Google Logical Reasoning Questions and Answers with Explanation

1. Thermometer: Temperature:: Barometer:?

A. Stress
B. Pressure
C. Force
D. Strain

Answer – B. Pressure
Explanation:
The thermometer is used to measure to Temperature similarly Barometer is used to measure Pressure

2. Judge: Court:: Doctor:?

A. Tehsil
B. Factory
C. Municipality
D. Hospital

Answer – D. Hospital
Explanation:
The judge sits in court similarly doctor sits in the hospital

3. Kitten: Cat:: Cub:?

A. Tiger
B. Dear
C. Giraffe
D. Horse

Answer – A. Tiger
Explanation:
Kitten is the young one of Cat similarly Cub is the younger one of Tiger

4. Choose the odd one

A. Orissa
B. Gujrat
C. Madhya Pradesh
D. Maharashtra

Answer – C. Madhya Pradesh
Explanation:
Except for Madhya Pradesh, all other states have the coastline

5. Choose the odd one

A. Giraffe
B. Horse
C. Lion
D. Cheetah

Answer – B. Horse
Explanation:
Except for horse, all are wild animals

6. **Statement:** Wind is an inexhaustible source of energy.
Assumptions:
I. Wind is one of the many sources of energy.
II. Wind is a source of energy which can be used forever.

A. If only assumption II is implicit.
B. If either I or II is implicit.
C. If neither I nor II is implicit.
D. If only assumption I is implicit.

Answer – A. If only assumption II is implicit.
Explanation:
The assumption on I is not implicit becausthe e wind might be the only source of energy. Assumption II can be easily derived from the statement. "Inexhaustible" means incapable of being used entirely.

7. **Statement:** A lie, which by its delivery blocks the emotional distress of the recipient, is justified.
Assumptions:
I. It is possible that one can alleviate another's stress to be lying about the truth.
II. One of the ways to always justify a lie is to view it as bringing relief to a disturbed person.

A. If only assumption II is implicit.
B. If either I or II is implicit.
C. If neither I nor II is implicit.

D. If only assumption I is implicit.

Answer – D. If the only assumption I is implicit.
Explanation:
A lie about a truth can ease another person's stress under certain circumstances. But, that in no way gives a person the right to always tell a lie or look for an opportunity to lie, if it can be

justified. Hence, the only assumption I is implicit.

8. In a group of 6 students P, Q, R, S, T and U each one having different height. P is taller than T but not as tall as U. Q and U are not the tallest and also R is the shortest. Who is the tallest among them?

A. S
B. Q
C. U
D. P

Answer – A. S
Explanation:
S > (Q,U) > P > T > R

9. Pointing to a photograph, Sahil said, "She is the mother of my son's wife's daughter". How is Sahil related to a lady?

A. Father
B. Father-in-law
C. Son
D. Uncle

Answer - B. Father-in-law
Explanation:
My son's wife's daughter will be my granddaughter, and my granddaughter's mother will be my daughter-in-law. So I m father-in-law of a lady.

10. A woman walking with a boy meets another woman and on being asked about her relationship with the boy, she says, "My maternal uncle and his maternal uncle's maternal uncle are brothers." How is the boy related to the woman?

A. Grandson
B. Son or Nephew
C. Nephew
D. Son

Answer - B. Son or Nephew
Explanation:
This says that the woman's mother has 2 brothers. And they are women's maternal uncle. The boy can be son too and son of a woman's brother too.

Directions (Q 1 - 2): Choose the exact Synonyms of the following words

1. Rescind

A. Exhilarate
B. Redeem
C. Fluctuate
D. Revoke

Answer – D. Revoke
Explanation: Rescind – revoke, cancel, or repeal (a law, order, or agreement).

2. Salient

A. Waver
B. Indecisive
C. Prominent
D. Vitalize

Answer – C. Prominent
Explanation: Salient – most noticeable or important.

Directions (Q.3 - 5): Choose the option which when used to start a sentence combines both the below sentences in one.

3. Any change in oil prices has knock-on effects on almost every sector such as food, manufacturing, transport, and infrastructure. Such has been the nature of the Indian economy.

I. The nature of the
II. Oil pricing has to be
III. Effects on every sector

A. I, III
B. II, III
C. III
D. I

Answer – D. I

Explanation: The nature of the Indian economy is such that any change in oil prices has knock-on effects on almost every sector such as food, manufacturing, transport, and infrastructure.

4. India is in a transitive phase of implementing pollution standard norms. That makes it imperative for India to look at introducing efficient ways of transportation.

I. While phasing out
II. Given that India is
III. For efficient ways of

A. III
B. II, III
C. II
D. I, II

Answer – C. II
Explanation:
Given that India is in a transitive phase of implementing pollution standard norms, it is imperative for India to look at introducing efficient ways of transportation.

5. You cannot choose to act neutrally in a situation of injustice. It'll imply that you have chosen the side of the oppressor.

I. If in a situation
II. If you are acting
III. The side of the oppressor

A. I, II
B. II, III
C. I, III
D. II

Answer – A. I, II
Explanation:
If you are acting neutrally in a situation of injustice, you have chosen the side of the oppressor.

SET - II

Directions (Q. 1 - 2) Choose the correct option in order to Fill in the Blanks

1. Against this_____, it may be valid to ask if giving the nod to the_____and then making an about-turn were no more than political manoeuvres on the part of the Centre.
A. compassionate, jettison
B. backdrop, ordinance
C. Clement, prejudice
D. nonconformism, abandon

Answer – B. backdrop, ordinance
Explanation: backdrop – a painted cloth hung at the back of a theatre stage as part of the scenery.ordinance – an authoritative order.

2. Closer to the admission season, it came out with a_____order_____85% of medical seats for State Board students.

A. disunity , ruination,
B. spearhead, shuck
C. controversial, earmarking
D. forbearing, perniciousness

Answer – C. controversial, earmarking
Explanation: controversial – giving rise or likely to give rise to controversy or public disagreement.
earmarking – designate (funds or resources) for a particular purpose.

Directions (Q. 3 - 5) Sentence Correction

3. The Chinese hold lapsed on Monday, and **have it not raised an objection**, the resolution designating Azhar a terrorist would have been passed automatically.

A. had this not raised an objection
B. had it not raised an objection
C. has it not raised an objection
D. have it not raise an objection

Answer - B. had it not raised an objection
Explanation:
had it not raised an objection

4. We are hoping that over the next quarter or two, keeping in mind that the government **has also reduce the small savings** rate, that the MCLR calculation will now throw up more transmission.

A. has also reduced the small savings
B. has also reduced the small savings
C. have also reduced the small savings
D. has also reduced the small saving

Answer - B. has also reduced the small savings
Explanation:
has also reduced the small savings

5. Indian exporters, especially from the employment oriented engineering (sector), **suffering due to high cost** production, with the situation aggravated by (government-imposed) restrictions on imports on steel, the basic raw material.

A. suffers due to high-cost production
B. suffers due to the high cost of production
C. suffer due to the high cost of productions
D. suffer due to the high cost of production

Answer - D. suffer due to the high cost of production
Explanation:
suffer due to the high cost of production

Google Technical Interview Questions

1. How do you use a "Local Block"?

2. Compare "Switch" statement and "Multiple-If" statements.

3. Write a program to compare lengths of two strings.

4. What are the characteristics of modern DBMS?

5. Give any two points of difference between C++ and Java.

6. Explain RDBMS and how is it different from DBMS.

7. What is nested loop? What is dangling else condition in it?

8. Describe your Final Year project. What was novelty in it?

9. What keyword would you use for Development of a Software Life Cycle? Define this keyword.

10. What is jump statement in C++?

11. Technical questions regarding various projects undertaken during the course of engineering.

12. Write a code to generate divisors of an integer.

13. What do you understand by inheritance and explain its various types?

14. List different attributes in ER model of DBMS.

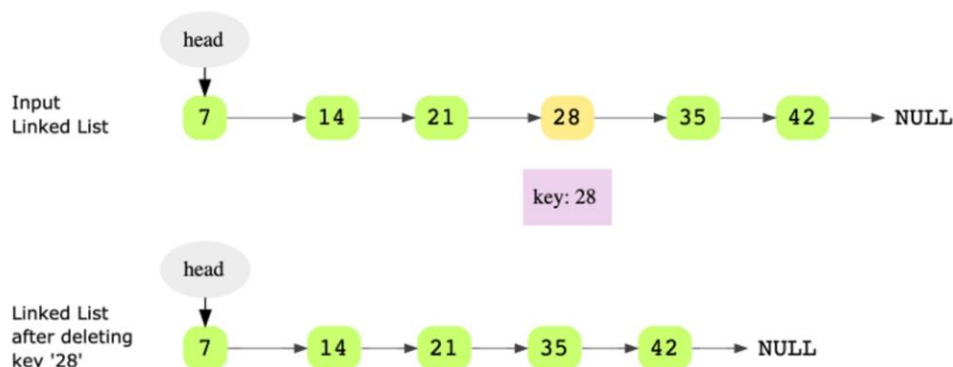15. What do you know about the latest developments in the IT industry?

Google Coding Interview Questions

1. Given an array of integers and a value, determine if there are any two integers in the array whose sum is equal to the given value. https://www.freshersnow.com/
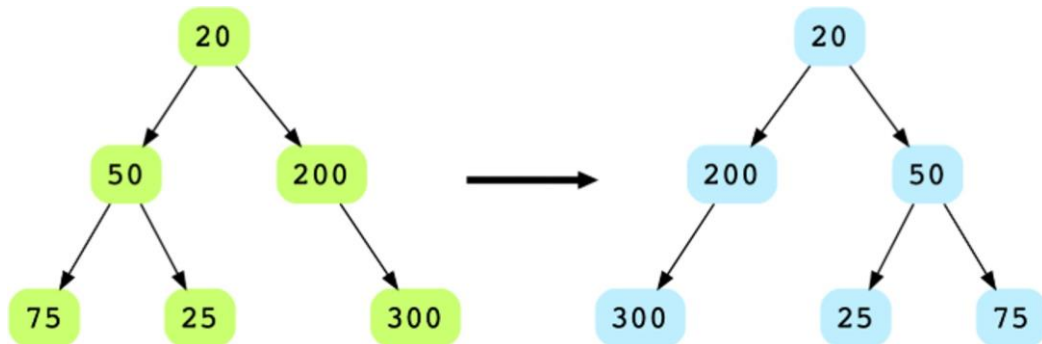
5	7	1	2	8	4	3

Target Sum	10	$7 + 3 = 10, 2 + 8 = 10$
Target Sum	19	No 2 values sum upto 19

2. You are given the head of a linked list and a key. You have to delete the node that contains this given key.

3. Given the root node of a binary tree, swap the 'left' and 'right' children for each node.

4. Given a dictionary of words and an input string tell whether the input string can be completely segmented into dictionary words.

Given dictionary of words

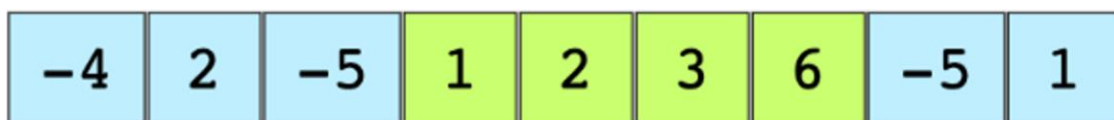| apple | pear | pier | pie |

Input string of "applepie" can be segmented into dictionary words (apple and pie)

| apple | pie |

Input string of "applepeer" cannot be segmented into dictionary words.

| apple | peer |

5. Given an array, find the contiguous subarray with the largest sum.

| −4 | 2 | −5 | 1 | 2 | 3 | 6 | −5 | 1 |

6. Given an input string, determine if it makes a valid number or not. For simplicity, assume that white spaces are not present in the input. https://www.freshersnow.com/

4.325 is a valid number.

1.1.1 is NOT a valid number.
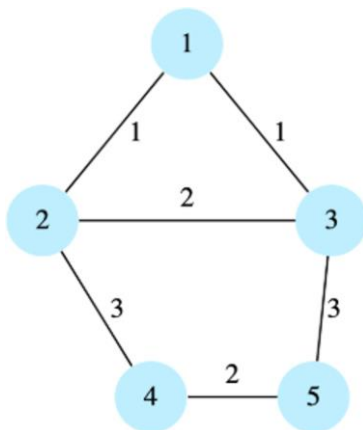
222 is a valid number.

22. is NOT a valid number.

0.1 is a valid number.
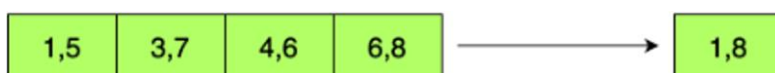
22.22. is NOT a valid number.

1. is NOT a valid number.

7. Find the minimum spanning tree of a connected, undirected graph with weighted edges.

8. Given a sorted array of integers, return the low and high index of the given key. Return -1 if not found. The array length can be in the millions with many duplicates.

Google HR Interview Questions And Answers

1. **Tell us about yourself**

Your goal when you have asked for this question is to convey what you are and the interviewer has to know about your capabilities. While answering this question, make sure that you mentioned your educational qualification, strengths, projects, likes, dislikes, etc., However, by your answer to this question, the panel will come to know what you are capable of and will decide to fit you in the desired job role. https://www.freshersnow.com/

2. What are your short-term goals?

At that instant of time, anyone's goal is to get selected for the company. Let the panel know how much you want to get the job in their company. Also, you can mention your future with the company, saying that 'I would like to be truthful and faithful to this company by contributing as much as I can for its wellness. And I would like to see myself in a recognizable position.'

3. Do you have any plans for further education?

If you really have any plans for further education, then only you proceeded with this question. Either you can say like, 'For the wellness of the company if it needs anything more from me, I am ready to go for the further education. If it is not much required, I will continue to work in the organization.' Keep one thing in mind, you must be genuine and honest while answering this question.

4. Why did you choose this career?

Answer this question with the general sense stating that you have opted for this career for a purpose. The purpose of your choice must satisfy you and the people that live with you. You can convey the answer by stating that, 'As there is much demand for the technology, and for its making, I thought why shouldn't be a part of it. That is why I choose this field as my career.

5. What are your strengths?

You will be asked this question by the interview panel to know your capabilities in solving the problems. Showcase your strengths and let them know what actually you are. To make your explanation more simple, you can tell the recent experience, where you have used your strength to get into the situation.