



SNS COLLEGE OF TECHNOLOGY
(An Autonomous Institution)
COIMBATORE-35



DEPARTMENT OF AEROSPACE ENGINEERING

19GET275 – VQAR 1

UNIT -3 Analytical Reasoning

Reasoning Analogy – Concept & Basics

Before solving the questions, an aspirant must understand the concept of analogy. An analogy is a word used in terms of comparing two things or finding a relation between two things.

Similarly, in questions related to Analogy in reasoning, options are given, which may or may not be associated with each other and candidates need to find the odd option out.

The analogy questions may be asked in various forms. Given below are the type of questions asked for analogies:

- **Numerical Analogy (Odd One Out)** – A set of options may be given based on a certain pattern, and one of them may be unlikely to follow the pattern and candidates need to choose the odd one out
- **Numerical Analogy (Choose a similar pair)** – An analogy may be given in the question and candidates may have to find a similar analogy, based on the same pattern from the given options
- **Alphabetical/Word Analogy (Odd One Out)** – Options for different word analogy may be given, in which one may not be following the set pattern, candidates need to find that odd one out from the given options
- **Alphabetical/Word Analogy (Choose a similar pair)** – An analogy may be given based on a set pattern and candidates may have to find the word analogy pair from the given options, which follows the exact same pattern

Tips & Tricks to Solve Reasoning Analogy

Given below are a few tips which may help you prepare for the reasoning analogy questions and also help you solve the questions faster:

- The first thing to solve an analogy question is to judge the pattern that is being followed in the given analogy.
- If a candidate is unable to analyse the pattern followed, he/she must refer to the options given. It shall simply analysing the pattern.
- For numerical questions, squares, cubes, multiplication, addition, etc. based patterns may be followed. So ensure that you recheck these pattern as well.
- It is easy to score marks in questions based on analogy as they are direct and not very complicated.
- Having knowledge of basic static GK shall also be important for these questions.



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Solved Examples – Reasoning Analogy

Given below are a few sample questions on reasoning analogy based on the latest pattern and considering the type of questions which may be asked.

Q 1. From the given options, find the pair which is similar to the given pair: 8:4

1. 27:9
2. 216:32
3. 72:24
4. 45:5
5. 37:13

Answer: (1) 27:9

Solution:

The pattern followed is “Cube of a number: square of the same number”

So, $(2 \times 2 \times 2) : (2 \times 2)$

= 8:4

Similarly, $(3 \times 3 \times 3) : (3 \times 3)$

= 27:9

Q 2. From the given options, choose the odd one out.

1. Bangladesh: Taka
2. Brazil: Real
3. Cyprus: Dollar
4. Iran: Rial
5. Japan: Yen

Answer: (3) Cyprus: Dollar; All the other options given are correct in terms of country and their currency. The currency of Cyprus is Euro

Q 3. What shall come in place of (?) Questions mark?



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Flow : River :: Stagnant : ?

1. Canal
2. Dam
3. Ocean
4. Pool
5. Sea

Answer: (4) Pool; Water in river flows whereas the water in a pool is stagnant

Q 4. Find the odd one out from the given options.

1. Book: Author
2. Art: Artist
3. Invention: Scientist
4. Potter: Potter
5. Patients: Doctors

Answer: (5) Patients: Doctors; In all the other options, the creation is given in the first half and the creator in the second half

Q 5. Find the odd one out from the given pairs.

1. 5:15
2. 24:70
3. 33:99
4. 121:363
5. 1:3

Answer: (2)24:70

Solution:

The pattern followed is 3 multiplied by the first digit gives the second digit

$5 \times 3 = 15$ which gives 5:15

$24 \times 3 = 72$ and the given option is 24:70

$33 \times 3 = 99$ which gives 33:99



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$121 \times 3 = 363$ which gives 121:363

$1 \times 3 = 3$ which gives 1:3

Q 1. Which of the given options is correct with respect to the given pair: “Fire: Death”

1. Hunger: Starvation
2. Rain: Snow
3. Fire: Extinguisher
4. Black: Board
5. Pen: Pencil

Q 2. Find the odd one out from the given options.

1. Kathakali: Kerala
2. Mohiniyattam: Tamil Nadu
3. Sattriya: Assam
4. Kuchipudi: Andhra Pradesh
5. Bharatnatyam: Tamil Nadu

Q 3. Out of the given pairs, which of the following is incorrect?

1. Sardar Patel Stadium: Ahmedabad
2. Eden Garden: Kolkata
3. Jawaharlal Nehru Stadium: New Delhi
4. M. Chinnaswamy Stadium: Chennai
5. D.Y.Patil Stadium: Mumbai

Q 4. From the set of pairs given below, find the odd one out.

1. Australia: Kangaroo
2. Bangladesh: Tiger
3. Canada: North America Beaver
4. Finland: Brown Bear
5. India: Peacock

Q 5. What will come in place of question marks in the given series?

ABD: FGI :: PQS:?

1. TUW



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2. UVX
3. XYZ
4. TUV
5. UVW

Q 6. Which of the following analogies does not the pattern as for 9:3?

1. 16:4
2. 12:4
3. 121:11
4. 144:12
5. 81:9

Q 7. Which of the given analogies is incorrect?

1. Algophobia: phobia of pain
2. Bibliophobia: phobia of books
3. Chronophobia: fear of time
4. Hematophobia: fear of water
5. Pharmacophobia: phobia of medication

Q 8. Of the following numbers, which can be a part of the given set?

Set: (3, 17, 19, 23)

1. 13
2. 27
3. 57
4. 93
5. 33

Q 9. Find the missing number in the given analogy.

27: 3:: 64: _____

1. 6
2. 4
3. 7
4. 3
5. 5

Q 10. Find the odd one out



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1. AD: EH
2. BE: FI
3. CF: GJ
4. DG: HK
5. EH: IK

Q 11. Which of the given analogies is correct?

1. Australia: Vienna
2. Canada: Ottawa
3. Chile: Beijing
4. Croatia: Split
5. Egypt: Giza

Q 12. Given below is an analogy based on coding-decoding. Fill in the blank based on the given coding

CHAIRS: EJCKTU :: PARROT: _____

1. RCTTQV
2. RCXXRT
3. QCTTRV
4. GHKKXY
5. RCTVQU

Q 13. What shall come in place of questions mark (?) in the given analogy?

Painter: Painting:: Architect:?

1. Embroidery
2. Statue
3. Building
4. Sculptor
5. Stone

Q 14. Find the odd one out in the given options

1. Doctor: Patients
2. Shopkeepers: Customers
3. Teacher: Students
4. Painter: Paintbrush



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Q 15. Based on the given analogy, find the odd one out

35:175

1. 92:460
2. 15:75
3. 3:15
4. 25:100
5. 32:160

Q 16. Which of the given numbers is a part of the given set?

Set: (13, 39, 65, 117)

1. 139
2. 168
3. 253
4. 156
5. 651

Q 17. Based on the given set, which of the following numbers does form a part of the set?

Set: (11, 7, 13, 37, 41)

1. 113
2. 109
3. 87
4. 89
5. 127

Q 18. What shall come in place of question mark (?) in the given analogy?

?: OZKGLK:: HEAVEN: SVZEVN

1. MONDAY
2. DONATE
3. FUTURE
4. LAPTOP
5. SILVER



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Q 19. Based on the given analogy, find the incorrect one from the given options

BACK: 17

1. ROAD: 39
2. OBEY: 47
3. SAFE: 31
4. NAME: 33
5. QUIZ: 73

Q 20. Based on the given analogies, find the odd one out

1. National Anthem: Jana Gana Mana
2. National Tree: Indian Neem
3. National Calendar: Saka Calendar
4. National Bird: Peacock
5. National Animal: Royal Bengal Tiger

Q 21. Find the odd one out

1. Tehri Dam: Uttarakhand
2. Hirakud Dam: Orisha
3. Bhakra Nangal Dam: Haryana
4. Sardar Sarovar Dam: Gujarat
5. Mettur Dam: Andhra Pradesh

Q 22. Given below are analogies based on the important days and dates. Analyse the analogies and find the odd one out

1. Army Day: 15th January
2. World Cancer Day: 6th February
3. National Doctor's Day: 1st July
4. Worl Environment Day: 5th June
5. National Science Day: 28th February

Q 23. Given below are the abbreviations of different banking terms. Find the one abbreviation which is correct.

1. ADB: Agricultural Development Bank
2. CRR: Cash Ratio Retire
3. CPI: Consumer Price Indent



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4. NABARD: National Agricultural Bank and Rural Development
5. EXIM Bank: Export-Import Bank

Q 24. Based on the analogies given below, find the odd one out

1. Bannerghatta National Park: Karnataka
2. Bandipur National Park: Madhya Pradesh
3. Dudhwa National Park: Uttar Pradesh
4. Gir National Park: Gujarat
5. Nanda Devi National Park: Uttarakhand

Q 25. Based on the Government Schemes in India, the analogies below have been given. One of the given schemes has been incorrectly matched with its Government Ministry. Find that one out

1. Pradhan Mantri Jan Dhan Yojana: Ministry of Health & Family Welfare
2. Atal Pension Yojana: Ministry of Finance
3. Pradhan Mantri Fasal Bima Yojana: Ministry of Agriculture
4. Make in India: Ministry of Commerce and Industry
5. Namami Gange: Ministry of Water Resources

Q 26. Find the odd one out

1. Thar Desert: Largest Desert
2. Kanchenjunga: Highest Mountain Peak
3. Kunchikal falls: Highest Waterfall in India
4. Ganga: Longest River in India
5. Hirakund Dam: Longest Dam in India

Q 27. Based on the given analogy, find which of the given options is incorrect.

ACE:15

1. BET: 200
2. NET: 1400
3. SKY: 5225
4. FLY: 1800
5. MET: 1301

Q 28. Find the odd one out:

1. Kempegowda International Airport: Bengaluru



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2. Sri Guru Ram Dass Jee International Airport: Amritsar
3. Dabolim Airport: Goa
4. Rajiv Gandhi International Airport: New Delhi
5. Dr. Babasaheb Ambedkar International Airport: Nagpur

Q 29. Among the given analogies based on Volcanoes across the world, find the odd one out

1. Mauna Loa: Hawaii
2. Mount Ararat: Turkey
3. Mount Sidley: Antarctica
4. Semeru: Japan
5. Mount Agung: Bali

Q 30. What shall come in place of the blank in the given analogy?

Engineering: Engineer:: MBBS: _____

1. Doctor
2. Lawyer
3. Teacher
4. Actor
5. Dancer