    (c) JUV                      (d) TUJ

224. 9143 : 9963 : : 6731 : ?

(a) 1368                        (b) 5666
(c) 8964                        (d) 9694

**DIRECTIONS (Qs. 225-227) :** *In the following question, select related word pair/number from the given alternatives.*

225. Fire : Burn : : ? : ?      **(SSC CGL 2017)**
    (a) Water : Drink      (b) Wood : Tress
    (c) Ice : Freeze       (d) Flower : Rose

226. KLMN : IJKL : : TUVW : ?
    (a) RSUT                     (b) VWXY
    (c) STUV                     (d) RSTU

227. 3 : 27 : : 4 : ?
    (a) 63                       (b) 64
    (c) 65                       (d) 15

**DIRECTIONS (Qs. 228-231):** *Choose the related word/letters number from the given alternatives.*

228. Horse : Neigh : : Elephant : ? **(SSC CHSL 2017)**
    (a) Quack                    (b) Trumpet
    (c) Mew                      (d) Grunt

229. GH : 78 : : ? : 1819
    (a) HG                       (b) LM
    (c) RS                       (d) IJ

230. CAR : RAC : : TYRE : ?
    (a) RUBBER                   (b) ERTY
    (c) ERYT                     (d) STEEL

231. 12 : 60 : : 28 : ?
    (a) 160                      (b) 150
    (c) 145                      (d) 140

**DIRECTIONS (232 to 235):** *Select the related word/ letters/ number from the given alternatives.*

232. RATE : EATR : : SEAT : ?   **(SSC MTS 2017)**
    (a) TSEA                     (b) TESA
    (c) TEAS                     (d) TSAE

233. Book : Literature : : ? : ?
    (a) Man : Beast       (b) Dancer : Musician
    (c) Song : Music      (d) Species : Science

234. 21 : 3 : : 574 : ?
    (a) 97                       (b) 23
    (c) 82                       (d) 113

235. Giant : Dwarf : : Genius : ?
    (a) Tiny                     (b) Gentle
    (c) Idiot                    (d) Wicked

**DIRECTIONS (Qs. 236-241) :** *In the following question, select the related word from the given alternatives.*

236. Influenza: Virus :: Ringworm: ? **(SSC Sub. Ins. 2017)**
    (a) Bacteria                 (b) Fungi
    (c) parasite                 (d) Protozoa

237. Fan: Blades: : ? : ?
    (a) Bonnet : Car       (b) Room : House
    (c) Arc : Circle       (d) Book : Chapter

238. LSFW : NTHX : : PKWE : ?
    (a) RYLF                     (b) RLYE
    (c) RLYF                     (d) RLGF

239. LMNO : NQTW :: GHIJ : ?
    - (a) ILOR
    - (b) ILRO
    - (c) ILMO
    - (d) LRMO

240. 11 : 120 :: 13 : ?
    - (a) 165
    - (b) 168
    - (c) 170
    - (d) 169

241. 103 : 10609 : : 106 : ?
    - (a) 10606
    - (b) 10306
    - (c) 11236
    - (d) 13636

**DIRECTIONS (242-250) :** In the following question, select the related from the given alternatives.

242. 11 : 121 : : 12 : ? **(SSC Steno. 2017)**
    - (a) 144
    - (b) 169
    - (c) 196
    - (d) 154

243. 15 : 256 : : 14 : ?
    - (a) 225
    - (b) 144
    - (c) 25
    - (d) 95

244. 108 : 11664 : : 107 : ?
    - (a) 11449
    - (b) 10449
    - (c) 10849
    - (d) 11749

245. CHARGER : DGBQHOS : : CELLULAR : ?
    - (a) DDMKVKBQ
    - (b) DDNKKVBQ
    - (c) DDMKUKCQ
    - (d) DDNKUBVQ

246. ROME : QNLD : : MORE : ?
    - (a) LNQD
    - (b) LNQC
    - (c) LMQD
    - (d) LMQC

247. CHANNEL : XSZMMVO : MUSICAL : ?
    - (a) NFHRXZO
    - (b) NFHQYZP
    - (c) NEHRXZP
    - (d) NFIRXZO

248. Rain : Clouds : : Heat : ?
    - (a) Distance
    - (b) Sun
    - (c) Night
    - (d) Day

249. Garden : Plants : : Book : ?
    - (a) Words
    - (b) Pages
    - (c) Writing
    - (d) White

250. Doctor : Patient : : Teacher : ?
    - (a) Teach
    - (b) Student
    - (c) School
    - (d) Old

251. Select the word pair in which the two words are related in the same way as the two words in the following word-pair.
    Season : Winter **(SSC CGL 2018)**
    - (a) Week : Calendar
    - (b) Summer : Autumn
    - (c) Year : Century
    - (d) Month : April

252. Select the option that is related to the third number in the same way as the second number is related to the first number.
    12 : 68 :: 21 : ? **(SSC CGL 2018)**
    - (a) 49 (b) 117 (c) 119 (d) 79

253. Select the option that is related to the third number in the same way as the second number is related to the first number.
    12 : 192 :: 15 : ? **(SSC CGL 2018)**
    - (a) 245
    - (b) 240
    - (c) 225
    - (d) 250

254. Select the word-pair in which the two words are related in the same way as the two words in the following word-pair.
    Dirty : Filthy **(SSC CGL 2018)**
    - (a) Perfect : Unique
    - (b) Shy : Timid
    - (c) Cute : Child
    - (d) Bright : Sunlight

255. 'Heart' is related to 'Circulation in the same way as 'Kidney' is related to _____. **(SSC CGL 2018)**
    - (a) Reproduction
    - (b) Respiration
    - (c) Energy Production
    - (d) Excretion

256. 'Machine' is related to 'Operator' in the same way as 'Car' is related to '_____'. **(SSC CHSL 2018)**
    - (a) Driver
    - (b) Bus
    - (c) Mechanic
    - (d) Engine

257. Select the set in which the numbers are related in the same way as are the numbers of the following set. **(SSC CHSL 2018)**
    (64, 100, 328)
    - (a) (16, 36, 54)
    - (b) (49, 81, 137)
    - (c) (25, 49, 148)
    - (d) (36, 64, 97)

258. Select the set in which the numbers are related in the same way as are the numbers of the following set.
    **(SSC CHSL 2018)**
    (45, 49, 47)
    - (a) (25, 54, 79)
    - (b) (15, 19, 37)
    - (c) (5, 39, 44)
    - (d) (35, 59, 47)

259. Select the option that is related to the third letter-pair in the same way as the second letter-pair is related to the first letter-pair. **(SSC CHSL 2018)**
    PM : UT : : RU : ?
    - (a) XA
    - (b) XB
    - (c) WA
    - (d) WB

260. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair. **(SSC CHSL 2018)**
    42 : 56
    - (a) 17 : 49
    - (b) 22 : 44
    - (c) 35 : 51
    - (d) 12 : 20

261. Select the word-pair in which the two words are related in the same way as are the two words in the following word-pair. **(SSC CHSL 2018)**
    Trim : Hair
    - (a) Dog : Stag
    - (b) Eye : Red
    - (c) Prune : Shrub
    - (d) Nail : Face

262. 'Disease' is related to 'Pain' in the same way as 'Accident' is related to '_____'. **(SSC Sub. Ins. 2018)**
    - (a) Collision
    - (b) Carelessness
    - (c) Injury
    - (d) Driving

263. Select the option that is related to the third number in the same way as the second number is related to the first number.
    24 : 13 :: 38 : _____ **(SSC Sub. Ins. 2018)**
    - (a) 23
    - (b) 17
    - (c) 20
    - (d) 25

264. 'Bird' is related to 'Wings' in the same way as 'Fish' is related to '_____'. **(SSC Sub. Ins. 2018)**
    - (a) Gills
    - (b) Fins
    - (c) Scales
    - (d) Belly

265. Select the set of numbers that is similar to the following set.
{9, 10, 23}                                        **(SSC Sub. Ins. 2018)**
(a)   {15, 24, 33}          (b)   {7, 15, 25}
(c)   {16, 25, 32}          (d)   {4, 9, 16}

266. Select the option that is related to the third number in the same way as the second number is related to the first number.
6 : 35 :: 9 : _____                        **(SSC Sub. Ins. 2018)**
(a)   65                     (b)   85
(c)   80                     (d)   99

267. Select the option that is related to the third term in the same way as the second term is related to the first term.
HKNQ : JIPO :: DGJM : _____          **(SSC Sub. Ins. 2018)**
(a)   EELK                   (b)   FELK
(c)   FEJK                   (d)   FENO

268. Select the word pair in which the two words are related in the same way as are the two words in the given word-pair.
Small : Dimension                          **(SSC Sub. Ins. 2018)**
(a)   Cold : Winter         (b)   Heat : Temperature
(c)   Triangle : Area       (d)   Heavy : Weight

269. Select the option that is related to the third term in the same way as the second term is related to the first term.
ATKR : FYPW :: TLPG : _____.          **(SSC Sub. Ins. 2018)**
(a)   XTQL                   (b)   YTQL
(c)   XQTL                   (d)   YQUL

270. Select the set of numbers that is similar to the following set.
{10, 19, 32}                               **(SSC Sub. Ins. 2018)**
(a)   {12, 25, 49}          (b)   {5, 14, 19}
(c)   {7, 13, 23}           (d)   {3, 7, 10}

271. Select the word-pair in which the two words are related in the same way as are the two words in the given word-pair.
Circle : Circumference                     **(SSC Sub. Ins. 2018)**
(a)   Triangle : Area       (b)   Plane: Dimension
(c)   Square : Diagonal     (d)   Rectangle : Perimeter

272. Select the correct alternative to indicate the arrangement of the following words in a logical and meaningful order.
                                           **(SSC Sub. Ins. 2018)**
1.    Injury              2.    Recovery
3.    Accident           4.    Showroom
5.    Drive              6.    Car
(a)   6, 4, 3, 5, 1, 2     (b)   5, 6, 3, 2, 1, 4
(c)   4, 6, 5, 3, 1, 2     (d)   4, 6, 5, 3, 2, 1

273. Select the number-pair in which the two numbers are related in the same way as are the two numbers in the given pair.
65 : 126                                   **(SSC Sub. Ins. 2018)**
(a)   9 : 28               (b)   2 : 10
(c)   26 : 65             (d)   37 : 50

274. Select the option that is related to the third term in the same way as the second term is related to the first term.
                                           **(SSC Stenographer 2018)**
VEGT : SHJQ : : FGCM : ?
(a)   BJFJ      (b)   CJPJ      (c)   CJFJ      (d)   DJPJ

275. **Chlorine** is related to **Halogen** in the same way as **Neon** is related to _____.          **(SSC Stenographer 2018)**
(a)   Metal                 (b)   Radio Active
(c)   Gas                   (d)   Inert Gas

276. Select the option that is related to the third term in the same way as the second term is related to the first term.
Jurist : Law : : Orator : ?               **(SSC Stenographer 2018)**
(a)   Lawyer                (b)   Writing
(c)   Acting                (d)   Speech

277. Find the missing term in the given analogous pair.
1 : 4, 3 : 14 : : 5 : 32, 7 :             **(SSC Stenographer 2018)**
(a)   58       (b)   79       (c)   85       (d)   97

278. Select the option that is related to the third term in the same way as the second term is related to the first term.
Grief : Anguish : : Pique : ?            **(SSC Stenographer 2018)**
(a)   Joy       (b)   Anger    (c)   Jealous   (d)   Tensed

279. Select the option that is related to the third term in the same way as the second term is related to the first term.
45 : 135 : : 60 : ?                       **(SSC Stenographer 2018)**
(a)   175       (b)   210      (c)   140      (d)   180

280. Select the option that is related to the third term in the same way as the second term is related to the first term.
56 : 8 : : 91 : ?                         **(SSC Stenographer 2018)**
(a)   17                     (b)   13      (c)      15
(d)   19

281. Select the option in which the numbers are related in the same way as are the numbers in the given set.
(269, 278, 296)                          **(SSC CGL 2019-20)**
(a)   313, 322, 340        (b)   109, 118, 128
(c)   419, 430, 448        (d)   577, 586, 598

282. Select the option that is related to the third word in the same way as the second word is related to the first word.
Medicine : Disease :: Food : ?           **(SSC CGL 2019-20)**
(a)   Hunger                (b)   Energy
(c)   Nutrition             (d)   Thirst

283. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
12 : 72 : : 18 : ? : : 22 : 242          **(SSC CGL 2019-20)**
(a)   162                   (b)   140
(c)   160                   (d)   164

284. Select the option in which the words share the same relationship as that shared by the given pair of words.
Clock : Time                             **(SSC CGL 2019-20)**
(a)   Ammeter : Current     (b)   Taseometer : Wind
(c)   Balance : Scale       (d)   Anemometer : Strains

285. Select the option that is related to the third number in the same way as  the second number related to the first number.
35 : 66 : : 29 : ?                        **(SSC MTS 2019-20)**
(a)   63                     (b)   62
(c)   60                     (d)   57

286. Select the word pair in which the two words are related in the same way as the two words in the following word-pair?
Five : Pentagon                          **(SSC MTS 2019-20)**
(a)   Four : Rectangle      (b)   Triangle : Three
(c)   Square : Four         (d)   Six : Septagon

287. Select the option that is related to the third term in the same way as the second term is related to the first term.
Colour : Red : : Profession : ?          **(SSC MTS 2019-20)**
(a)   Lawyer                (b)   Court
(c)   School                (d)   Black

288. Select the option in which the letters share the same relationship as that shared by the given pair of letters.
    JT : NX         **(SSC MTS 2019-20)**
    (a) TP : XT         (b) RK : VG
    (c) GS : KU         (d) LD : PG

289. Select the option in which the numbers share the same relationship as that shared by the given number-pair.
    34 : 210         **(SSC CHSL 2019-20)**
    (a) 47 : 282         (b) 66 : 402
    (c) 54 : 100         (d) 38 : 236

290. Select the option in which the numbers are related in the same way as are the numbers in the given set.
    (5, 6, 61)         **(SSC CHSL 2019-20)**
    (a) (3, 8, 24)         (b) (9, 4, 26)
    (c) (5, 2, 49)         (d) (3, 4, 25)

291. Select the option that is related to the third term in the same way as the second term is related to the first term.
    EASY : IETZ :: LAKE : _____   **(SSC CHSL 2019-20)**
    (a) MELI         (b) PELI
    (c) MBLI         (d) PBKL

292. Select the option in which the numbers are related in the same way as are the numbers in the given set.
    (9, 217, 8)         **(SSC CHSL 2019-20)**
    (a) (4, 37, 3)         (b) (2, 76, 5)
    (c) (5, 625, 6)         (d) (3, 49, 2)

293. Four number-pairs have been given, out of which three are alike in some manner and one is different. Select the number-pair that is different from the rest. **(SSC CHSL 2019-20)**
    (a) 7-50         (b) 4-17
    (c) 6-35         (d) 5-26

294. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
    LAME : OXPB :: TREE : ?   **(SSC CHSL 2019-20)**
    (a) VNGB         (b) UMFA
    (c) WOHB         (d) QUBH

295. Select the option in which the words share the same relationship as that shared by the given pair of words.
    Handwriting : Graphology   **(SSC CGL 2020-21)**
    (a) Soil : Ornithology     (b) Earthquakes : Pomology
    (c) Matter : Physics      (d) Fossils : Pedology

296. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.
    13 : 4 :: 19 : ? :: 16 : 5   **(SSC CGL 2020-21)**
    (a) 6         (b) 2
    (c) 3         (d) 5

297. Select the option in which the numbers are related in the same way as are the numbers of the following set.
    (7, 52, 346)         **(SSC CGL 2020-21)**
    (a) (8, 67, 515)     (b) (4, 19, 70)
    (c) (6, 39, 217)     (d) (5, 25, 128)

298. Select the option that is related to the third word in the same way as the second word is related to the first word.
    Nascent : Young : : Adjunct : ?   **(SSC CGL 2020-21)**
    (a) Against         (b) Supportive
    (c) Functional       (d) Rigid

299. Select the option in which the numbers in the set share the same relationship as that shared by the numbers of the given set.
    (14, 18, 42)         **(SSC CHSL 2020-21)**
    (a) 22, 18, 74      (b) 40, 23, 94
    (c) 20, 15, 100     (d) 16, 21, 56

300. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.
    127 : 11 : : ? : 16 : : 367 : 19   **(SSC CHSL 2020-21)**
    (a) 262         (b) 216
    (c) 280         (d) 248

301. 'East' is related to 'Direction' in the same way as 'Summer' is related to '_____'.   **(SSC CHSL 2020-21)**
    (a) Temperature     (b) Room Cooler
    (c) Season        (d) Heat

302. Select the option in which the numbers are related in the same way as are the numbers of the following set.
    (2, 3, 62)         **(SSC CHSL 2020-21)**
    (a) 6, 4, 122       (b) 7, 4, 226
    (c) 5, 9, 288       (d) 8, 5, 225

303. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
    AZW : GFC : : LSM : ?   **(SSC CHSL 2020-21)**
    (a) RYS         (b) DMT
    (c) QOS         (d) RXY

304. Select the option in which the words share the same relationship as that shared by the given pair of words.
    Astronomy : Stars     **(SSC CHSL 2020-21)**
    (a) Philology : Texture   (b) Seismology : Theater
    (c) Psychology : Cells   (d) Numismatics : Coins

305. 'Tired' is related to 'Exhausted' in the same way as 'Sad' is related to '_____'.   **(SSC MTS 2020-21)**
    (a) Depressed      (b) Happy
    (c) Mood         (d) Feeling

306. 'Density' is related to 'Hydrometer' in the same way as 'Mass' is related to '_____'.   **(SSC MTS 2020-21)**
    (a) Heaviness      (b) Kilogram
    (c) Balance        (d) Volume

307. Select the number from the options that is similar to the numbers in the given set.   **(SSC MTS 2020-21)**
    (425, 902, 713)
    (a) 555         (b) 624
    (c) 319         (d) 218

308. Select the number-pair in which the two numbers are related in the same way as the two numbers of the pair given below.
    20 : 68         **(SSC MTS 2020-21)**
    (a) 30 : 110       (b) 25 : 90
    (c) 12 : 30        (d) 5 : 18

309. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.   **(SSC MTS 2020-21)**
    FHKO : UQNL : : MORV : ?
    (a) NLIE         (b) NIFD
    (c) PLIG         (d) NJGE

310. Select the number that is related to the third number in the same way as the second number is related to the first number.
14 : 238 : : 18 : ?                    **(SSC Stenographer 2020-21)**
(a)   301                              (b)   342
(c)   651                              (d)   405

311. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster?
MOCK : NLXP : : DART : ?    **(SSC Stenographer 2020-21)**
(a)   VZIH                             (b)   WZIG
(c)   WZJG                             (d)   ZYKI

312. Study the given pattern carefully and select the number that can replace the question mark (?) in it.
(13, 4, 18) (49, 24, 50) (87, 51, ?)
                                       **(SSC Stenographer 2020-21)**
(a)   84                               (b)   69
(c)   72                               (d)   76

313. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.    **(SSC Stenographer 2020-21)**
FRAGILE : RLIGFEA : : CAUTION : ?
(a)   UTOINCA                          (b)   OTUNICA
(c)   UOTNICA                          (d)   UTONICA

314. Select the option that is related to the third letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
CARE : HUDF : TOMB : ?    **(SSC Stenographer 2020-21)**
(a)   DPRX                             (b)   EQRX
(c)   FPSW                             (d)   EPRW

315. Select the number-pair in which the two numbers are related in the same way as are the two numbers of the following number-pair.
16 : 224                               **(SSC Sub-Inspector 2020-21)**
(a)   20 : 400   (b)   22 : 440   (c)   25 : 650   (d)   17 : 289

316. Select the option that is related to the third Letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster.
ABSORPTION : ROSBANOITP :: VISUALIZER : ?
                                       **(SSC Sub-Inspector 2020-21)**
(a)   UASIVERZIL                       (b)   VUAISREZIL
(c)   AUSIVREZIL                       (d)   AUSIVREILZ

317. Select the option that is related to the third Letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster,    **(SSC Sub-Inspector 2020-21)**
SLOW : MPTX : : CAUGHT : ?
(a)   BDHIUV                           (b)   BDIUVH
(c)   WVHIUV                           (d)   DBVHIU

318. Select the option that is related to the sixth word in the same way as the first word is related to the second word and the third word is related to the fourth word.
                                       **(SSC MTS 2021-22)**
Speech : Dumb :: Sight : Blind :: ? : Deaf
(a)   Sound                            (b)   Vibrations
(c)   Voice                            (d)   Language

319. Select the option in which the two numbers are related in the same way as are the numbers in the give number pair.
                                       **(SSC MTS 2021-22)**
31 : 48

(a)   29 : 44                          (b)   43 : 62
(c)   53 : 74                          (d)   37 : 54

320. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
                                       **(SSC MTS 2021-22)**
16 : 38 :: 26 : 58 :: 37 : ?
(a)   78                               (b)   76
(c)   74                               (d)   80

321. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.    **(SSC MTS 2021-22)**
GOOD : HSXT :: BEST : CIBJ :: COOL : ?
(a)   DSSB                             (b)   DSXZ
(c)   DSZB                             (d)   DSXB

322. Select the option in which the pair of letter-clusters share the same relationship as that shared by the given pair of letter-clusters.    **(SSC MTS 2021-22)**
MOB : KMZ :: ?
(a)   AJK : YHN                        (b)   LOP : JMN
(c)   BND : DLB                        (d)   STB : PRZ

323. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
                                       **(SSC MTS 2021-22)**
23 : 72 :: 38 : 117 :: 46 : ?
(a)   138                              (b)   156
(c)   141                              (d)   122

324. Select the option that is related to the third term in the same way as the second term is related to the first term.
                                       **(SSC CGL 2021-22)**
BACTERIA : EXFWBUFX :: WOUNDS : ?
(a)   ZLRQGV                           (b)   YLRQFV
(c)   ZLSQFW                           (d)   ZRXQGV

325. Select the option that is related to the third number in the same way as the second number is related to the first number.
223 : 350 :: 519 : ?                   **(SSC CGL 2021-22)**
(a)   736                              (b)   645
(c)   687                              (d)   654

326. Select the option that is related to the fifth number in the same way as the second number is related to the third number and the fourth number is related to the third number.
                                       **(SSC CGL 2022)**
19 : 324 :: 25 : 576 :: 9 : ?
(a)   16                               (b)   64
(c)   88                               (d)   72

327. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
                                       **(SSC Stenographer 2022)**
7 : 84 :: 5 : 7 :: 9 : 144
(a)   30                               (b)   40
(c)   36                               (d)   45

328. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.
8 : 36 :: 6 : 7 :: 12 : 76             **(SSC Stenographer 2022)**
(a)   20                               (b)   27
(c)   22                               (d)   24

329. Select the option that is related to the third term in the same way as the second term is related to the first term and the sixth term is related to the fifth term.

6 : 74 :: 9 : ? :: 5 : 52      **(SSC Stenographer 2022)**

(a) 164
(b) 168
(c) 160
(d) 172

330. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster.      **(SSC Stenographer 2022)**

PAVE : FXDT :: AXLE : FNAE :: BREW : ?

(a) XGVF
(b) XHTF
(c) XGUF
(d) XGTF

331. Select the option that is related to the third number in the same way as the second number is related to the first number and the sixth number is related to the fifth number.

17 : –153 :: –13 : ? :: –21 : 189      **(SSC Stenographer 2022)**

(a) –104
(b) 117
(c) 129
(d) –127

332. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

OUT 2 : WWP 4 :: AXE 5 : HZB 25 :: ART 7 : ?

     **(SSC Stenographer 2022)**

(a) WTB 49
(b) WTB 35
(c) VTB 49
(d) WTB 14

333. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(56, 5, 9)      **(SSC Stenographer 2022)**
(80, 8, 12)

(a) (172, 8, 15)
(b) (151, 4, 13)
(c) (143, 12, 18)
(d) (75, 11, 14)

334. Select the set in which the numbers are related in the same way as are the numbers of the following set.

     **(SSC Stenographer 2022)**

(51, 34, 85)
(67, 42, 109)

(a) (69, 44, 102)
(b) (56, 31, 77)
(c) (78, 51, 119)
(d) (73, 38, 111)

335. Select the option that is related to the fourth term in the same way as the first term is related to the second term and the fifth term is related to the sixth term.

11 : 132 :: ? : 342 :: 22 : 506      **(SSC Stenographer 2022)**

(a) 17
(b) 19
(c) 18
(d) 20

336. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

     **(SSC Sub-Inspector 2022)**

Lend : Borrow

(a) Happy : Joyous
(b) Stern : Strict
(c) Exciting : Boring
(d) Sharp : Edged

337. Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

6 : 32 :: 10 : ? :: 11 : 117      **(SSC Sub-Inspector 2022)**

(a) 99
(b) 110
(c) 88
(d) 96

338. Select the option that is related to the third term in the same way as the second term is related to the first term and sixth term is related to fifth term.

2 : 9 :: 9 : ? :: 6 : 217      **(SSC Sub-Inspector 2022)**

(a) 730
(b) 28
(c) 513
(d) 82

339. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below.

     **(SSC Sub-Inspector 2022)**

Chickenpox : Virus

(a) Anthrax : Viruses
(b) Anthrax : Parasites
(c) Anthrax : Fungi
(d) Anthrax : Bacteria

340. Select the set in which the numbers are related in the same way as are the numbers of the following set.

     **(SSC Sub-Inspector 2022)**

(23, 308, 15)
(18, 187, 12)

(a) (14, 104, 9)
(b) (19, 325, 27)
(c) (20, 280, 14)
(d) (16, 122, 7)

341. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

(17, 12, 612)      **(SSC Sub-Inspector 2022)**
(6, 14, 252)

(a) (3, 6, 108)
(b) (11, 4, 144)
(c) (13, 7, 273)
(d) (2, 3, 12)

342. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.
NUMBER : UNNYRE :: MOTHER : OMGSRE :: FINGER : ?
**(SSC CHSL 2021-22)**
   (a) IFDHRE        (b) IFGNRE
   (c) IFMTRE        (d) IFTMRE

343. Words given on the left side of (::) are related with each other by some Logic/Rule /Relation. Select the missing word/word pair on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.
Soldiers : Army :: ?        **(SSC CHSL 2022)**
   (a) Class pupils        (b) Cattle : Herd
   (c) Team : Players        (d) Singer : Gang

344. Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.
(13, 14, 108)        **(SSC CHSL 2022)**
(51, 12, 252)
   (a) (17, 14, 134)        (b) (33, 42, 280)
   (c) (29, 14, 172)        (d) (19, 26, 160)

345. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
**(SSC CHSL 2022)**
183 : 6 :: 164 : 4 :: 122 : ?
   (a) 2        (b) 8
   (c) 4        (d) 6

346. Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.
(18, 25, 46)        **(SSC CHSL 2022)**
(24, 31, 52)
   (a) (19, 24, 47)        (b) (20, 27, 34)
   (c) (16, 21, 44)        (d) (13, 20, 41)

347. In the following question, select the related letters from the given alternatives. NA : SF :: OB : ?
**(SSC CHSL 2022)**
   (a) RG        (b) IJ
   (c) TG        (d) TH

348. Select the option that is related to the third term on the same basis as the second term is related to the first term.
Mirror : Reflection of light :: Prism : ?
**(SSC CHSL 2022)**
   (a) Scattering of light
   (b) Dispersion of light
   (c) Reflection of light
   (d) Inversion of light

349. Select the option that is related to the fifth term in the same way as the second term is related to the first term and fourth term is related to third term.        **(SSC MTS 2022)**

PRAY : UWFD :: MONK : RTSP :: FAIT : ?
   (a) KEMY        (b) KFNY
   (c) KENY        (d) KFMY

350. Select the option in which the numbers shares the same relationship in set as that shared by the numbers in the given set.        **(SSC MTS 2022)**
(8, 27, 125)
(64, 1331, 1728)
   (a) (289, 212, 196)        (b) (200, 215, 256)
   (c) (125, 172, 144)        (d) (216, 343, 512)

351. Words given on the left side of (::) are related with each other by some Logic/Rule/Relation. Select the missing word/ word air on the right side of (::) from the given alternatives based on the same Logic/Rule/Relation.
Electric Current : Ampere :: ?        **(SSC MTS 2022)**
   (a) Temperature : Watt
   (b) Joule : Work
   (c) Resistance : Seconds
   (d) Force : Newton

352. Select the option that is related to the fifth number in the same way as the second number is related to the first number and fourth number is related to third number.
7 : 36 :: 16 : 225 :: 21 : ?        **(SSC MTS 2022)**
   (a) 400        (b) 385
   (c) 441        (d) 395

353. Select the option that is related to the third word in the same way as the second word is related to the first word.
Pulp : Paper :: Sugarcane : ?    **(SSC CHSL 2022, Tier-II)**
   (a) Egg        (b) Jaggery
   (c) Milk        (d) Grapes

354. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
**(SSC CHSL 2022, Tier-II)**
7 : 336 :: 3 : 24 :: 5 : ?
   (a) 122        (b) 120
   (c) 125        (d) 130

355. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
**(SSC CGL 2022, Tier-II)**
(5, 5, 25)
(2, 5, 10)
   (a) (9, 3, 26)        (b) (4, 4, 20)
   (c) (7, 3, 14)        (d) (3, 3, 9)

356. Select the option that is related to the third word in the same way as the second word is related to the first word.
Crowd : Dense : : Slope : ?      **(SSC CGL 2022, Tier-II)**
   (a) Fill        (b) Plain
   (c) Tight        (d) Sleep

357. Select the option that is related to the third word in the same way as the second word is related to the first word.

Editor : Article : : Choreographer : ?  **(SSC Sten. 2022)**

(a) Film         (b) Design

(c) Dance       (d) Gallery

358. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number?

195 : 14 :: ? : 18 :: 8 : 3     **(SSC Sten. 2022)**

(a) 318          (b) 323

(c) 319          (d) 324

359. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number?

990 : 10 :: ? : 9 :: 210 : 6     **(SSC Sten. 2022)**

(a) 712          (b) 760

(c) 720          (d) 730

360. Select the option that is related to the sixth number in the same way as the first number is related to the second number and the third number is related to the fourth number.

11 : 256 :: 14 : 361 :: ? : 1024     **(SSC Sten. 2022)**

(a) 25           (b) 18

(c) 27           (d) 12

361. Select the set in which the numbers are related in the same way as are the numbers of the given set.

(4, 42, 17); (6, 86, 37)     **(SSC Sten. 2022)**

(a) (8, 164, 65)        (b) (9, 180, 82)

(c) (5, 52, 26)         (d) (7, 114, 50)

362. Select the option that is related to the third word in the same way as the second word is related to the first word.

Cygnet : Swan :: Colt : ?     **(SSC Sten. 2022)**

(a) Bear         (b) Horse

(c) Stag         (d) Sheep

363. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(605, 110, 11)     **(SSC Sten. 2022)**

(660, 40, 33)

(a) (612, 180, 13)     (b) (720, 120, 12)

(c) (519, 222, 11)     (d) (711, 188 16)

364. Select the set in which the numbers are related in the same way as are the numbers of the given sets.

(14, 98, 14)     **(SSC Sten. 2022)**

(16, 144, 18)

(a) (31, 198, 16)     (b) (29, 122, 19)

(c) (24, 187, 14)     (d) (22, 132, 12)

365. 287 is related to 398 following a certain logic. Following the same logic, 378 is related to 489. To which of the following is 852 related to, following the same logic?

**(SSC MTS 2023)**

(a) 643          (b) 963

(c) 346          (d) 543

366. 38 is related to 49 following a certain logic. Following the same logic, 64 is related to 75. To which of the following is 83 related to, following the same logic? **(SSC MTS 2023)**

(a) 93           (b) 95

(c) 92           (d) 94

367. Select the word-pair that best represents a similar relationship to the one expressed in the pair of words given below. **(SSC MTS 2023)**

Reflection : Light

(a) Sentiment : Feeling     (b) Echo : Sound

(c) Iris : Sight          (d) Movie : Scene

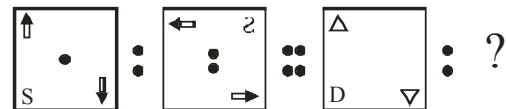368. In the following number-pairs, the second number is obtained by applying certain mathematical operations to the first number. Select the set in which the numbers are related in the same way as are the numbers of the following sets. **(SSC CHSL 2023, Shift-I)**

(21,66), (32,99)

(a) (25,81)        (b) (36,112)

(c) (45,138)      (d) (24,77)

369. DHJ is related to AEG in a certain way based on the English alphabetical order. In the same way, ZML is related to WJI. To which of the following is EKQ related following the same logic? **(SSC CHSL 2023, Shift-I)**

(a) HNT         (b) DJK

(c) BHN         (d) QKE

370. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

**(SSC CHSL 2023, Shift-I)**

(12, 11, 137) (17, 21, 362)

(a) (18, 9, 165)

(b) (14, 31, 440)

(c) (21, 25, 530)

(d) (38, 7, 270)

371. Four number pairs have been given out of which three are alike in some manner and one is different. Select the one that is different. **(SSC CHSL 2023, Shift-I)**

(a) 46 – 141

(b) 55 – 168

(c) 35 – 108

(d) 29 – 88

372. The first figure is related to the second figure in a certain way. Study the pattern and select the figure which should be placed in place of the question mark (?) such that the third figure is related to the fourth figure in the same way.

    **(SSC CHSL 2023, Tier-II)**



    (a)     (b) 

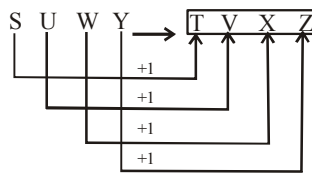    (c)     (d) 
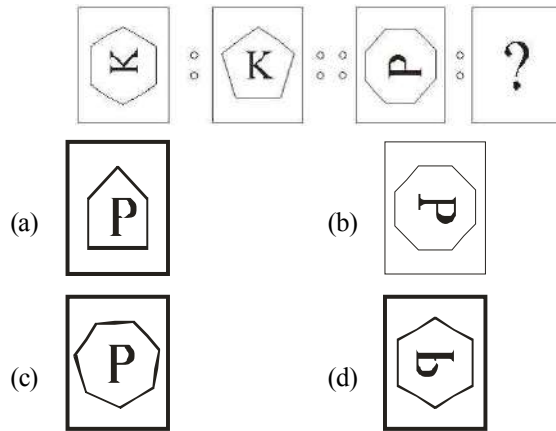
373. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

    **(SSC CHSL 2023, Tier-II)**

    (4, 12, 8)
    (2, 7, 5)

    (a) 7, 2, 1          (b) 3, 6, 5
    (c) 9, 4, 7          (d) 1, 4, 3

374. Select the word-pair that best represents a similar relationship to the one expressed in the pairs of words given below. **(SSC CHSL 2023, Tier-II)**

    Docile : Defiant, Placid : Turbulent

    (a) Relinquish : Surrender
    (b) Zenith : Nadir
    (c) Optimal : Ideal
    (d) Scrumptious : Delicious

375. Select the set in which the numbers are related in the same way as are the numbers of the given set.

    **(SSC CHSL 2023, Tier-II)**

    (3, 5, 18)
    (2, 3, 15)

    (a) 1, 5, 11         (b) 1, 2, 13
    (c) 5, 2, 10         (d) 5, 6, 11

376. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

    (7, 35, 42), (4, 20, 24)          **(SSC Sub-Inspector 2023)**

    (a) (8, 56, 72)      (b) (6, 36, 48)
    (c) (9, 45, 54)      (d) (12, 60, 48)

377. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

    **(SSC Sub-Inspector 2023)**

(264, 462), (132, 330)

    (a) (211, 340)       (b) (188, 378)
    (c) (386, 584)       (d) (282, 496)

378. Select the option that is related to the fifth letter - cluster in the same way as the second letter - cluster is related to the first letter - cluster and the fourth letter - cluster is related to the third letter - cluster. **(SSC Sub-Inspector 2023)**

    TEMPLE : SCJLGY :: CHURCH : BFRNXB : : MOSQUE: ?

    (a) LMPYPM
    (b) LMPYMP
    (c) LPYMPM
    (d) LMPMPY

379. Select the set in which the numbers are related in the same way as are the numbers of the following set.

    **(SSC Sub-Inspector 2023)**

    (6, 2, 96)
    (5, 6, 240)

    (a) (4, 1, 6)        (b) (12, 3, 45)
    (c) (1, 2, 16)       (d) (8, 3, 28)

380. Study the given pattern carefully and select the number that can replace the question mark (?) in it.

    **(SSC Sub-Inspector 2023)**

    First row: 19, 6, 37
    Second row : 21, 8, 45
    Third row: 72, 14, ?

    (a) 124              (b) 134
    (c) 114              (d) 144

381. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

    **(SSC Sub-Inspector 2023)**

    (7, 91, 98)
    (4, 52, 56)

    (a) (12, 156, 168)   (b) (3, 36, 42)
    (c) (8, 80, 96)      (d) (5, 25, 60)

382. Select the options that is related to the third word in the same way as the second word is related to the first word.

    **(SSC Sub-Inspector 2023)**

    Butterfly : Caterpillar : : Insect : ?

    (a) Cygnet           (b) Nymph
    (c) Larva            (d) Microbes

383. Select the set in which the numbers are related in the same way as are the numbers of the following sets.

    (1000, 100, 10)      **(SSC CGL 2023, Tier-I)**
    (38, 19, 2)

    (a) (3, 3, 9)        (b) (125, 25, 5)
    (c) (16, 8, 4)       (d) (5, 5, 5)

384. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter cluster. **(SSC CGL 2023, Tier-I)**

FRENCH : RFNEHC :: RESCUE : ERCSEU :: ANIMAL : ?

(a) NALAMI
(b) INALAM
(c) NAMILA
(d) NAMIAL

385. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
**(SSC CGL 2023, Tier-I)**

(6, 14, 40)
(10, 14, 48)

(a) (11, 5, 87)
(b) (5, 9, 28)
(c) (5, 6, 45)
(d) (10, 5, 91)

386. Three of the following four triads are alike in a certain way as they are formed by performing same mathematical operations among themselves and thus form a group. Which triad does NOT belong to that group?
**(SSC CGL 2023, Tier-I)**

(a) 6 : 12 : 215
(b) 5 : 10 : 126
(c) 9 : 18 : 728
(d) 2 : 4 : 7

387. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number.
**(SSC CGL 2023, Tier-I)**

6 : 16 :: 10 : 28 :: 3 : ?

(a) 14
(b) 12
(c) 7
(d) 6

388. 'Kidney' is related to 'Organ' in the same way as 'Apple' is related to '_____'. **(SSC CGL 2023, Tier-I)**

(a) Juicy
(b) Red
(c) Fruit
(d) Medicine

389. Select the set in which the numbers are related in the same way as are the numbers of the following sets.
**(SSC CGL 2023, Tier-I)**

(300, 100, 100)
(88, 66, 11)

(a) (60, 40, 20)
(b) (44, 22, 11)
(c) (90, 50, 70)
(d) (50, 4, 25)

390. Which of the following letter-clusters should replace # and % so that the pattern and relationship followed between the letter-cluster pair on the left side of :: is the same as that on the right side of ::?

# : CLQ :: NDK : % **(SSC CGL 2023, Tier-II)**

(a) # = AJS, % = MAM
(b) # = AOO, % = PAM
(c) # = EIT, % = QBN
(d) # = DIS, % = PBN

391. Select the set in which the numbers are related in the same way as are the numbers of the following set.

(7, 3, 43) **(SSC CGL 2023, Tier-II)**

(5, 2, 21)

(a) (11, 5, 111)
(b) (15, 6, 34)
(c) (13, 23, 131)
(d) (12, 3, 43)

392. Figure A is related to B in a certain pattern. Following the same pattern, figure C is related to D. Study the pattern and select the figure which should be placed in place of D.

**(SSC CGL 2023, Tier-II)**


(A)  (B)  (C)  (D)
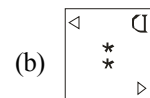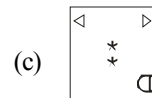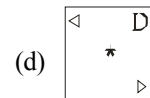

(a)  (b)
(c)  (d)

# HINTS & EXPLANATIONS

1. (c) As,

   A C E G → B D F H    (+1, +1, +1, +1)

   Similarly,

   S U W Y → T V X Z    (+1, +1, +1, +1)

2. (a) As,

   $$\frac{M}{AC} : \frac{N}{AD} :: \frac{O}{AE} : \frac{P}{AF}$$

   (+1, +1, +1 across top; +1, +1, +1 across bottom)
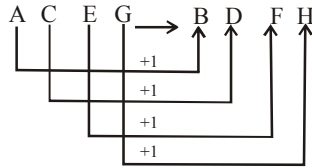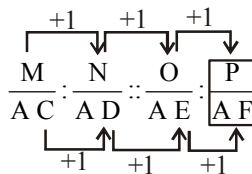
3. (a) As, $5 \times 5 + 2 = 27$

   Similarly, $9 \times 9 + 2 = \boxed{83}$

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

   Similarly, $11 \times 2 - 1 = \boxed{21}$

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

   Similarly,

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

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,

   A D B C → E H F G    (+4, +4, +4, +4)

   Similarly,

   I L J K → M P N O    (+4, +4, +4, +4)
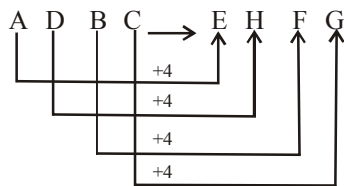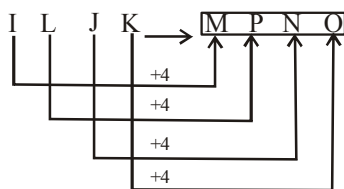
9. (d) $6 \times 5 = 30, 30 \times 3 = 90$
   $8 \times 6 = 48, 48 \times 4 = 192$

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,

    A Z C X → B Y D W    (+1, −1, +1, −1)

    Similarly,

    H Q J O → I P K N    (+1, −1, +1, −1)

13. (b) As,

    Q I O K → M M K O    (−4, +4, −4, +4)

    Similarly,

    Y A W C → U E S G    (−4, +4, −4, +4)

14. (a) As,

    $$\frac{ABC}{F} : \frac{BCD}{I} :: \frac{CDE}{L} : \frac{DEF}{O}$$

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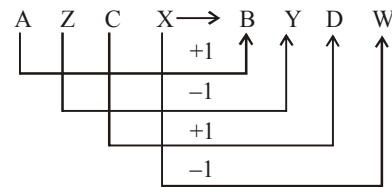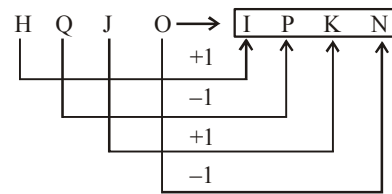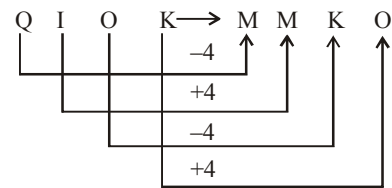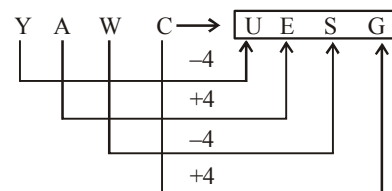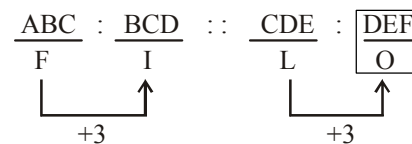
15. (d) As, $(1)^3 = 1; (2)^3 = 8$

    $(3)^3 = 27; (4)^3 = \boxed{64}$

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

    $7^2 - 1 = 48; 7^3 + 1 = \boxed{344}$

17. (b) As, 9   8   7
          ↓   ↓   ↓
          I   H   G

Similarly,

6 5 4

↓ ↓ ↓

F E D
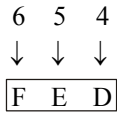
18. (b) $6 + 8 = 14; 14 + (8 \times 2) = 30$

$7 + 5 = 12; 12 + (5 \times 2) = 22$

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 writting. 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,

+1 +1

B D A C    F H E G

+1 +1

Similarly,

+1 +1

N P M O    R T Q S

+1 +1

23. (b) As,

+6

F G H I : O P Q R

+1 +1 +1    +1 +1 +1

Similarly,

+6

B C D E : K L M N

+1 +1 +1    +1 +1 +1

24. (a) As,

+2 +2

P N L J : I G E C

+2 +2    +2 +2

Similarly,

+2 +2

V T R P : O M K I

+2 +2    +2 +2
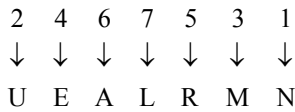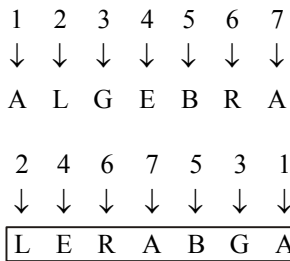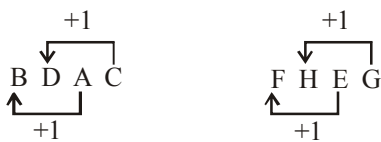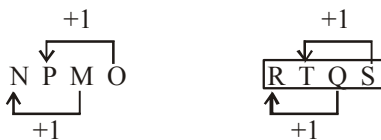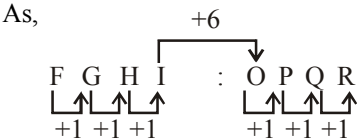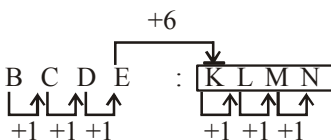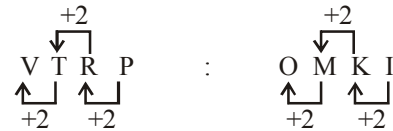
25. (b) As, $17 \times 3 + 9 = 51 + 9 = 60$

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

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

Similarly, $(11 + 2)^2 = (13)^2 = \boxed{169}$

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

Similarly, $726 \Rightarrow 72 \div 6 = \boxed{12}$

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

29. (b) 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.
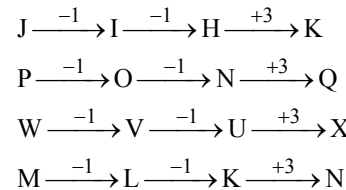
$J \xrightarrow{-1} I \xrightarrow{-1} H \xrightarrow{+3} K$

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

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

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

32. (d) As, U U W X

+2↓ +2↓ +2↓ +2↓

W W Y Z

Similarly,

O O Q R

+2↓ +2↓ +2↓ +2↓

Q Q S T

33. (a) As,

B I M N ⟶ C K P R
+1
+2
+3
+4

Similarly,

C U R D ⟶ D W U H
+1
+2
+3
+4

34. (c) As,

+2
B C F E : H I L K
+1 −1        +1 −1

Similarly,

+2
N O R Q : T U X W
+1 −1        +1 −1
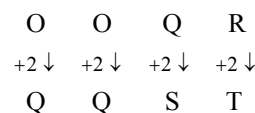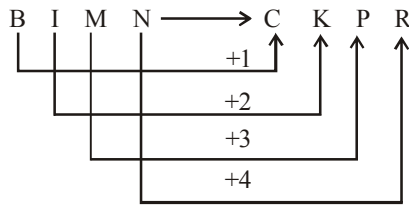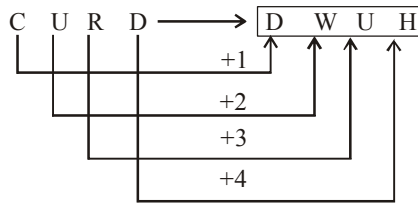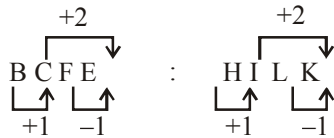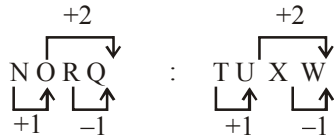
35. (d) $4^2 - 1 = 15$
$4^3 - 1 = 63$
$3^2 - 1 = 8$
$3^3 - 1 = 26$

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, $8 = 4 \times 2$

$3 + 2 = 5$        $4 + 2 = \boxed{6}$.

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.

41. (b)

| 4 | 8 | 12 | 16 | : | 2 | 4 | 6 | 8 |
|---|---|----|----|---|---|---|---|---|
| D | H | L | P | : | B | D | F | H |

Half
Half
Half
Half

Similarly,

| 6 | 12 | 18 | 24 | : | 3 | 6 | 9 | 12 |
|---|----|----|----|---|---|---|---|----|
| F | L | R | X | : | C | F | I | L |

Half
Half
Half
Half

42. (d)

+1
+1
D I M P : C J L Q
−1
−1

Similarly,

+1
+1
U W Z A : T X Y B
−1
−1

43. (d) A B D H : C F H P
+2
+4
+4
+8

Similarly,

J K M Q : L O Q Y
+2
+4
+4
+8

44. (d) I J K L : S T U V
+10
+10
+10
+10

Similarly,

M N O P : W X Y Z
+10
+10
+10
+10
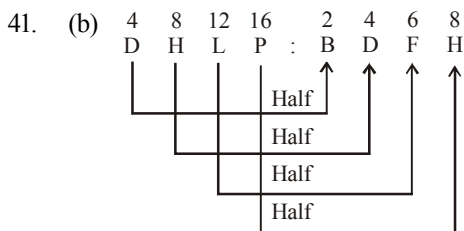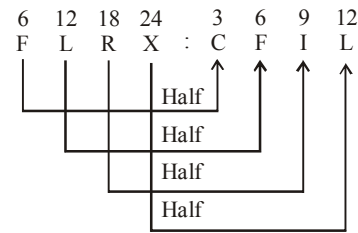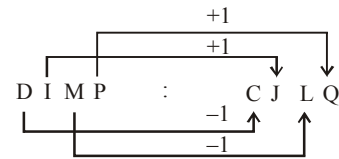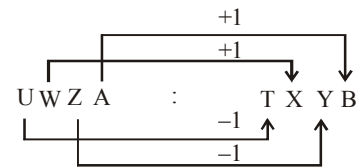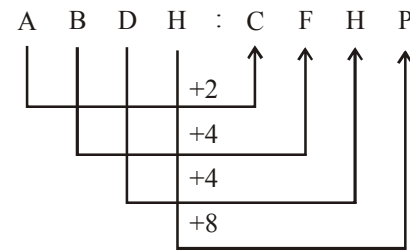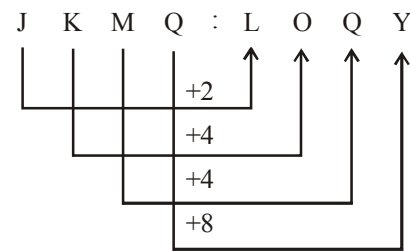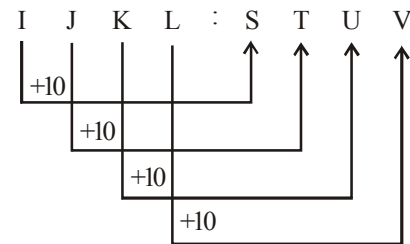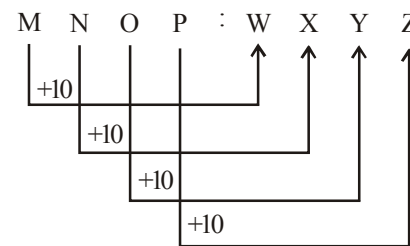
45. (d) Given Set : 12, 72, 216

$$\times 6 \qquad \times 3$$

Similarly, 5, 30, 90

$$\times 6 \qquad \times 3$$
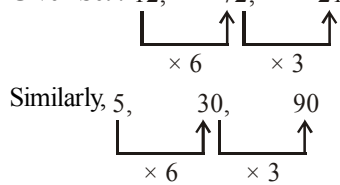
∴ Option (d) satisfy the condition.

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

$$3^3 \quad 5^3 \quad 4^3 \quad 6^3$$

$$+2 \qquad +2$$

49. (d) A B : L : : B C : W

Place value 1 2 12 2 3 23

50. (c) B D G J : O Q T W

+13
+13
+13
+13

: : A F I M : N S V Z

+13
+13
+13
+13
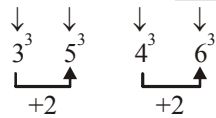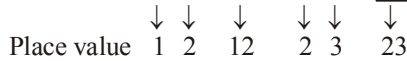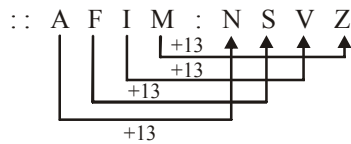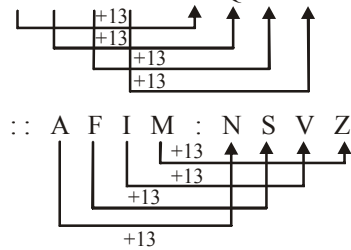
51. (b) $8^2 - 2 = 62$
$9^2 - 2 = 79$

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

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

53. (a) $(1)^2 = 1$ ; $(3)^2 = 9 \Rightarrow 19$

Similarly, $(2)^2 = 4$ ; $(1)^2 = 1 \Rightarrow 41$

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

1 + 16 + 16 + 12 + 5 = 50

Similarly,

O R A N G E

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
−2 −2
+1
I R Q

Similarly,

Q P K
−2 −2
+1
L O N

60. (a) As, A E Z ⟶ F P Y
+5
+11
−1

Similarly,

B G X ⟶ H W W
+6
+16
−1
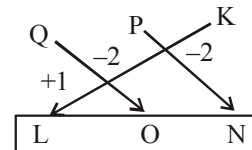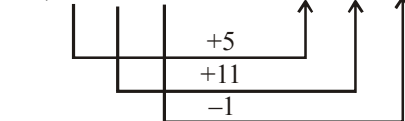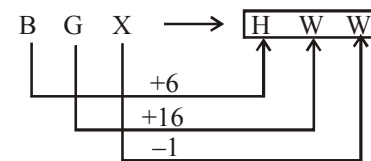
61. (b) Zoology is the scientific study of animals. Similarly, Psychology is study of the mind and how it functions. It is the study of human and animals behaviour.

62. (b) C F I L ⟶ A B C D
−2
−4
−6
−8

Similarly,

Y B E H ⟶ W X Y Z
−2
−4
−6
−8
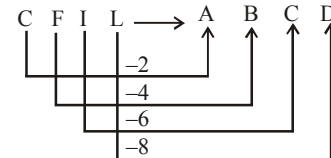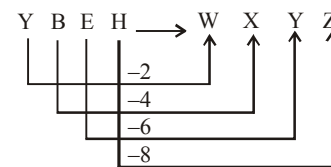
63. (a) $L \times M = 12 \times 13$
Position Number in the English alphabet series.
Similarly,
$U \times W = 21 \times 23$

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

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

Similarly, $8 - 2 = 6$ ; $\dfrac{6}{2} = 3$

66. (d) C F I L
X U R O
Pairs of Opposite Letters.

Similarly,

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

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) $E \leftrightarrow V \qquad F \leftrightarrow U$
Pairs of Opposite Letters
$$U \xrightarrow{\;-1\;} T$$
$T \leftrightarrow G \; S \leftrightarrow H$
Pairs of Opposite Letters
$I \leftrightarrow R \; J \leftrightarrow Q$
Pairs of Opposite Letters
$$Q \xrightarrow{\;-1\;} P$$
$P \leftrightarrow K \; O \leftrightarrow L$
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 :
$x : x - 119$
$335 - 119 = 216$
$987 - 119 = 868$

73. (b)
B E G K → A D F J
(with −1 arrows)

Similarly,
P S V Y → O R U X
(with −1 arrows)

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,
$$A \quad C \quad F \quad J$$
$$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$$
$$Z \quad X \quad U \quad Q$$

Similarly,
$$E \quad G \quad I \quad N$$
$$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$$
$$V \quad T \quad R \quad M$$

83. (a) As,     Similarly

$A \xrightarrow{+3} D \qquad Q \xrightarrow{+3} T$

$C \xrightarrow{+3} F \qquad S \xrightarrow{+3} V$

$E \xrightarrow{+3} H \qquad U \xrightarrow{+3} X$

$G \xrightarrow{+3} J \qquad W \xrightarrow{+3} Z$

84. (d) As,     Similarly

$E \xrightarrow{+1} F \qquad F \xrightarrow{+1} G$

$G \xrightarrow{+2} I \qquad H \xrightarrow{+2} J$

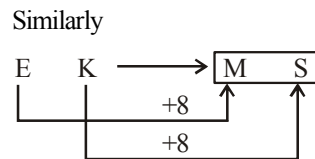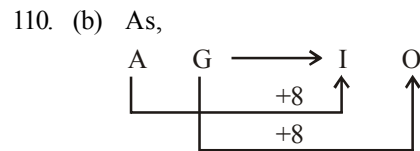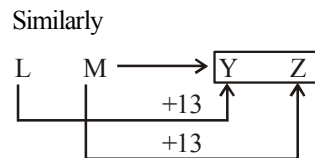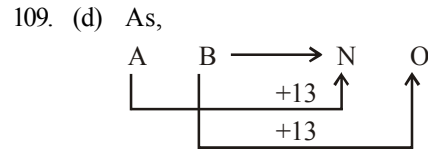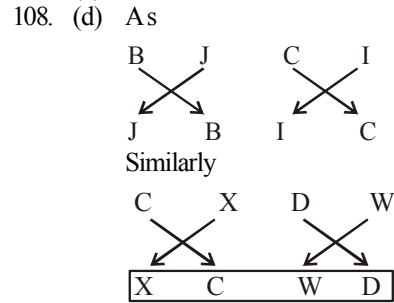$I \xrightarrow{+3} L \qquad J \xrightarrow{+3} M$

$K \xrightarrow{+4} O \qquad L \xrightarrow{+4} P$

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,

$G \xrightarrow{+2} I \xrightarrow{+2} K \xrightarrow{+2} M$

$T \xrightarrow{-2} R \xrightarrow{-2} P \xrightarrow{-2} N$

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.

93. (d)
H A N D ⟶ J B P E
+2
+1
+2
+1

Similarly,

P A L M ⟶ R B N N
+2
+1
+2
+1

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)
M O Q S    A C E G    P R T V
+2 +2 +2   +2 +2 +2   +2 +2 +2
O Q S U
+2 +2 +2

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.

101. (a) Swimming is done in the river.
Hiking is done on mountain.

102. (c) Word has been written in reverse order.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|---|---|---|---|---|---|
| H | O | P | E | F | U | L |

coded as– 

| L | U | F | E | P | O | H |
|---|---|---|---|---|---|---|
| 7 | 6 | 5 | 4 | 3 | 2 | 1 |

Similarly,

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|
| E | T | H | N | I | C | I | T | Y |
| Y | T | I | C | I | N | H | T | E |
| 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |

103. (c) The given set is (23 : 30 : 37) = 23 + 7 = 30 + 7 = 37
Similarly, (6 : 13 : 20) = 6 + 7 = 13 + 7 = 20

104. (b) The sound made by horse is called Neigh. Similarly, the sound made by a bell is called chime.

105. (a) As,

A $\xrightarrow{+2}$ C $\xrightarrow{+2}$ E
R $\xrightarrow{+2}$ T $\xrightarrow{+2}$ V
B $\xrightarrow{+2}$ D $\xrightarrow{+2}$ F
F $\xrightarrow{+2}$ H $\xrightarrow{+2}$ J

106. (a) Here, Tool–Worker relationship has been shown. Chisel is the tool of Sculptor. Similarly, Harrow is the tool of Gardener.

107. (b) Moon is a Satellite. Earth is a Planet.

108. (d) As

B J    C I
J B    I C

Similarly

C X    D W
X C    W D

109. (d) As,

A B ⟶ N O
+13
+13

Similarly

L M ⟶ Y Z
+13
+13

110. (b) As,

A G ⟶ I O
+8
+8

Similarly

E K ⟶ M S
+8
+8

111. (d) As,
$25 \Rightarrow 25 \times (2 + 5) = 175$
Similarly,
$32 \Rightarrow 32 \times (3 + 2) = \boxed{160}$

112. (d) $F \Rightarrow 6 ; (6)^3 = 216$
Similarly,
$L \Rightarrow 12 ; (12)^3 = 1728$

113. (b) As, $M \xrightarrow{-2} K$

$O \xrightarrow{+1} P$

$U \xrightarrow{-2} S$

$S \xrightarrow{+1} T$

$E \xrightarrow{-2} C$

Similarly, $L \xrightarrow{-2} J$

$I \xrightarrow{+1} J$

$G \xrightarrow{-2} E$

$H \xrightarrow{+1} I$

$T \xrightarrow{-2} R$

114. (a) Tanning is the art of manufacturing leather. Similarly, Pyrotechnics is the art of manufacturing fireworks.

115. (c) A king sits in a throne. Similarly, a rider sits on a saddle on the back of a horse.

116. (b) $A + B + Y + Z = 1 + 2 + 25 + 26 = 54$

∴ $C + D + W + X = 3 + 4 + 24 + 23 = 54$

117. (c) Petrology is the branch of geology that deals with the origin, composition, structure and alteration of rocks.

Therefore, palaeontology is the study of fossils to determine the structure and evolution of extinct animals and plants and the age and the conditions of deposition of the rock strata in which they are found.

118. (c) First is the process of formation of the second.

119. (a) $27 \times 3 = 81$ ∴ $8 \times 3 = 24$

120. (c) $(3)^2 = 9$; $(3)^2 - 2 = 7$

Similarly,

$(3)^4 - 1 = 81 - 1 = 80$

$(3)^4 - 3 = 81 - 3 = 78$

In simple way, $9 - 2 = 7$ and $80 - 2 = 78$

121. (a) **Defer** means 'to delay something until a later time', 'to postpone'.

**Put off** means 'to put something to a later time or date'. ' to delay'.

Thus, **Defer** and **Put off** are synonymous to one another.

**Deduce** means 'to infer', 'to arrive at facts'.

**Infer** means 'to arrive at a conclusion'.

122. (c) 'Gill' is the opening on the side of a fish's head through which it breathes.

'Nose' is the part of the face above the mouth, used for breathing and smelling.

123. (b) C A R D ⟶ I G X J
+6 +6 +6 +6

Similarly,
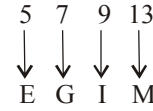
P O S T ⟶ V U Y Z
+6 +6 +6 +6
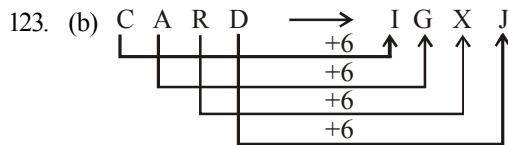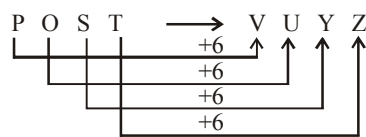
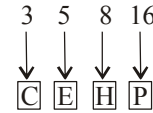124. (b) Coffee is served in a cup and soup is served in a bowl.

125. (b) (Ink is used for pen and petrol is used for car)

126. (d) $M \xrightarrow{-3} J$  Similarly, $R \xrightarrow{-3} \boxed{O}$

$A \xrightarrow{-3} X$  $U \xrightarrow{-3} \boxed{R}$

$D \xrightarrow{-3} A$  $N \xrightarrow{-3} \boxed{K}$

127. (d) Place value of letter in English Alphabet.

5  7  9  13
↓  ↓  ↓  ↓
E  G  I  M

Similarly,

3  5  8  16
↓  ↓  ↓  ↓
$\boxed{C}$ $\boxed{E}$ $\boxed{H}$ $\boxed{P}$

128. (c) $8 \times 9 = 72$

Then, $39 \times 9 = \boxed{351}$

129. (d) $4^2 = 16$

$6^2 = 36$

$8^2 = 64$

$10^2 = \boxed{100}$

130. (a) A saint practices meditation.
Similarly,
A scientist does research.

131. (d) A palace is the official home of a King.
Similarly,
An igloo is a small round house of an Eskimo.

132. (c) $A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P$

$D \xrightarrow{+5} I \xrightarrow{+5} N \xrightarrow{+5} S$

$W \xrightarrow{+5} B \xrightarrow{+5} G \xrightarrow{+5} L$

$O \xrightarrow{+5} T \xrightarrow{+5} Y \xrightarrow{+5} D$

133. (c) $S \xrightarrow{-2} Q$  Similarly  $M \xrightarrow{-2} K$

$I \xrightarrow{-2} G$  $O \xrightarrow{-2} M$

$N \xrightarrow{-2} L$  $N \xrightarrow{-2} L$

$G \xrightarrow{-2} E$  $S \xrightarrow{-2} Q$

$E \xrightarrow{-2} C$  $T \xrightarrow{-2} R$

$R \xrightarrow{-2} P$  $E \xrightarrow{-2} C$

$R \xrightarrow{-2} P$

134. (c) $18/3 - 1 = 5$

$12/3 - 1 = \boxed{3}$

135. (d)  12  :  20  : :  $\boxed{30}$  :  $\boxed{42}$
↓  ↓  ↓  ↓
$(3 \times 4)$  $(4 \times 5)$  $(5 \times 6)$  $(6 \times 7)$

136. (b) $3 \times 5 \rightarrow 15$

$7 \times 5 \rightarrow 35$

**137. (b)** Meghdoot has been written by Kalidas.
Similarly,
Arthashastra has been written by kautilya.

**138. (d)** Ocean is the mass of water.
Similarly,
Desert is the mass of sand.

**139. (d)** As, $A \xrightarrow{+2} C$   Similarly   $X \xrightarrow{-2} V$
$\qquad B \xrightarrow{+2} D \qquad\qquad Y \xrightarrow{-2} W$
$\qquad C \xrightarrow{+2} E \qquad\qquad Z \xrightarrow{-2} X$

**140. (c)** Sea sickness is to feel ill when you are travelling on a ship or boat.
Similarly, Giddiness is to feel that you are going to fall.

**141. (c)** Waitress is a person whose job is to serve customers in a restaurant.
Similarly, A teacher teaches students in a school.

**142. (a)** A R O U N D $\Rightarrow$ R A U O D N
Similarly,
G R O U N D $\Rightarrow$ R G U O D N

**143. (b)** [APP] R O A C H E D $\Rightarrow$ R O A C H E D [APP]
Similarly,
[BAR] G A I N E D $\Rightarrow$ G A I N E D [BAR]

**144. (c)** $8 \times 8 = 64 \times 4 = 256$
$10 \times 10 = 100 \times 5 = 500$

**145. (b)** $\dfrac{21}{3} = 7$
Similarly, $\dfrac{574}{x} = 7$, $x = \dfrac{574}{7} = 82$

**146. (a)** $S \xrightarrow{-5} N$   Similarly,  $S \xrightarrow{-5} N$
$\quad I \xrightarrow{-5} D \qquad\qquad O \xrightarrow{-5} J$
$\quad L \xrightarrow{-5} G \qquad\qquad I \xrightarrow{-5} D$
$\quad K \xrightarrow{-5} F \qquad\qquad L \xrightarrow{-5} G$

**147. (a)** $(7)^2 - 2 = 47$
$(9)^2 - 2 = \boxed{79}$

**148. (b)** $A \xrightarrow{+1} B$   Similarly, $E \xrightarrow{+1} F$
$\quad C \xrightarrow{+1} D \qquad\qquad G \xrightarrow{+1} H$
$\quad F \xrightarrow{+1} G \qquad\qquad J \xrightarrow{+1} K$

**149. (d)**
$A \xrightarrow{+6} G$   Similarly, $M \xrightarrow{+6} S$
$C \xrightarrow{+6} I \qquad\qquad O \xrightarrow{+6} U$
$E \xrightarrow{+6} K \qquad\qquad Q \xrightarrow{+6} W$
$F \xrightarrow{+6} L \qquad\qquad R \xrightarrow{+6} X$

**150. (a)** Oil is the fuel of lamp.
Similarly, current is the fuel of electric bulb.

**151. (b)** A poet is a writer of a poem.
Similarly,
An author is a writer of a book.

**152. (c)** An optimist person books upon the bright side of things, hence remains cheerful always.
Similarly, a pessimist person books upon the dark side of things, hence remains gloomy always.

**153. (d)** G H J M : Q R T W
$\quad$+1 +2 +3   +4  +1 +2 +3
Similarly,
C D F I : [M N P S]
$\quad$+1 +2 +3   +4  +1 +2 +3

**154. (d)** $C \xrightarrow{+1} D$   Similarly, $A \xrightarrow{+1} B$
$\quad I \xrightarrow{+1} J \qquad\qquad G \xrightarrow{+1} H$
$\quad Q \xrightarrow{+1} R \qquad\qquad O \xrightarrow{+1} P$
$\quad Y \xrightarrow{+1} Z \qquad\qquad W \xrightarrow{+1} X$

**155. (d)**
$\quad$ +5 $\quad$ +5 $\quad$ +5
C A F D : I G L J
$\quad$ −2 $\quad$ −2 $\quad$ −2 $\quad$ −2
Similarly,
$\quad$ +5 $\quad$ +5 $\quad$ +5
O M R P : U S X V
$\quad$ −2 $\quad$ −2 $\quad$ −2 $\quad$ −2

**156. (b)** $(2)^3 = 8 \ \& \ (2+2)^3 => (4)^3 = 64$
Similarly,
$(3)^3 = 27 \ \& \ (3+2)^3 => (5)^3 = 125$

**157. (b)** $(4)^2 + 4 = 20$
$(6)^2 + 6 = \boxed{42}$

**158. (a)** $3 \times 3 \times 3 = 27$
$3 \times 3 = 9$
Similarly, $4 \times 4 \times 4 = 64$, $4 \times 4 = \boxed{16}$

**159. (d)** A Yard is a larger measure than an inch. A quart is a larger measure than an ounce.

**160. (c)** A pesticide is a chemical preparation for protection of crop from insects. Similarly, an antiseptic is a chemical preparation for protection of wound from germs .