

Analogy Exercise Questions, Answers & Explanation

General Intelligence & Reasoning – Analogy

- | | | | | |
|-----|--|-------------------|---------------------------------------|------------|
| | (a) Day | (b) Dusk | (c) JPCH | (d) BJJP |
| | (c) Darkness | (d) Evening | 34. MUMBAI: LTLAZH: DELHI: | |
| 20. | Breeze: Cyclone:: Drizzle : ? | | (a) CDKGJ | (b) IHLED |
| | (a) Earthquake | (b) Storm | (c) CDKGH | (d) BCKGH |
| | (c) Flood | (d) Downpour | 35. RATIONAL: RATNIOLA::____: TRILBA | |
| 21. | Disease: Pathology:: Planet: ? | | (a) TIRLAB | (b) TRIBAL |
| | (a) Astrology | (b) Geology | (c) TRIALB | (d) TIRBAL |
| | (c) Astronomy | (d) Palaeontology | 36. HEATER: KBDOHO:: COOLER:? | |
| 22. | Foresight: Anticipation:: Insomnia : ? | | (a) ALRHV | (b) FLRIHO |
| | (a) Treatment | (b) Disease | (c) FLIRHO | (d) FRLIHO |
| | (c) Sleeplessness | (d) Unrest | 37. PAPER: SCTGW:: MOTHER : ? | |
| 23. | Oasis: Sand:: Island : ? | | (a) ORVLGW | (b) PQVIGT |
| | (a) River | (b) Sea | (c) PQXJJT | (d) PQXKJV |
| | (c) Water | (d) Waves | 38. POPULAR: QPQVMBS::? : GBNPVT | |
| 24. | Major: Battalion:: Colonel: ? | | (a) FAMOSU | (b) FAMOUS |
| | (a) Company | (b) Regiment | (c) FASOUM | (d) FOSAUM |
| | (c) Army | (d) Solthers | 39. CALCUTTA : GEPGYXXE :: ? : FSQFCE | |
| 25. | Shout: Whisper:: Run : ? | | (a) BOMBYA | (b) BOMBAY |
| | (a) Stay | (b) Stand | (c) BOMYAB | (d) BOBAYM |
| | (c) Walk | (d) Hop | 40. PRLN: XZTV:: JLFH : ? | |
| 26. | Smoke: pollution: war:? | | (a) NPRT | (b) NRPT |
| | (a) victory | (b) peace | (c) NTRP | (d) RTNP |
| | (c) treaty | (d) destruction | 41. ACFJ: OUZJ:: SUXB : ? | |
| 27. | Hour: second:: tertiary :? | | (a) GNSA | (b) GLQZ |
| | (a) ordinary | (b) secondary | (c) GKPY | (d) GMRB |
| | (c) primary | (d) intermediary | 42. ACE: HIL:: MOQ : ? | |
| 28. | Safe: secure:: Protect :? | | (a) XVT | (b) TVX |
| | (a) guard | (b) lock | (c) VTX | (d) TUX |
| | (c) sure | (d) conserve | 43. ACBD : EFGH :: OQPR - | |
| 29. | Penology: Punishment: Seismology : | | (a) STUV | (b) RSTU |
| | (a) Law | (b) Earthquake | (c) UVWX | (d) QRST |
| | (c) Liver | (d) Medicine | 44. TSR: FED:: WVU ? | |
| 30. | DRIVEN: EIDRVN:: BEGUM : ? | | (a) CAB | (b) MLK |
| | (a) EUBGM | (b) MGBEU | (c) PQS | (d) GFH |
| | (c) BGMEU | (c) UEBGM | 45. CJDL : FMGR :: IKJR: ? | |
| 31. | NUMBER: UNBMER::GHOST:? | | (a) OQPT | (b) RSTU |
| | (a) HOGST | (b) HOGTS | (c) LSMT | (d) KRMO |
| | (c) HGOST | (d) HGSOT | 46. BCDA : STUR :: KLMJ : ? | |
| 32. | MASTER: OCUVGT:: LABOUR:? | | (a) VWXU | (b) EFHG |
| | (a) NCDQWT | (b) NDERWT | (c) SRTU | (d) QSRP |
| | (c) NBCRWT | (d) NEDRWT | 47. CEG:EGC ::LNP: | |
| 33. | RIDE: LNBE:: HELP : ? | | (a) LPN | (b) UWY |
| | (a) NINP | (b) BAJP | (c) NPL | (d) MOP |

General Intelligence & Reasoning – Analogy

48.	KLM:PON::NOP:	(a) LMK (c) NML	(b) MLK (d) KLN	(a) 41 63. 2149370: 2854610: 2735630:?	(b) 56 (d) 65
49.	ACE: FGH:: LNP : ?	(a) QRS (c) QST	(b) PQR (d) MOQ	(a) 7536501 64. Petrology: Rocks :: Palaeontology : ?	(b) 832150 (d) 9437102
50.	14: 9:: 26 :?	(a) 12 (c) 15	(b) 13 (d) 31	(a) Birds 65. Melt: Liquid: : Freeze: ?	(b) Animals (d) Soil
51.	11 : 17:: 19:?	(a) 2 9 (c) 2 3	(b) 2 7 (d) 2 1	(a) Crystal 66. 8:27::?:81	(b) Solid (d) Evaporate
52.	3 : 27 : : 4 :?	(a) 140 (c) 100	(b) 75 (d) 64	(a) 24 67. Length: Metre: : Power :?	(b) 34 (d) 54
53.	12 : 30 : : 20:?	(a) 25 (c) 35	(b) 32 (d) 42	(a) Calories 68. Square: Cube:: Circle : ?	(b) Degree (d) Kilogram
54.	3 : 10 :: 8, ?	(a) 10 (c) 14	(b) 13 (d) 17	(a) Ellipse 69. Paper: Tree:: Glass : ?	(b) Parabola (d) Sphere
55.	13 : 19 : ?: : 31	(a) 21 (c) 25	(b) 23 (d) 26	(a) Window 70. ACFJ: ZXUQ:: EG IN : ?	(b) Sand (d) Mirror
56.	48: 122:: 168:?	(a) 284 (c) 288	(b) 286 (d) 290	(a) VUSQ 71. ACEG: DFHJ:: QSUW :?	(b) VRPM (d) VTRM
57.	5:21::7:?	(a) 25 (e) 43	(b) 49 (d) 30	(a) TVXZ 72. EGIK: FILO:: FHJL : ?	(b) TQST (d) EGIJ
58.	182:?: 210 : 380	(a) 342 (c) 240	(b) 272 (d) 156	(a) JGMP 73. 10:91 :: 9 : ?	(b) JGPM (d) GJMP
59.	16: 56:: 32;?	(a) 96 (c) 120	(b) 112 (d) 128	(a) 69 74. 7: 56 :: 9 : ?	(b) 72 (d) 97
60.	23: 13 54:?	(a) 45 (c) 40	(b) 39 (d) 41	(a) 63 75. 20 : 50 :: 100 : ?	(b) 81 (d) 99
61.	49: 21 169:?	(a) 26 (c) 42	(b) 39 (d) 13	(a) 150 76. Voyage: Sea sickness:: Heights : ?	(b) 250 (d) 156
62.	25: 37:: 49:?			(a) Ship (b) Travel	

General Intelligence & Reasoning – Analogy

- | | | | | | | |
|-----|---|-------------------|--|-----|-----------------------------------|---------------|
| | (c) Giddiness | (d) Motion | | 82. | Saint: Meditation: : Scientist: ? | |
| 77. | Waitress: Restaurant::? | | | | (a) Research | (b) Knowledge |
| | (a) Doctor: Nurse | (b) Driver: Truck | | | (c) Spiritual | (d) Rational |
| | (c) Teacher: School | (d) Actor: Role | | 83. | King : Palace :: Eskimo : ? | |
| 78. | AROUND: RAUODN::GROUND:? | | | | (a) Caravan | (b) Asylum |
| | (a) RGUODN | (b) NDOOGR | | | (c) Monastery | (d) Igloo |
| | (c) OUNDGR | (d) DNUURG | | 84. | AFKP: DINS:: WBGL : ? | |
| 79. | APPROACHED: ROACHEDAPP::
BARGAINED:? | | | | (a) ORUX | (b) OSWA |
| | (a) AINEDBARG | (b) GAINEDBAR | | | (c) OTYD | (d) OQSU |
| | (c) GAINEDRAB | (d) RABGAINED | | 85. | SINGER: QGLECP:: MONSTER: ? | |
| 80. | 8:256 :: ? | | | | (a) KLNSCP | (b) KLMSCP |
| | (a) 7:343 | (b) 9: 243 | | | (c) KMLQRCP | (d) KLMTDO |
| | (c) 10 : 500 | (d) 5: 75 | | 86. | 18: 5:: 12:? | |
| 81. | 21:3:: 574 : ? | | | | (a) 4 | (b) 10 |
| | (a) 23 | (b) 82 | | | (c) 3 | (d) 6 |
| | (c) 97 | (d) 113 | | 87. | 12: 20::? | |
| | | | | | (a) 15:37 | (b) : 16:64 |
| | | | | | (c) : 27 : 48 | (d) 30:42 |

ANSWER KEY

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

General Intelligence & Reasoning – Analogy

1. (c) ‘Delicious’ is the adjective used for ‘Taste’. Similarly, ‘Melodious’ is the adjective used for ‘Voice’.
2. (a) A successful finish of ‘Education’ equips one with ‘Diploma’. Similarly, a successful finish in ‘Sports’ equips one with ‘Trophy’.
3. (d) The clock makes a journey of time.
4. (c) Cure ensures removal of illness in the same way as remedy insures removal of grief.
5. (d) Bouquet is a bunch of flowers. Similarly, Sentence is a set of words that is complete in itself.
6. (d) Wire is the medium to transmit Electricity. Similarly, Pipe is the medium to carry Water.
7. (b) Mathematics is related to the numbers in the same way History is related to Events.
8. (d) Goods are stored in godown.
9. (c) First is process of preparing the second.
10. (a) First is the shorter form of second.
11. (b) First is an instrument to measure the second.
12. (c) First tackles the second.
13. (b) Dream is antonym of Reality, Similarly, falsehood is antonym of truth.
14. (c) Framework is foundation on which house is built. Similarly, body is built around skeleton.
15. (b) The words in each pair are antonyms.
16. (b) First consists of the second.
17. (a) As medicine cures sickness, in the same way, books remove ignorance.
18. (c) Bank is the land beside a river. Similarly, coast is the land beside a sea,
19. (c) As ‘Rain’ is followed by ‘Thunder’, similarly ‘Darkness’ is followed by ‘Night’.
20. (d) Second is more intense than the first.
21. (c) Diseases are studied under Pathology. Similarly, planets are studied in Astronomy.
22. (c) The words in each pair are synonyms.
23. (c) ‘Oasis’ is a water pool amidst sand. Similarly, island is a piece of land amidst water.
- Remember:** ‘Sea’ would have been the answer if we had ‘desert’ in place of ‘sand’.
24. (b) As Major heads a battalion, the Colonel commands a regiment.
25. (c) Whisper is of lesser intensity than shouting, so is walking to running.
26. (d) Smoke causes pollution similarly, destruction is the result of war.
27. (c) Second is smallest of hour and similarly, primary is initial stage
28. (a) Safe is synonyms of secure and protect is synonyms of guard.
29. (b) Penology is the study of punishment in the same way seismology is the study of earthquake.
30. (b) Fifth and third letters of the first term are first and second letters of the second term and first two letters of the first term are third and fourth letters of the second term.
31. First two letters of the first term are in reverse order in the second term and so are the next two letters.
32. (a) MASTER
-
- Similarly
LABOUR → NCDQWT
33. (d)
-
- Similarly HELP → BJJP
34. (c) M U M B A I
-1↓ -1↓ -1↓ -1↓ -1↓ -1↓
L T L A Z H
- Similarly

D E L H I
 1↓ - 1↓ - 1↓ - 1↓ - 1↓
 C D K G H

35. (b) RATIONAL: RATNIOLA
TRIBAL: TRILBA

First 3 Remain Same Place TRI
 Then coming IIIrd one LBA \Rightarrow TRIBAL
 Comes in IVth place. Then left two took place
 and last if digit comes inter change them.

36. (b) H E A T E R
 $-3\downarrow -3\downarrow -3\downarrow -3\downarrow -3\downarrow -3\downarrow$
 K B D Q H O

Similarly

C O O L E R
 $+3\downarrow -3\downarrow +3\downarrow -3\downarrow +3\downarrow -3\downarrow$
 F L R I H O
 P A P E R

37. (c) $+3\downarrow +2\downarrow +4\downarrow +2\downarrow +5\downarrow$
 S C T G W

Similarly,

M O T H E R
 $+3\downarrow +2\downarrow +4\downarrow +2\downarrow +5\downarrow +2\downarrow$
 P Q X J J T
 P O P U L A R

38. (b) $+1\downarrow +1\downarrow +1\downarrow +1\downarrow +1\downarrow +1\downarrow +1\downarrow$
 Q P Q V M B S

Similarly,

G B N P V T
 $-1\downarrow -1\downarrow -1\downarrow -1\downarrow -1\downarrow -1\downarrow$
 F A M O U S
 C A L C U T T

39. (a) $+4\downarrow +4\downarrow +4\downarrow +4\downarrow +4\downarrow +4\downarrow +4\downarrow +$
 G E P G Y X X
 A

4↓

E

Similarly,

F S Q F C E
 $-4\downarrow -4\downarrow -4\downarrow -4\downarrow -4\downarrow -4\downarrow$
 B O M B Y A

40. (d) As Similarly,

P $\xrightarrow{+8}$ X
 R $\xrightarrow{+8}$ Z
 L $\xrightarrow{+8}$ T
 N $\xrightarrow{+8}$ V
 (d) As, J $\xrightarrow{+8}$ R
 L $\xrightarrow{+8}$ T
 F $\xrightarrow{+8}$ N
 H $\xrightarrow{+8}$ P

41. (d) As, Similarly,

A $\xrightarrow{+14}$ O S $\xrightarrow{+14}$ G
 C $\xrightarrow{+18}$ U U $\xrightarrow{+18}$ M
 F $\xrightarrow{+20}$ Z X $\xrightarrow{+20}$ R
 J $\xrightarrow{+0}$ J B $\xrightarrow{+0}$ B
 A $\xrightarrow{+7}$ H M $\xrightarrow{+7}$ T
 C $\xrightarrow{+6}$ I O $\xrightarrow{+6}$ U
 E $\xrightarrow{+7}$ L Q $\xrightarrow{+7}$ X

42. (d) As, Similarly,
 A $\xrightarrow{+7}$ H M $\xrightarrow{+7}$ T
 C $\xrightarrow{+6}$ I O $\xrightarrow{+6}$ U
 E $\xrightarrow{+7}$ L Q $\xrightarrow{+7}$ X

43. A $\xrightarrow{+2}$ C $\xrightarrow{-1}$ B $\xrightarrow{+2}$ D : E $\xrightarrow{+1}$ F $\xrightarrow{+1}$ G $\xrightarrow{+1}$ H
 $\uparrow \uparrow$
 $+1$

Similarly,
 O $\xrightarrow{+2}$ Q $\xrightarrow{-1}$ P $\xrightarrow{+2}$ R : S $\xrightarrow{+1}$ T $\xrightarrow{+1}$ U $\xrightarrow{+1}$ V
 $\uparrow \uparrow$
 $+1$

44. (b) The letters are consecutive and written in reverse order.

45. (c) In each set of letters, the 1st and 3rd letters are consecutive.

CJDL: FMGR: IKJR: LSMT
 □ □ □ □

46. In each group the first three letters are consecutive and they follows the fourth letter.

A (BCD) : S (TUR) : KLM : U (VWX)

47. (c) The second set EGC is formed by simply putting the first letter of CEG at last to form EGC, and so on.

48. (b) Because KLM are assigned No. 11, 12 & 13 from A onwards, this corresponds to PON, which are also numbered 11, 12 and 13 from Z to A in reverse order. Hence NOP will correspond to MLK.

49. (a) The three letters moved 5,4, and 3 and steps forward respectively.

50. (c) The relationship is $(2x - 4) : x$.

51. (a) 11 : 17 alternate prime number (skipping 13)
 19 : 29 alternate prime number (skipping 23)

General Intelligence & Reasoning – Analogy

52. (d) Second term = (First term)³
Fourth term = (Third term)³
53. (d) $12 = 3^2 + 3$, $30 = 5^2 + 5$:
 $20 = 4^2 + 4$: $? = 6^2 + 6$
54. (d) $3 = 2^2 - 1$, $10 = 3^2 + 1$
 $8 = 3^2 - 1$, $? = 4^2 + 1$
55. (b) 13 and 19 are primes with 17 left out in between.
56. (d) $48 = 7^2 - 1$, $122 = 11^2 + 1$:
 $168 = 13^2 - 1$, $? = 17^2 + 1$
57. (c) $5 \times 5 = 25 - 4 = 21$; $7 \times 7 = 49 - 6 = 43$
58. (a) $210 = (15)^2 - 15$ \square
 $380 = (20)^2 - 20$ \square
 $182 = (14)^2 - 14$ \square
 $(19)^2 - 19 = 342$ \square $14+5$
59. (b) $16 = 8 \times 2$
 $56 = 8 \times 7$
Similarly $32 = 16 \times 2$
 $= 16 \times 7 = 112$
60. (d)
- | | | | | | | | | |
|--------------|--------------|-----|------------|------|--------------|--------------|-----|--------------------|
| 2 | 3 | $:$ | 13 | $::$ | 5 | 4 | $:$ | $\boxed{25+16=41}$ |
| \downarrow | \downarrow | | \uparrow | | \downarrow | \downarrow | | \uparrow |
| $2^2 + 3^2$ | | | | | $5^2 + 4^2$ | | | |
61. (b)
- | | | | | | | |
|--------------|-----|--------------|------|--------------|-----|---------------|
| 49 | $:$ | 21 | $::$ | 169 | $:$ | $\boxed{39}$ |
| \downarrow | | \downarrow | | \downarrow | | \downarrow |
| 7^2 | | 7×3 | | 13^2 | | 13×3 |
62. (d)
- | | | | | | | |
|--------------|-----|---------------|------|--------------|-----|---------------|
| 25 | $:$ | 37 | $::$ | 49 | $:$ | $\boxed{65}$ |
| \downarrow | | \downarrow | | \downarrow | | \downarrow |
| 5^2 | | $(5+1)^2 + 1$ | | 7^2 | | $(7+1)^2 + 1$ |
63. (d) $2+1+4+9+3+7+0=26$
 $2+8+5+4+6+1+0=26$
 $2+7+3+5+6+3+0=26$
Therefore, $9+4+3+7+1+0+2=26$
64. (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.

65. (c) First is the process of formation of the second.
66. (a) $27 \times = 81$
 $\therefore 8 \times 3 = 24$
67. (c) Metre is a unit of length likewise watt is a unit of power.
68. (d) As cube is 3-D of square. Similarly sphere is 3-D of circle.
69. (b) As paper is product of tree. Similarly glass is a product of sand.
70. (d) As, $\downarrow \downarrow \downarrow \downarrow$ similarly, $\downarrow \downarrow \downarrow \downarrow$
 $ZXUQ$ $VTRM$
71. (a) As,
 $A \rightarrow D$
 $C \rightarrow F$
 $E \rightarrow H$
 $G \rightarrow J$ Similarly,
 $Q \rightarrow T$
 $S \rightarrow V$
 $U \rightarrow X$
 $W \rightarrow Z$
72. (d) As,
 $E \rightarrow F$
 $G \rightarrow I$
 $I \rightarrow L$
 $K \rightarrow O$ Similarly,
 $F \rightarrow G$
 $H \rightarrow J$
 $J \rightarrow M$
 $L \rightarrow P$
73. (b) The relationship is $x: (x^2 - 9)$.
74. (c) The relationship is $x: x(x+1)$
75. (b) $50 = 20 \times 2 + 20/2$, So $100 \times 2 + 100/2 = 250$
76. (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
77. (c) Waitress is a person whose job is to serve customers in a restaurant.
Similarly, A teacher teaches students in a school.
78. (a)

 $\Rightarrow R A U O D N$

Similarly,

 $\Rightarrow R G U O D N$

79. (b)  $\Rightarrow R O A C H E D \Rightarrow R O A C$

Similarly,

 $\Rightarrow G A I N E D \Rightarrow G A I N E D$

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

81. (b) $\frac{21}{3} = 7$

Similarly, $\frac{574}{x} = 7$, $x = \frac{574}{7} = 82$

82. (a) A saint practices meditation.

Similarly,

A scientist does research.

83. (d) A palace is the official home of a king.

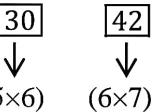
Similarly,

An igloo is a small round house of an Eskimo.

84. (c) $A \xrightarrow{+5} F \xrightarrow{+5} K \xrightarrow{+5} P$
 $D \xrightarrow{+5} I \xrightarrow{+5} N \xrightarrow{+5} S$
 $W \xrightarrow{+5} B \xrightarrow{+5} G \xrightarrow{+5} L$
 $O \xrightarrow{+5} T \xrightarrow{+5} Y \xrightarrow{+5} D$

85. (c) $S \xrightarrow{-2} Q$ Similarly $M \xrightarrow{-2} K$
 $I \xrightarrow{-2} G$ $O \xrightarrow{-2} M$
 $N \xrightarrow{-2} L$ $N \xrightarrow{-2} L$
 $G \xrightarrow{-2} E$ $S \xrightarrow{-2} Q$
 $E \xrightarrow{-2} C$ $T \xrightarrow{-2} R$
 $R \xrightarrow{-2} P$ $E \xrightarrow{-2} C$
 $R \xrightarrow{-2} P$

86. (c) $18/3 - 1 = 5$
 $12/3 - 1 = \boxed{3}$

87. (d)
- | | | | | |
|----------------|---|----------------|----|---|
| 12 | : | 20 | :: |  |
| \downarrow | | \downarrow | | \downarrow |
| (3×4) | | (4×5) | | (5×6) |