
Logical Reasoning

Analogy

Solved Problems

1. Complete analogous pair:

Automobile: Petrol::?

- A. fire : fuel
- B. plane : propeller
- C. diesel : gas
- D. man : food

Answer: D. man: food

Explanation:

An automobile needs petrol to function.

Similarly, man needs food in order to function.

2. Complete analogous pair:

Calf: cow:: Puppy : ?

- A. cub
- B. kitten
- C. dog
- D. snake

Answer: C. dog

Explanation:

A calf's parent is cow and puppy's parent is dog.

3. Complete analogous pair:**Tungsten : Filament :: Tree : ?**

- A. graphite
- B. paper
- C. wool
- D. fabric

Answer: B. paper**Explanation:**

The first term is used in the production of the second.

4. Complete analogous pair:**Letter : Word ::**

- A. homework : school
- B. club : people
- C. product : factory
- D. page : book

Answer: D. page : book**Explanation:**

A group of letters form a word.

Similarly, a group of pages combined together to form a book.

5. Complete analogous pair.**Brick : Clay :: Ruby : ?**

- A. graphite
- B. corundum
- C. diamond
- D. pearl

Answer: B. corundum**Explanation:**

The second term is used in making the first.

6. Fill in the blanks with appropriate choices:**Soap is to Dirt as Petrol is to**

- A. Dry Cleaner
- B. Grease
- C. Car
- D. Clothes

Answer: B. Grease**Explanation:**

Soap is used to clean dirt based on similar pattern Petrol is used to clean Grease.

7. Happy is to Sad as Straight is to

- A. Line
- B. Rectangle
- C. Parallel
- D. Curve

Answer: D. Curve

Explanation:

Happy is to Sad because they are antonym.

Antonym of Straight is Circle from the given options.

8. Pleasure : Smile :: Pain : ?

- A. Aspirin
- B. Suffering
- C. Grimace
- D. Tranquillity

Answer: C. Grimace

Explanation:

One smiles in pleasure while makes a grimace in pain.

9. Lawn : Grass :: ?

- A. Wool : sheep
- B. Skin : goat
- C. Rice : farm
- D. Pelt : fur

Answer: D. Pelt : fur

Explanation:

As grass grows on lawn similarly, fur grows on pelt.

Second grows on the first.

10. Dawn : Twilight :: ?

- A. Prologue : epilogue
- B. Day : evening
- C. Night : day
- D. Minute : hour

Answer: A. Prologue : epilogue

Explanation:

Dawn is beginning of day while twilight is end of day.

Similarly, a prologue come at the beginning of the book & epilogue at the end of book.

Questions for Practice

1. Moon : Satellite :: Earth : ?

- (a) Sun (b) Planet (c) Solar System (d) Asteroid

2. Forecast : Future :: Regret : ?

- (a) Present (b) Atone (c) Past (d) Sins

3. Influenza : Virus :: Typhoid: ?

- (a) Bacillus (b) Parasite (c) Protozoa (d) Bacteria

4. Fear : Threat 2 : Anger : ?

- (a) Compulsion (b) Panic (c) Provocation (d) Force

5. Melt : Liquid 2 : Freeze: ?

- (a) Ice (b) Condense (c) Solid (d) Crystal

Artificial Language

Solved Problems

1. Here are some of the words translated from an artificial language.

If creektulo means treeplantation;

creekfuos means treemutation;

fuosseed means mutationsapling;

Which word means sapling?

- A. Creek
- B. Tulo
- C. Fuos
- D. Seed

Answer: D. Seed

Explanation:

- ✓ tree means creek;
- ✓ mutation means fuos;
- ✓ sapling means seed.

2. Here are some words translated from an artificial language.

jalkamofti means happy birthday;

moftihoze means birthday party;

mentogunn means goodness;

Which word could mean "happiness"?

- A. jalkagunn
- B. mentohoze
- C. moftihoze
- D. hozemento

Answer: A. jalkagunn

Explanation:

- ✓ Jalka means happy;
- ✓ mofti means birthday;
- ✓ hoze means party;
- ✓ mento means good;
- ✓ and gunn means ness;
- ✓ Thus, jalkagunn means happiness.

3. Here are some of the words translated from an artificial language.

If robbhood means nextgeneration;

hoodgough means generationproud;

goughspur means proudnation;

Which word means generation?

- A. robb
- B. hood
- C. gough
- D. spur

Answer: B. hood

Explanation:

By comparing first and second sentences, we can deduce the meaning of generation.

4. Here are some words translated from an artificial language.

lelibroon means yellowhat;

plekafroti means flowergarden;

frotimix means gardensalad;

Which word could mean "yellowflower"?

- A. lelifroti
- B. lelipleka
- C. plekabroon
- D. frotibroon

Answer: B. lelipleka

Explanation:

yellow means leli;

flower means pleka.

5. Here are some words translated from an artificial language.

granamelke means big tree;

pinimelke means little tree;

melkehoon means tree house;

Which word could mean "big house"?

- A. granahoon
- B. pinishur
- C. pinihoon
- D. melkegrana

Answer: A. granahoon

Explanation:

- ✓ Grana means big;
- ✓ melkemeans tree;
- ✓ pini means little;
- ✓ hoonmeans house.
- ✓ Therefore, granahoon means big house.

6. The question that follow will ask you to reverse the process and translate an English word into the artificial language. Here are some words translated from an artificial language.

malgauper means peach cobbler

malgaport means peach juice

moggagrop means apple jelly

Which word could mean "apple juice"?

- A. malgauper
- B. moggaport
- C. gropport
- D. moggagrop

Answer: B. moggaport

Explanation:

- ✓ Malga means peach;
- ✓ uper means cobbler;
- ✓ port means juice;
- ✓ mogga means apple;
- ✓ and grop means jelly.
- ✓ Therefore, moggaport means apple juice.