

## Analogy Questions - 60 Difficulty Wise MCQs with Solutions

In today's segment, we will be focusing on Analogy, a significant topic of Logical Reasoning section that holds substantial weightage in the SSC exams. Almost 4 - 6 questions surely come from this chapter in almost all SSC exams. Analogy questions are an integral part of the reasoning section and demand a strong grasp of pattern recognition and logical thinking.



Here, we present 60 carefully curated Analogy questions, each designed to cater to different difficulty levels, simulating the diversity encountered in the actual SSC exam. It is recommended to approach these questions systematically, attempting them one by one, much like you would during the actual exam. Difficulty levels are categorised into Easy, Moderate and Hard. By tackling these questions, you will not only enhance your preparation but also develop a deeper understanding of concepts. You can also download Analogy questions and answers PDF by clicking the Download PDF button on the top of this page.

## Analogy Easy Level Practice Questions

Q:1 EFGJ : NOPS :: BGDK : ?

- 1.LQPT
- 2.GPPT
- 3.NQQT



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4.KPMT

**Q:2 BMG : GFH :: LKM : ?**

1.QRP

2.QZS

3.QOP

4.QPO

**Q:3 PV : TA :: LU : ?**

1.VT

2.TX

3.PZ

4.PV

**Q:4 PDXG : RCZE :: ROAD : ?**

1.EJCB

2.TMCB

3.LRBD

4.COGE

**Q:5 AHGF : CJIH :: ETRF : ?**

1.GVTH

2.GTHD

3.TUHG

4.HUVR

**Q:6 GILP : LNQU :: HJMQ : ?**

1.MNSU

2.MOQW

3.MNPX

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4.MORV

**Q:7 Select the set in which the numbers are related in the same way as are the numbers of the following set.****(6, 36, 1296)**

1.(4, 16, 64)

2.(3, 9, 81)

3.(7, 49, 2409)

4.(10, 100, 5000)

**Q:8 53 : 88 :: 81 : ? :: 43 : 77**

1.76

2.99

3.98

4.82

**Q:9 9 : 1331 :: ? : ?**

1.6 : 512

2.6 : 343

3.4 : 64

4.5 : 125

**Q:10 Select the set in which the numbers are related in the same way as are the numbers of the following set.****(10, 34, 106)**

1.(17, 55, 155)

2.(25, 79, 137)

3.(7, 25, 79)

4.(6, 18, 37)

**Q:11 32 : 1056 :: ? : ?**

1.14 : 196



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2.17 : 289

3.44 : 1980

4.39 : 1046

**Q:12 9 : 738 :: 10 : ? 11 : 132**

1.1025

2.1010

3.1008

4.1012

**Q:13 Select the option in which the numbers are related in the same way as the numbers of the following set.**

**(32, 64, 15)**

1.(42, 55, 21)

2.(67, 87, 25)

3.(38, 89, 44)

4.(51, 70, 13)

**Q:14 Baffle : Confuse :: ? : ?**

1.Innocent : Gulty

2.Knowledge : Ignorance

3.Timid : Bold

4.Atrocious : Terrible

**Q:15 Teacher : School :: Postmaster : ?**

1.Students

2.Playground

3.Laboratory

4.Post Office

**Q:16 Dog : Puppy :: Lion : Cub :: Sheep: ?**



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- 1.Calf
- 2.Lamb
- 3.Pig
- 4.Farrow

**Q:17 School : Student :: Office : Colleagues :: Temple : ?**

- 1.Worship
- 2.Devotees
- 3.Friends
- 4.Girls

**Q:18 Cameroon : Yaounde :: Denmark : ?**

- 1.Kabul
- 2.Yerevan
- 3.Copenhagen
- 4.Beijing

**Q:19 Eccentric : Ordinary :: ? : ?**

- 1.Clemency : Ruthlessness
- 2.Happy : Gay
- 3.Start : Begin
- 4.Sad : Angry

**Q:20 BD : 20 :: LA : ?**

- 1.57
- 2.182
- 3.144
- 4.145

## Analogy Moderate Level Practice Questions



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**Q:1 LEVEL : MFVDK :: FENCE : ?**

- 1.GFNDB
- 2.FGNDB
- 3.GFNBD
- 4.FGNBD

**Q:2 DUCK : LDVE :: SWAN : ?**

- 1.MZVR
- 2.MZXT
- 3.OBXT
- 4.OBVT

**Q:3 CAB : XZY :: TRU : ?**

- 1.GFN
- 2.GNV
- 3.GIN
- 4.GIF

**Q:4 ULXM : ? :: RKHP : KFEO**

- 1.MGUK
- 2.NHUL
- 3.NGUL
- 4.NHVL

**Q:5 35 : 64 :: 29 : ?**

- 1.63
- 2.100
- 3.121
- 4.84



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**Q:6**  $23 : 19 :: 56 : ?$

- 1.81
- 2.91
- 3.96
- 4.65

**Q:7** Select the set in which the numbers are related in the same way as the numbers of the following set.

**(14, 34, 62)**

- 1.(10, 30, 56)
- 2.(7, 21, 63)
- 3.(11, 31, 59)
- 4.(5, 35, 80)

**Q:8**  $15 : 210 :: 25 : ?$

- 1.567
- 2.600
- 3.950
- 4.754

**Q:9**  $50 : 65 :: 122 : ?$

- 1.157
- 2.145
- 3.147
- 4.155

**Q:10**  $48 : 32 :: 38 : ?$

- 1.17
- 2.28
- 3.24

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4.19

**Q:11 'Study' is related to 'Knowledge' in the same way that 'Work' is related to:**

- 1.Experience
- 2.Training
- 3.Salary
- 4.Employment

**Q:12 Vacant : Empty :: Dearth : ?**

- 1.Descend
- 2.Scarcity
- 3.Squander
- 4.Abundant

**Q:13 Deer : Fawn :: Fish : ?**

- 1.Lamb
- 2.Joey
- 3.Foal
- 4.Fry

**Q:14 Combustion : Oxygen :: Photosynthesis : ?**

- 1.Sulphur
- 2.Oxygen
- 3.Carbon
- 4.Sunlight

**Q:15 Books : Library :: Artefacts : ?**

- 1.Museum
- 2.Home
- 3.Wall





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4.Hospital

**Q:16 Airplane : Transport :: ? : ?**

1.Polio : Virus

2.Novel : Author

3.Gold : Metal

4.Telephone : Communicate

**Q:17 Cricket : 11 :: Kho-Kho : ?**

1.9

2.11

3.10

4.14

**Q:18 KO : 8 :: YG : ?**

1.5

2.9

3.7

4.3

**Q:19 AC : 8 :: EG : ?**

1.24

2.12

3.31

4.14

**Q:20 ZA : 5 :: YI : ?**

1.4

2.7

3.6

**Analogy Questions - 60 Difficulty Wise MCQs with Solutions**

4.8

## Analogy Hard Level Practice Questions

**Q:1 FAIR : IAIR :: PROM : ? :: PAID : MAIJ**

- 1.MRIS
- 2.SMRI
- 3.SROK
- 4.MRSI

**Q:2 EHMP : WTOL :: RGKL : ?**

- 1.ICTR
- 2.CXBX
- 3.JUQP
- 4.UXST

**Q:3 6 : 26 :: 8 : ? :: 9 : 38**

- 1.37
- 2.28
- 3.27
- 4.34

**Q:4 12 : 130 :: 11 : ? :: 10 : 88**

- 1.89
- 2.103
- 3.100
- 4.108

**Q:5 Select the set in which the numbers are related in the same way as the numbers of the following set: (12, 48, 192)**

- 1.(13, 55, 223)



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2.(5, 17, 99)

3.(8, 32, 128)

4.(25, 101, 297)

**Q:6 743 : 196 :: 418 : ? :: 628 : 256**

1.199

2.169

3.389

4.204

**Q:7 (6, 52, 7) Select the similar set.**

1.(9, 36, 14)

2.(3, 75, 11)

3.(10, 71, 11)

4.(8, 60, 12)

**Q:8 Indra Gandhi International Airpot : Delhi :: Devi Ahilyabai Holkar International Airport : ?**

1.Kerala

2.Mumbai

3.Shimla

4.Indore

**Q:9 DT : 80 :: HF : ?**

1.48

2.56

3.44

4.100

**Q:10 Thrill : Bore :: Amalgamation : ?**

1.Gather



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2. Separation

3. Deadly

4. Unique

**Q:11 Entomology : Study of Insects :: ?**

1. Geology : Study of cells

2. Hydrology : Study of air

3. Ichthyology : Study of Fish

4. Museology : Study of Music

**Q:12 Waiter : Restaurant :: Stenographer : ?**

1. Bank

2. Mall

3. Office

4. School

**Q:13 Nursery : Gardener :: Morgue :: ?**

1. Dead

2. Skeleton

3. Diener

4. Autopsy

**Q:14 Petroleum : Liquid :: Nitrogen : ?**

1. Liquor

2. Liquid

3. Gas

4. Solid

**Q:15 Aeroplane : Hangar :: Ship : ?**

1. Garage



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2. Harbour

3. Helipad

4. Parking

**Q:16 PRT : 81 :: BDF : ?**

1. 8

2. 9

3. 54

4. 76

**Q:17 XBC : 29 :: ADE : ?**

1. 110

2. 105

3. 98

4. 127

**Q:18 JG : 100/49 :: TB : ?**

1. 400/5

2. 650/4

3. 400/4

4. 709/45

**Q:19 ABCD : B46E :: WFHX : ?**

1. X1218Y

2. K1318Y

3. X1216Y

4. X1214T

**Q:20 MG : 21 :: LT : ?**

1. 42

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2.56

3.35

4.33

## Solutions of Easy Level Analogy Questions

**Q:1 (4)** The alphabet from A to Z takes the numerical position value from 1 to 26. 9 is added to the numerical position value of each alphabet.

EFGJ : NOPS

E (5) + 9 = 14 (N); F (6) + 9 = 15 (O); G (7) + 9 = 16 (P); J (10) + 9 = 19 (S)

Similarly, B (2) + 9 = 11 (K); G (7) + 9 = 16 (P); D (4) + 9 = 13 (M); K (11) + 9 = 20 (T)

**Q:2 (2)** B + 5 = G; M + 4 = Q; G + 3 = J

Similarly, L + 5 = Q; V + 4 = Z; P + 3 = S

**Q:3 (3)** P + 4 = T; V + 5 = A

Similarly, L + 4 = P; U + 5 =

**Q:4 (2)** P + 2 = R; D - 2 = C; X + 2 = Z; G - 2 =

Similarly, R + 2 = T; O - 2 = M; A + 2 = C; D - 2 = B

**Q:5 (1)** A + 2 = C; H + 2 = J; G + 2 = I; F + 2 = H

Similarly, E + 2 = G; T + 2 = V; R + 2 = T; F + 2 = H

**Q:6 (4)** G + 5 = L; I + 5 = N; L + 5 = Q; P + 5 = U

Similarly, H + 5 = M; J + 5 = O; M + 5 = R; Q + 5 = V

**Q:7 (2)** (6, 62, 64) → (6, 36, 1296)

Similarly, (3, 9, 81) → (3, 32, 34)

**Q:8 (2)** The pattern here is: The reverse of the numbers are added:- 53 + 35 = 88; 43 + 34 = 77

So, the missing term is = 81 + 18 = 99

**Q:9 (1)**  $(9 + 2)^3 = 1331$ Similarly,  $(6 + 2)^3 = 512$ **Q:10 (3)** Pattern: (x, y, z):-  $y = 3x + 4$ ,  $z = 3y + 4$ Given set: (10, 34, 106):-  $3 \times 10 + 4 = 34$ ;  $3 \times 34 + 4 = 106$ Similarly, for (7, 25, 79):-  $3 \times 7 + 4 = 25$ ;  $3 \times 25 + 4 = 79$

**Analogy Questions - 60 Difficulty Wise MCQs with Solutions****Q:11 (3)**  $X : [X(X + 1)]$ 

$$1056 = 32 \times (32 + 1) = 32 \times 33$$

Similarly,  $44 \times (44 + 1) = 44 \times 45 = 1980$

**Q:12 (2)**  $9 = 9^3 = 729 + 9 = 738$ 

$$11 = 11^3 = 1331 + 11 = 1342$$

Similarly,  $10 = 10^3 = 1000 + 10 = 1010$

**Q:13 (4)** The third number of the set is the sum of all the digits of the first two numbers -  $3 + 2 + 6 + 4 = 15$ 

4) (51, 70, 13):  $5 + 1 + 7 + 0 = 13$

**Q:14 (4)** The words 'Baffle' and 'Confuse' are synonyms of each other. Both words denote something that is impossible or difficult to understand (confusing).

In the given options, 'Atrocious' and 'Terrible' are synonyms of each other. Both words mean extremely bad or unpleasant. The pairs in the remaining options are antonyms of each other.

**Q:15 (4)** As Teacher is related to School, similarly, Postmaster is related to the Post Office**Q:16 (2)** The puppy is the baby of a dog, the cub is the baby of a lion, similarly the lamb is baby of sheep.**Q:17 (2)** The students go to school, colleagues go to the office likewise devotees go to the temple.**Q:18 (3)** Yaounde is the capital of Cameroon. Similarly, Copenhagen is the capital of Denmark.**Q:19 (1)** Eccentric : Ordinary  $\rightarrow$  These 2 words are opposite to each other.

Similarly, Clemency : Ruthlessness, Both words are opposite to each other.

**Q:20 (4)**  $B = 2 = 2^2 = 4$ ;  $D = 4 = 4^2 = 16$ ;  $4 + 16 = 20$ 

Similarly,  $L = 12 = 12^2 = 144$ ;  $A = 1 = 1^2 = 1$ ;  $144 + 1 = 145$

## Solutions of Moderate Level Analogy Questions

**Q:1 (3)**  $L + 1 = M$ ;  $E + 1 = F$ ;  $V ! V$ ;  $E - 1 = D$ ;  $L - 1 = K$ 

Similarly,  $F + 1 = G$ ;  $E + 1 = F$ ;  $N ! N$ ;  $C - 1 = B$ ;  $E - 1 = D$

**Q:2 (3)** The reverse of DUCK is KCUD

$$K + 1 = L; C + 1 = D; U + 1 = V; D + 1 = E$$

Similarly, the reverse of SWAN is NAWS,

$$N + 1 = O; A + 1 = B; W + 1 = X; S + 1 = T$$

**Q:3 (4)** C & Y is reverse pair; A & Z is reverse pair; B & Y is reverse pair.

Similarly, T & G is reverse pair; R & I is reverse pair; U & F is reverse pair.

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**Q:4 (3)** Value of R - 7 = Value of K, Value of K - 5 = Value of F, Value of H - 3 = Value of E, Value of P - 1 = Value of O  
Similarly, Value of U - 7 = Value of N, Value of L - 5 = Value of G, Value of X - 3 = Value of U, Value of M - 1 = Value of L

**Q:5 (3)**  $(3 + 5)^2 = 64$   
Similarly;  $(2 + 9)^2 = 121$

**Q:6 (2)**  $23 \rightarrow 2^2 + 3^2 + (2 \times 3) = 19$   
Similarly for 56,  $5^2 + 6^2 + (5 \times 6) = 91$

**Q:7 (3)** (14, 34, 62):  $14 + 20 = 34$  and  $34 + 28 = 62$   
Similarly, (11, 31, 59):  $11 + 20 = 31$  and  $31 + 28 = 59$

**Q:8 (2)**  $15 \times 15 - 15 = 210$   
Similarly,  $25 \times 25 - 25 = 600$

**Q:9 (2)**  $(n)^2 + 1 : (n + 1)^2 + 1$   
 $7^2 + 1 : (7 + 1)^2 + 1 = 49 + 1 : 64 + 1 = 50 : 65$   
Similarly,  $11^2 + 1 = 121 + 1 = 122$   
And  $(11 + 1)^2 + 1 = 144 + 1 = 14$

**Q:10 (3)** The second number is equal to the product of the digits of the first number  $\square 4 \times 8 = 32$   
Similarly,  $3 \times 8 = 24$

**Q:11 (1)** Just like study provides knowledge, similarly, work gives experience.

**Q:12 (2)** Both 'vacant' and 'empty', mean the same thing, i.e. 'containing nothing'. Similarly, 'dearth' and 'scarcity' mean the same thing, i.e. 'lack of something'.

**Q:13 (4)** The young one of deer is called Fawn.  
Similarly, The young one of Fish is called Fry.

**Q:14 (4)** Just as oxygen is the most essential requirement for combustion, similarly sunlight is the most essential requirement for photosynthesis.

**Q:15 (1)** Just as Books are kept in a Library, similarly Artefacts are kept in a Museum.

**Q:16 (4)** An airplane is used for transportation. Similarly, a telephone is used for communication.

**Q:17 (1)** There are 11 players in a cricket team  
Similarly, There are 9 players in a Kho-Kho team.

**Q:18 (1)** Number = Add the positional value of the given letters till it becomes a single-digit number.  
KO :  $8 \rightarrow K = 11; O = 15; 1 + 1 + 1 + 5 = 8$   
Similarly, YG : ?  $\rightarrow Y = 25; G = 7; 2 + 5 + 7 = 14 = 1 + 4 = 5$



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**Q:19 (1)** Number = Subtract the square of the positional value of the given letters

$$AC : 8 :: EG : ? \rightarrow AC = A = 1, C = 3 \rightarrow (3)^2 - (1)^2 = 9 - 1 = 8$$

$$\text{Similarly, } EG = E = 5, G = 7 \rightarrow (7)^2 - (5)^2 = 49 - 25 = 24$$

**Q:20 (4)** Number = Subtract the positional value of the given letters and then write the square root of the number.

$$ZA : 5 \rightarrow Z = 26; A = 1; 26 - 1 = 25; \text{The square root of } 25 = 5$$

$$YI : ? \rightarrow Y = 25; I = 9; 25 - 9 = 16; \text{The square root of } 16 = 4$$

## Solutions of Hard Level Analogy Questions

$$\text{Q:1 (1)} F \rightarrow 6^2 \rightarrow 36 \rightarrow (3 + 6) = 9$$

$$A \rightarrow 1^3 \rightarrow 1$$

$$I \rightarrow 9^2 \rightarrow 81 \rightarrow (8 + 1) = 9$$

Similarly,

$$P \rightarrow 16^2 \rightarrow 256 \rightarrow (2 + 5 + 6) = 13$$

$$R \rightarrow 18^3 \rightarrow 5832 \rightarrow (5 + 8 + 3 + 2) = 18$$

$$O \rightarrow 15^2 \rightarrow 225 \rightarrow (2 + 2 + 5) = 9$$

$$M \rightarrow 13^3 \rightarrow 2197 \rightarrow (2 + 1 + 9 + 7) = 19$$

$$13 \ 18 \ 9 \ 19 \rightarrow M \ R \ I \ S$$

**Q:2 (3)** The opposite letter of all the letters + 1.

$$EHMP : WTOL$$

$$\text{Similarly, } RGKL : JUQP$$

$$\text{Q:3 (4)} 6 \rightarrow (6 \times 4) + 2 = 24 + 2 = 26$$

$$\text{Similarly, } 8 \rightarrow (8 \times 4) + 2 = 32 + 2 = 34$$

$$\text{Q:4 (4)} 12 \rightarrow (12 \times 11) - 2 = 132 - 2 = 130$$

$$\text{Similarly, } 11 \rightarrow (11 \times 10) - 2 = 110 - 2 = 108$$

$$\text{Q:5 (3)} (12 \times 4) = 48; (48 \times 4) = 192$$

$$\text{So, } (8 \times 4) = 32; (32 \times 4) = 128$$

$$\text{Q:6 (2)} 7 + 4 + 3 = 14; 14^2 = 196$$

$$\text{Similarly, } 6 + 2 + 8 = 16; 16^2 = 256$$

$$\text{Therefore, } 4 + 1 + 8 = 13; 13^2 = 169$$

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**Q:7 (4)** The middle number is the third multiple of the number obtained by adding 1st and 3rd numbers.

$$(6, 52, 7) \rightarrow 6 + 7 = 13; 13 \times 4 = 52$$

$$\text{Similarly, } (8, 60, 12) \rightarrow 8 + 12 = 20; 20 \times 3 = 60$$

**Q:8 (4)** Indra Gandhi International Airport is the name of the airport in Delhi. Similarly, Devi Ahilyabai Holkar International Airport is the name of the airport in Indore.

**Q:9 (1)**  $D = 4; T = 20; 4 \times 20 = 80; DT = 80$

Similarly,  $H = 8; F = 6; 8 \times 6 = 48; HF = 48$

**Q:10 (2)** Bore is the opposite of Thrill. Similarly, Separation is the opposite of Amalgamation.

**Q:11 (3)** Entomology is the study of Insects. Similarly, Ichthyology is the study of Fish

**Q:12 (3)** As a Waiter works in a Restaurant. Similarly, a Stenographer works in an Office.

**Q:13 (3)** A gardener is a person, who works in Nursery. Similarly, Diener is the person, who works in Morgue.

**Q:14 (3)** We know that Petroleum is liquid, similarly, Nitrogen is gas.

**Q:15 (2)** A hangar is a place for housing Aeroplanes. Similarly, Harbor is a place for housing Ships.

**Q:16 (2)** PRT: Positional values  $\rightarrow 16\ 18\ 20$

$$\text{Sum of all the digits into single digit} \rightarrow (1 + 6 + 1 + 8 + 2 + 0) = 18 \rightarrow (1 + 8) = 9 \rightarrow 9^2 \rightarrow 81$$

Similarly, for BDF: Positional values  $\rightarrow 2\ 4\ 6$

$$\text{Sum of all the digits into single digit} \rightarrow (2 + 4 + 6) = 12 \rightarrow (1 + 2) = 3 \rightarrow 3^2 \rightarrow 9$$

**Q:17 (1)** XBC: Positional values  $\rightarrow 24\ 2\ 3$

$$\rightarrow (2 + 4) (2) (3) \rightarrow 6\ 2\ 3 \rightarrow 6^1\ 2^2\ 3^3 \rightarrow 6\ 4\ 27$$

$$(1\text{st number} + 3\text{rd number}) - 2\text{nd number} \rightarrow (6 + 27) - 4 = 29$$

Similarly, for ADE: Positional values  $\rightarrow 1\ 4\ 5$

$$\rightarrow (1) (4) (5) \rightarrow 1\ 4\ 5 \rightarrow 1^1\ 4^2\ 5^3 \rightarrow 1\ 16\ 125 \rightarrow (1 + 125) - 16 = 110$$

**Q:18 (3)**  $JG : 100 / 49 \rightarrow J = 10^2 = 100; G = 7^2 = 49$

Similarly,  $TB : 400 / 4 \rightarrow T = 20^2 = 400; B = 2^2 = 4$

**Q:19 (3)** The first and the last letters are replaced by their next letter and the second letter and the third letter are replaced by  $2 \times$  their positional value

$$ABCD \rightarrow A + 1 = B, B = 2 \times 2 = 4, C = 3 \times 2 = 6, D + 1 = E \rightarrow B46E$$

$$\text{Similarly, } WFHX \rightarrow W + 1 = X, F \leftrightarrow 6 \times 2 = 12, H = 8 \times 2 = 16, X + 1 = Y \rightarrow X1216Y$$

**Q:20 (4)**  $MG : 21 \rightarrow M (13), G (7) \rightarrow (13 + 7) + 1 = 21$

Similarly,  $LT : ? \rightarrow L (12), T(20) \rightarrow (12 + 20) + 1 = 33$



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## Analogy Questions - 60 Difficulty Wise MCQs with Solutions

This article has provided you with a valuable resource for honing your grasp over the Analogy chapter. You have now practiced a carefully categorized collection of practice questions, ranging from easy to moderate to hard difficulty levels. The categorization of questions by difficulty enables strategic preparation, offering you a chance to build a strong foundation and gradually progress towards more challenging problems.

We invite you to share your thoughts and any doubts you may have in the comment section below. Additionally, we encourage you to share your marks scored in the practice questions, as this can be a great way to gauge your progress and learn from your peers. Be assured that KD Live is committed to providing more such blogs, complete with study materials and comprehensive coverage of practice questions from every chapter of the logical reasoning section. Your success is our goal, and we wish you the very best in your upcoming exams!

