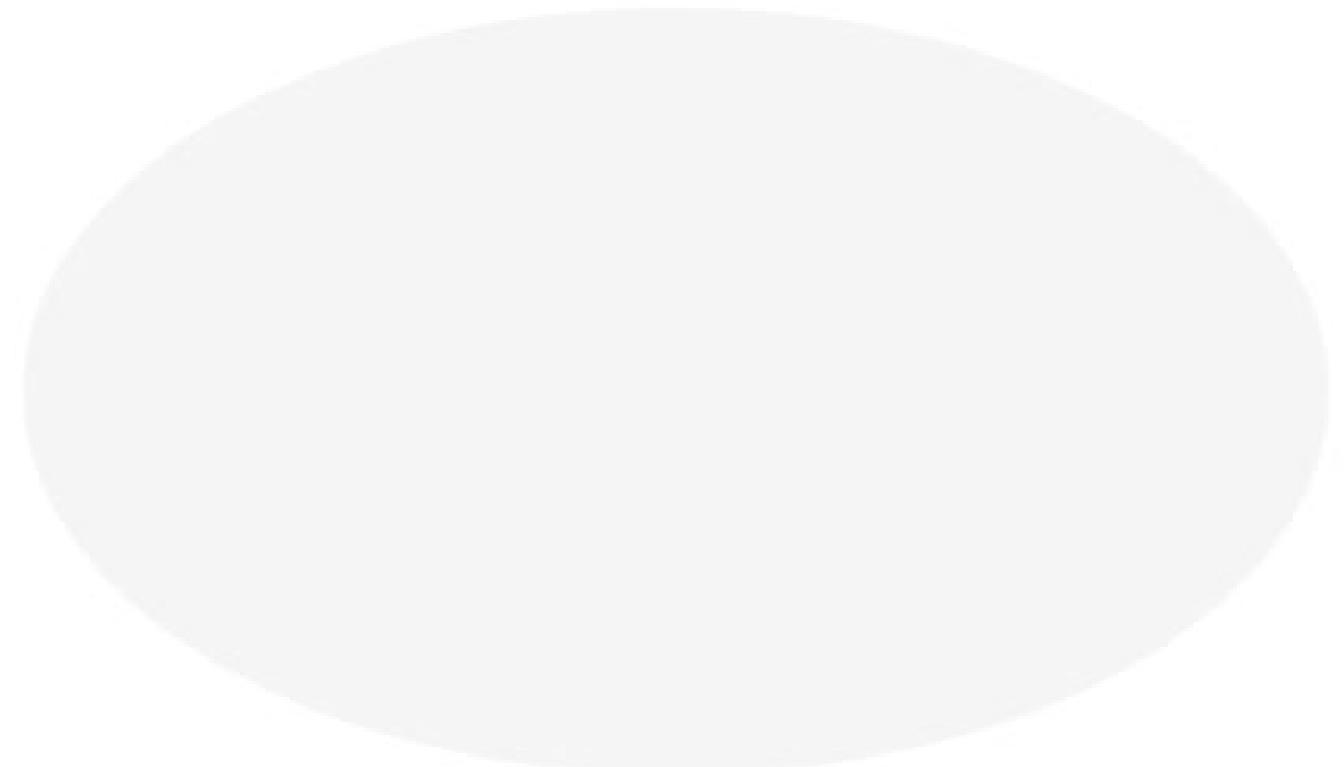
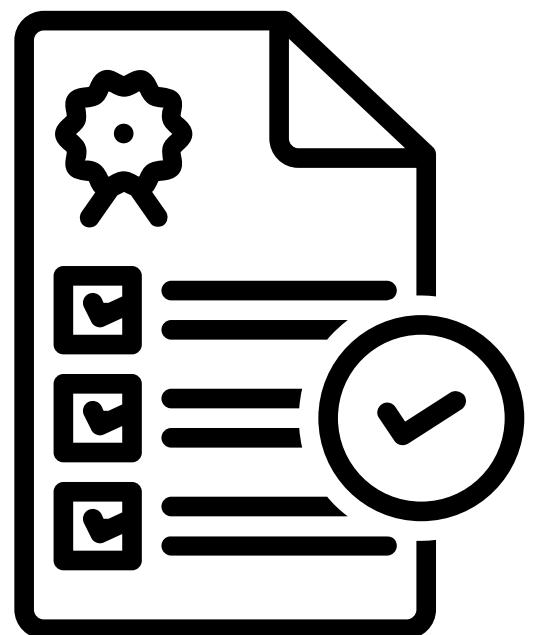


# **APTITUDE ENHANCEMENT**



# WHAT WE DON'T HAVE TO DO

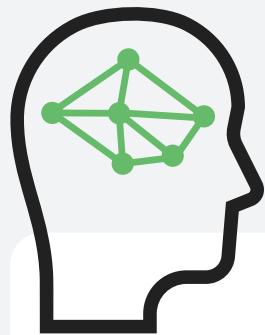


# WHAT WE HAVE TO DO

- Know the format of the test beforehand.
- Focus on your weakest areas.
- Find specific practice tests.
- Accept a practice test beforehand
- Manage your time carefully during the exam
- If you get stuck, move on
- Read all questions carefully
- Go back to missed questions at the end
- More speed, less haste

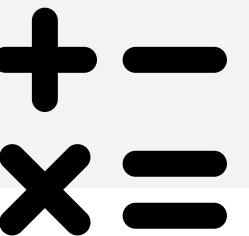


# TOPICS



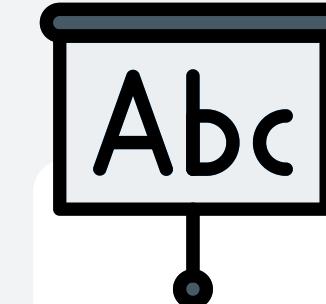
## LOGICAL REASONING

- Number Series
- Blood Relations
- Direction And Distance
- Seating Arrangements
- Puzzles
- Coding-Decoding
- Data Interpretation
- Cause And Effect
- Analogies
- Paper Fittings
- Embedded figures
- Mirror Images



## MATHEMATICAL REASONING

- Number system
- Sequence and series
- Time and distance
- Simple interest
- Profit and loss
- Ratio and proportion
- Logarithm
- Algebraic operation
- Quadratic equation
- Height and distance
- Circle
- Percentages



## ENGLISH

- Comprehension
- One word substitution
- Idioms and phrases
- Antonyms and synonyms
- Spotting error
- Sentence improvement and correction
- Change of voice
- Change of speech
- Homophones
- Vocabulary
- Passage completion
- Fill in the blanks

# MASS RECRUITERS

---



Cognizant



# Mass Recruiters of our College

1. Accenture

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2. Cognizant

---

3. Infosys

---

4. TCS

---

5. DXC

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# ABOUT THE COMPANY



## ACCENTURE

---

Accenture is a global professional services company with leading capabilities in digital, cloud and security.

**Roles offered :**

1. Associate Software Engineer – 4.5LPA
2. Software Engineer – 6.5LPA

# RECRUITMENT PROCESS



## FIRST ASSESSMENT

### COGNITIVE ABILITY

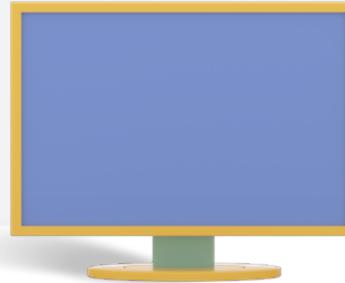
- English Ability
- Analytical Reasoning
- Numerical Ability

### TECHNICAL ROUND

- Application and MS Office
- Pseudo Code
- Fundamentals of security and cloud

### CODING ROUND

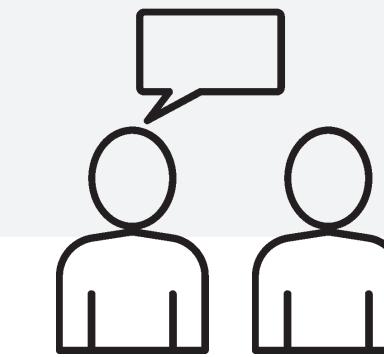
2 Coding Questions



## SECOND ASSESSMENT

### COMMUNICATION ASSESSMENT

- Sentence Mastery
- Vocabulary
- Fluency
- Pronunciation



## THIRD ASSESSMENT

### INTERVIEW

#### Technical and HR Interview

- Why Accenture?
- What are you looking for in a company?
- Where do you see yourself in 5 years?
- Why should we hire you?

# **CTRL + ALT + DEL**

# **INEQUALITY**



**Eligibility Criteria:** This contest is open to all the students from all the engineering colleges in India. Participants can be either be: an individual or a team made up of 4 participants.

## **Challenge Details:**

**Coding Round 1:** Teams will have to solve two coding questions in 3 hours.

**Coding Round 2:** Teams will have to solve two more coding questions of greater complexity in 3 hours.

**Prizes:**      **Winner:** Prizes worth INR 1,00,000

**1st Runner Up:** Prizes worth INR 80,000

**2nd Runner Up:** Prizes worth INR 60,000



# Aptitude Exam Analysis

Accenture is one of the easiest Company to crack especially in campus placements.

---

## APTITUDE ROUND:

- Logical reasoning: 24 questions
- Quantitative reasoning: 25 questions
- English: 25 questions
- Total duration:90 mins.
- No negative marking
- Typical AMCAT test

# Sample Questions



**Q1. Find out which part of the sentence below has an error and mark the option accordingly.**  
**I told him of / for behaving rudely with / the valet, reminding him that / I too was once a driver.**

- A. I too was once a driver
- B. I told him of
- C. the valet, reminding him that
- D. for behaving rudely with

**Answer: Option B**

# Sample Questions



**Q2. Find the missing term in the series given below.**

74, 75, 78, ?, 114, 195

- A. 82
- B. 87
- C. 91
- D. 92

**Answer: Option B**

**Q3. Anthony purchased two dozen oranges at \$12 per dozen and three dozen oranges at \$18 per dozen. Find the average cost per dozen of the oranges that he purchased.**

- A. \$16.2
- B. \$16.8
- C. \$15.6
- D. \$15.8

**Answer: Option C**



LIFE HAI,  
**BREAK**  
BANTA HAI!



**Who is the celebrity involved himself as leader what political leader could have done?**





*Since 2012*

# **SONU SOOD**

# **Which company's founder was youngest billionaire of India in 2020?**



**OYO**

# Which company owns Google ?



Alphabæt

# **What gets wet while drying ?**





**TOWEL**

# Which was world's first programming language?



# **FORTRAN**

# ABOUT THE COMPANY



## COGNIZANT

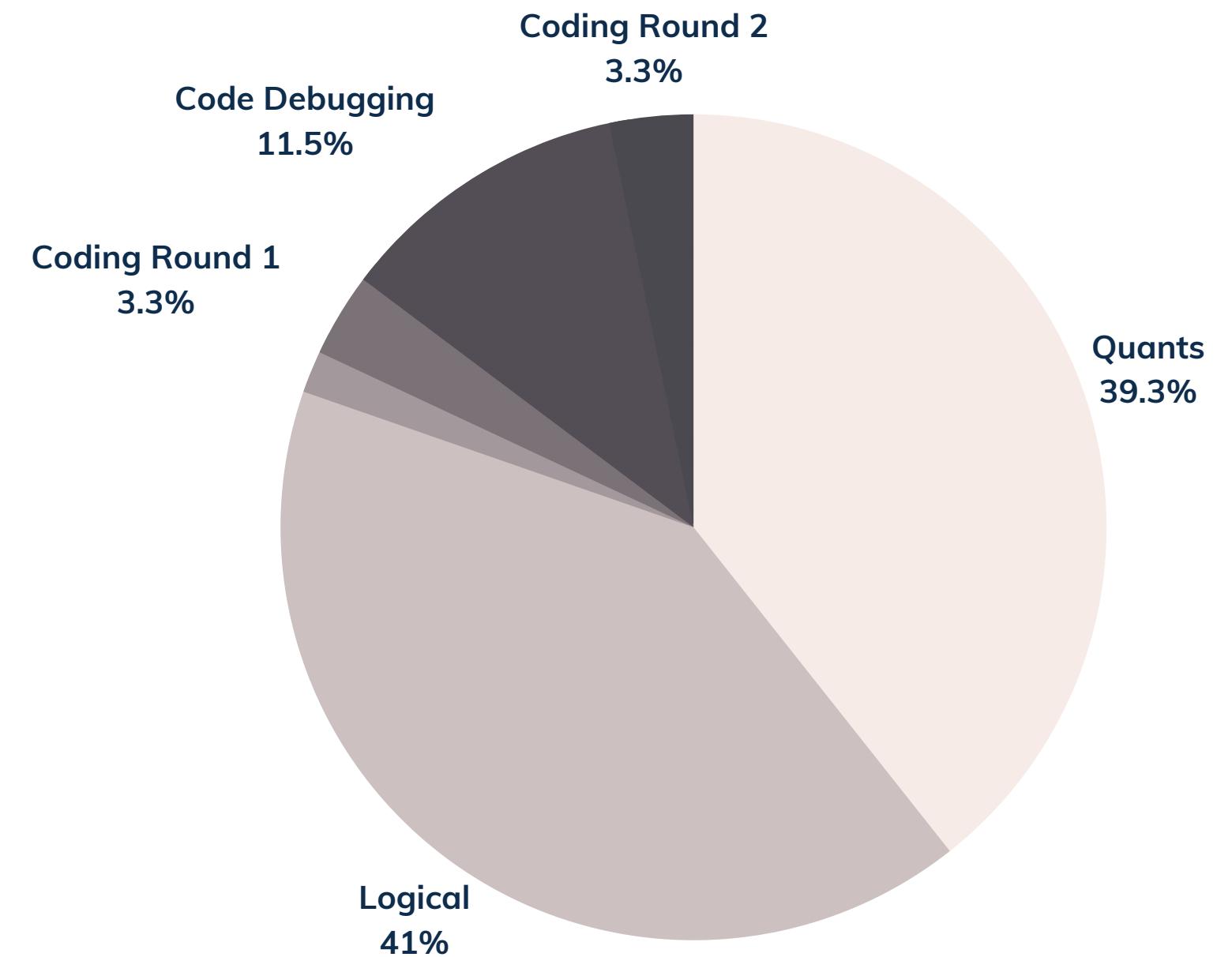
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Cognizant is an American multinational technology company that provides business consulting, information technology and outsourcing services.

It is one of the biggest MNCs' which comes to recruit huge number of students each year both On-campus and Off-campus.

# Round 1

**Pie chart showing the weightage  
of different topics in Round 1 of  
cognizant**



# OFF-CAMPUS RECRUITMENT PROCESS

## ROUND 1

### QUALIFIER ROUND

- Quants
- English
- Logical
- Code Debugging  
(Automata Fix)

## ROUND 2

### CODING ROUND

- SECTION 1: Programming Skills  
SECTION 2: Problem Solving data Structures and Algorithm Capabilities
- 4 Coding Questions

## ROUND 3

### GenC Interview

Candidates who fail clear round 2 will directly head toward the Gen C Interview round.

- Technical
- Cognitive

· Salary During Probation - 4 Lpa  
· Salary After Probation- 4.5 Lpa

## ROUND 3

### GenC Next Interview Round

Candidates who clear round 2 will head towards this interview.

- Problem Articulation
- Algorithm Capabilities
- Programming Concepts
- Cognitive Ability

# ON CAMPUS RECRUITMENT PROCESS



## Round 1 (platform – AMCAT) :

### GENERAL APTITUDE

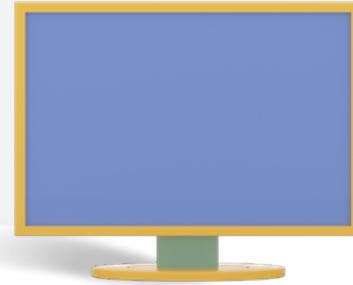
- Quants
- Logical

### CODE DEBUGGING: 7Questions

Need to attempt at least 6 questions from this section to go for Genc Next Interview.

Languages Allowed: C, C++, Java, Python.

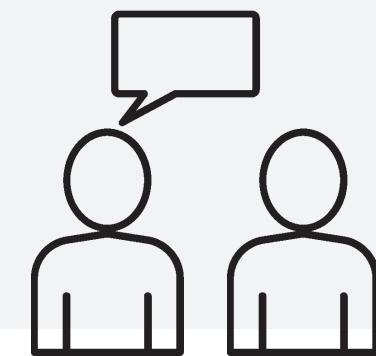
Essay Writing: Situational-based essay



## Round 2 ( platform: Hackerrank)

### CODING ROUND

- Operations on numbers and strings
- Data Structures
- Searching Algorithms
- Sorting Algorithms



## Round 3 (Technical and HR Interview)

- Tell me about yourself.
- Final Year project
- Error handling in C++
- Tell me the OSI Layers.
- Latest technologies that are trending in the IT industry



# Aptitude Round Analysis

---

- Number of Questions - 24 Question
- Time - 35 mins
- Total Marks - 900
- Section Type: Mandatory

# Sample Questions



## Quants:

Q1. When the integer  $n$  is divided by 8, the remainder is 3. What is the remainder if  $6n$  is divided by 8?

- a. 1
- b. 6
- c. 2
- d. 3

[ Answer: 2 ]

Q2. Raj can build a house alone in 16 days but Suraj alone can build it in 12 days. Raj and Suraj work on alternate days. If Raj works on first day, the house will be built in how many days?

- a. 12.5 days
- b. 13(3/4)days
- c. 24/7
- d. 42/7

[ Answer: 13(3/4)days ]

# Cognizant Verbal Exam Analysis

## RULES

- Number of Questions - 1 Question
- Time - 30 mins
- Total Marks - 900
- Section Type: Mandatory

## VOCABULARY

- Synonyms
- Antonyms

## GRAMMAR

- Error Identification
- Sentence Improvement & Construction
- Subject-Verb Agreement
- Tenses & Articles
- Preposition & Conjunctions
- Speech & Voices

## READING COMPREHENSION

- Inferential and Literal Comprehension
- Contextual Vocabulary
- Comprehension ordering
- Sentence Selection
- selecting words

# Sample Questions



## Verbal:

Q1. Select the word or a phrase with best expresses the meaning of the given word BLASPHEMOUS

- a. Regard
- b. Impious
- c. Confound
- d. Scorn

[ Ans: Impious ]

Q2. Select the word which is opposite in meaning of the given word Commissioned

- a. started
- b. closed
- c. unlocked
- d. Terminated

[ Ans: started ]

# Cognizant Logical Exam Analysis

## RULES

- Number of Questions - 25 Question
- Time - 35 mins
- Total Marks - 900
- Section Type: Mandatory

## DEDUCTIVE REASONING

- Coding deductive logic
- Blood Relation
- Directional Sense
- Objective Reasoning
- Selection decision tables
- Syllogism

## INDUCTIVE REASONING

- Analogy and Classification pattern recognition
- Coding pattern and Number series pattern recognition
- Statement & Conclusion
- Seating Arrangements

## ABDUCTIVE REASONING

- Logical word sequence
- Data sufficiency
- Odd Man Out
- Data Arrangements
- Mathematical Orders
- Inferred Meaning

# Sample Questions



## Logical:

Q1.A lady meets a person in the market who is the wife of the brother of her husband. How is lady related to the person?

- a. Mother
- b. Aunt
- c. Co-sister
- d. Sister

[ Answer : Co-sister ]

2. From the given choices select odd man out

- a. BD
- b. FL
- c. JO
- d. KV

[ Answer: : JO ]

# ABOUT THE COMPANY



## DXC

---

**DXC Technology runs mission-critical systems with the latest technology innovations to deliver better business outcomes and new levels of performance, competitiveness and experiences .**

**DXC delivers innovative solutions on a global scale with speed and agility.**

# RECRUITMENT PROCESS

## ROUND 1

### ONLINE TEST

- Quants
- Verbal
- Logical
- Technical

## ROUND 2

### CODING ROUND

- Fibonacci Series
- Even/Odd
- Pattern Questions
- For/while loop

## ROUND 3

### TECHNICAL INTERVIEW

This round basically happens to check candidates technical skills

## ROUND 4

### INTERVIEW

- Where do you see yourself in 5 years?
- How comfortable you are in relocating?
- Are you ok with 24/7?

# **DXC Technology Recruitment - Online Test Pattern**

The Online Test of DXC Technology is a 100 minute test that is conducted on the Aspiring Minds (AMCAT) platform. This year, (2020-21)the test is web-cam proctored.

- The test flows exactly as the order (English first, Logical second etc.). Inter-sectional navigation is not allowed.
- A question once answered cannot be revisited. Please be careful while choosing the answer for a question.
- No negative marking.





# Aptitude Exam Analysis

- Number of Questions - 42 Question
- Time - 45 mins
- One Essay Writing Question
- Section Type: Mandatory

# QUESTION PATTERN

## ENGLISH

- No of questions: 12
- Time duration: 15 mins
- Sentence Completion
- Para-jumbles, Vocabulary, Idioms, Phrasal Verbs, Sentence Improvement, Grammar

## LOGICAL REASONING

- No. of questions : 14
- Time duration: 14 mins
- Blood Relations, Direction Sense
- Coding and Decoding, Odd Man Out, Series
- Data Sufficiency, Data Interpretation

## QUANTITATIVE REASONING

- No. of questions : 12
- Time duration: 15 mins
- Pseudocode, Basic Data Structures,
- Fundamentals of Programming (Data Types, Operators, Arrays, Pattern Programming, Math Based, Functions, Pointers etc.),
- Object Oriented Programming

# Sample Questions



## English:

Fill in the blank(s) with the option that makes the sentence meaningfully complete.

Q1. The monk wanders here and there in search of silence and peace. He lives a \_\_\_\_\_ life.

- A. Nomadic
- B. Boring
- C. Religious
- D. Busy

[ Answer: Nomadic ]

Q2. The labor union decided to go on strike because the management was adamant and did not agree to their terms. The discussion had reached a /an \_\_\_\_\_.

- A. Climax
- B. Obstacle
- C. Impetus
- D. Impasse

[ Answer: Impasse ]

# Sample Questions



## Logical Reasoning:

**Q1.** X says, pointing to Y, “He is my sister’s only brother’s son”. How is Y related to X?

- A. Daughter
- B. Father
- C. Uncle
- D. Son

[ Answer: Son ]

**Q2.** Shivam put his wall clock on a table in such a way that at 9 a.m, the hour hand was pointing south. In which direction will the minute hand point at 9:30 p.m?

- A. North
- B. South
- C. East
- D. West

[ Answer: East ]

# Sample Questions



## Quantitative Aptitude:

Q1. How many 4 digit numbers can be made using 1, 2, 3, 4, 5, 6 and 7 with none of the digits being repeated?

- A. 700
- B. 810
- C. 840
- D. 920

[ Answer: 840 ]

Q2. One gear of pulley rotates at a speed of 3 revolutions per second, another gear rotates at 5 revolutions per second. If both start together, after how many seconds will they be together again?

- A. 12
- B. 27
- C. 15
- D. 38

[ Answer: 15 ]

# QU!Z



# THE RULES OF QUIZ

- Login to the website kahoot.it
- A link will be shared along with the pin in the chat box. Enter the pin once the website prompts for the same.
- Nickname to be entered has to be in the format of USN. Any other name will not be entertained and the score will not be considered.
- The questions will be shared on the screen in the meeting. Look for the question on the meeting screen and mark your answer on the kahoot account.
- The scores of all the rounds will be counted and the one who has attended all the quizzes and has the maximum scores will be awarded with some exciting prizes.

# ABOUT THE COMPANY



## INFOSYS

---

**Infosys Limited (formerly Infosys Technologies Limited) is an Indian multinational corporation that provides business consulting, information technology and outsourcing services.**

### ROLES OFFERED :

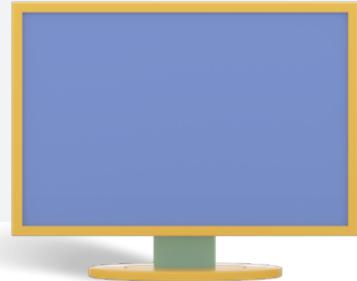
- Trainee Engineer

# RECRUITMENT PROCESS



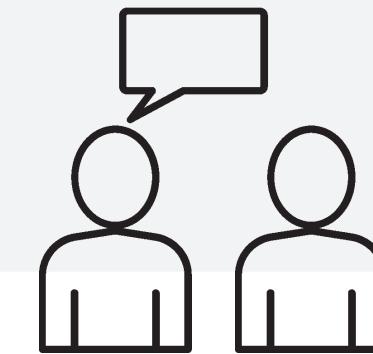
## ONLINE TEST

- Mathematical Ability
- Analytical Reasoning
- Verbal Ability
- Pseudo Code
- Puzzle Solving



## TECHNICAL ROUND

- Differences between C & C++
- OOPS concept and how is it implemented in C++?
- Structs and how are they different from Classes?



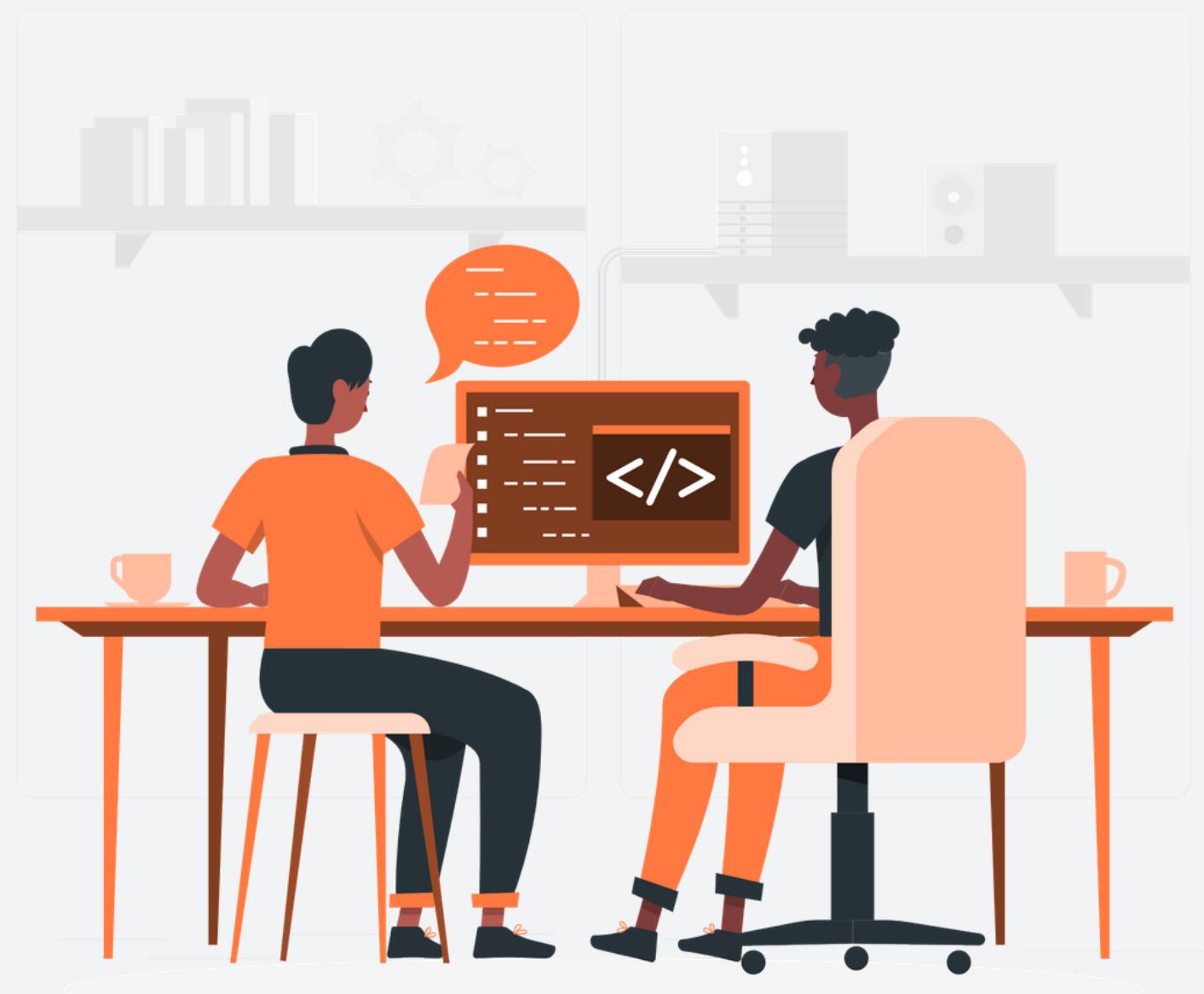
## HR ROUND

- Communication skills
- Confidence
- Attitude
- What are your Career Goals ?
- Why Infosys ?

# INFYTQ - INFOSYS CERTIFICATION PROGRAM

It is an Internal Assessment conducted by the ETA Department of Infosys. The Recruitment for System Engineer contains 3 rounds.

- Qualifying Round - Programming, Database Management, and Aptitude
- Final Round - In depth Programming and Database Management expertise through objective
- Advantage Round - Optional for those who clear the Final Round (scoring 65% or above) with interview opportunity for Power Programmer and System Engineer Specialist roles at Infosys.



# HACKWITHINFY

Hackwithinfy is a coding competition for engineering students graduating in the every year across India. It is conducted in two rounds:

Round 1 : An online individual participation round on Infosys Assessment Platform.

Final round (virtual Grand Finale): The 48-hour hackathon among teams and the Grand Finale is hosted on Infosys Meridian.

The top 100 finalists from Round 1 will compete in the virtual Grand Finale and get a pre-placement interview opportunity (PPI) for the Power Programmer role.





# Aptitude Exam Analysis

---

- Quantitative Ability : 10 questions  
Duration : 35 min
- Reasoning Ability : 15 questions  
Duration : 25 min
- Verbal Ability : 40 questions  
Duration : 35 min

## Sectional Cut-off:

Quantitative Ability : 7 M  
Reasoning Ability : 10 M  
Verbal Ability : 20 M

- No negative marking

# Sample Questions

## QUANTITATIVE/ MATHEMATICAL ABILITY:



**Q1:** Anita goes to College at 20 km/h and reaches college 4 minutes late. Next time she goes at 25 km/h and reaches the college 2 minutes earlier than the scheduled time. What is the distance of her school?

- A. 16 km
- B. 12 km
- C. 15 km
- D. 10 km

[ Ans: 10km ]

**Q2.** Out of 7 consonants and 4 vowels, how many words of 3 consonants and 2 vowels can be formed?

- A. 24400
- B. 21300
- C. 210
- D. 25200

[ Ans: 25200 ]

# Sample Questions

## REASONING ABILITY:



Directions: Each question below has two statements following it. Decide if the statement suffices to answer the question. Choices are:

- A. If only I is sufficient
- B. If only II is sufficient
- C. If both are required
- D. If each can answer independently
- E. If data is inadequate

Q1: Is integer  $x$  divisible by 12?

- I.  $x$  is the product of three consecutive positive integers
- II.  $x$  is the product of three consecutive even integers

[ Ans: B ]

Q2: A pet store sells only dogs and cats. If the ratio of dogs to cats is 3:2, how many dogs are in the pet store?

- I. If the number of cats were to double, the ratio would be 3:4.
- II. If 3 cats were added, there would be more cats than dogs.

[ Ans: E ]

# Sample Questions

## VERBAL ABILITY:



Fill in the blank(s) with the option that makes the sentence meaningfully complete.

1. These essays are intellectually ..... and represent various levels of complexity.

- A. Revealing
- B. Modern
- C. persistent
- D. demanding
- E. persistent

[ Ans: persistent ]

2. It was almost impossible for him to put out of his mind the ..... words which he heard from his clever father-in-law

- A. Inspiring
- B. witty
- C. sarcastic
- D. soothing
- E. exhortative

[ Ans: witty ]

# ABOUT THE COMPANY



## TCS

---

Tata Consultancy Services Limited (TCS) is an Indian multinational information technology (IT) service, by market capitalization (\$80 billion) and placed among the 'Big 4' most valuable IT services brands worldwide.

**Roles offered by TCS:**

- 1.Ninja- 3.36 to 3.6 LPA
- 2.TCS Digital -7.10 LPA

# RECRUITMENT PROCESS

## ROUND 1

### WRITTEN ROUND

- English Verbal
- Basic Aptitude Test
- Programming Logic MCQ
- Coding Questions
- Logical Reasoning

## ROUND 2

### TECHNICAL ROUND

- Data structures and Algorithms
- DBMS
- Operating System
- Networking
- OOPs concepts

## ROUND 3

### MANAGERIAL ROUND

Key for this round:

- Calm
- Confidence
- Clear on your thoughts and to not give up on pressure.
- If you don't know the answer you must try to attempt it with whatever you know.

## ROUND 4

### HR ROUND

Questions on the following:

- Personality
- Education
- Hobbies
- Internships
- General knowledge



# Aptitude Exam Analysis

---

- There are 3 sections in written round
- Numerical ability : 26 questions  
Duration: 40 mins
- Verbal ability : 24 questions  
Duration : 30 mins
- Reasoning ability : 30 questions  
Duration : 50 mins

# Sample Questions



## NUMERICAL :

**Q1. What is the fourth proportional of 0.006, 1.2 &  $6/25$ ?**

- A. 36
- B. 48
- C. 4.8
- D. 3.6

[ Answer: 48 ]

**Q2. Two ants of length 1 cm and 1.2 cm crawl in opposite directions with average speeds of 2 and 3 mm per second respectively. How many seconds will they take to cross each other?**

- A. 4.4
- B. 2.8
- C. 0.4
- D. 1.5

[ Answer: 4.4 ]

# Sample Questions

**VERBAL:**



**Q1.** For the four sentence (S1 to S4) paragraph given below, sentences S1 & S4 are given. From the options P, Q and R, choose appropriate sentences for S2 & S3.

S-1: Some of the earliest currencies were objects from nature.

S-2:

S-3:

S-4: They were similar in size, small and durable.

P- Although they may seem a pretty random choice the shells had a number of advantages.

Q- A notable example is cowrie shells first used as money about 1200 BCE.

R- Counterfeiting dates to the invention of money.

1. QP
2. RQ
3. PQ
4. PR

[ Answer: Option A ]

# Sample Questions



## Reasoning :

1. B is taller than j and 3 pillers. P is shorter than B and 2 pillers. is j shorter/taller than P?

- A. Yes
- B. No
- C. Equal
- D. Data Insufficient

[ Answer: D ]

1. Identify the figure that completes the pattern.

- A. 1
- B. 2
- C. 3
- D. 4

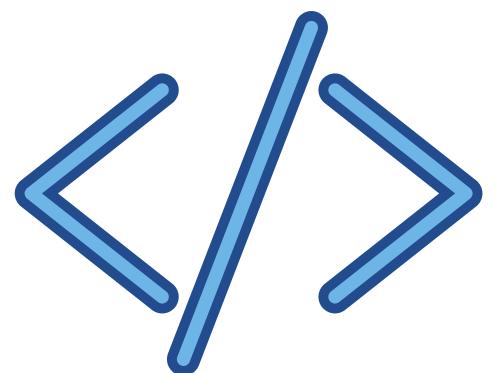


[ Answer: 4 ]

# Team Avalanche



# CODING ROUND





# ABOUT THE COMPANY



## ACCENTURE

---

Accenture is a global professional services company with leading capabilities in digital, cloud and security.

**Roles offered :**

1. Associate Software Engineer – 4.5LPA
2. Software Engineer – 6.5LPA

# INSTRUCTIONS

---

In this round there will be 2 coding questions that can be solved in following languages:  
Java, C, C++, Python, .NET

- Total Duration Time : 45 min
- Negative Marking: No
- If a candidate solves 1 question completely then he/she qualifies for Associate Software Engineer interview and if he/she solves both coding questions completely then he/she gets qualified for Software Engineer interview.

# Sample Questions



## 1. Implement the following Function:

```
def differenceofSum(n, m)
```

The function accepts two integers n, m as arguments. Find the sum of all numbers in range from 1 to m(both inclusive) that are not divisible by n. Return difference between sum of integers not divisible by n with sum of integers divisible by n.

## 2. Implement the following functions:

```
char*MoveHyphen(char str[],int n);
```

The function accepts a string “str” of length ‘n’, that contains alphabets and hyphens (-). Implement the function to move all hyphens(-) in the string to the front of the given string.

# ABOUT THE COMPANY



## COGNIZANT

---

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It is one of the biggest MNCs' which comes to recruit huge number of students each year both On-campus and Off-campus.

# **INSTRUCTIONS**

---

## **OFF CAMPUS**

### **SECTION 1: Programming Skills**

**SECTION 2: Problem solving Data structures and algorithms capabilities. There are 4 Coding Questions**

**(2 Easy +2 Hard) After Clearing Round 2 Candidates are allowed to Round 3 GenC Next Interview**

## **ON CAMPUS**

- Platform used is Hackerrank**
- 4 Questions 120 minutes**
- 10+ Test cases for each Question**
- Languages allowed C, C++ ,Java, Python**

# COGNIZANT

## COGNIZANT AUTOMATA FIX

- Automata fix is the new section being added by Cognizant in its recruitment drive pattern.
- In this section, there will be 7 code snippets, in which there may be some error, or you may have to code a specific part of the code.
- You can code in any of your desired language like C, C++ or Java. There is no restriction in coding language which you want to choose.
- There is even a possibility that you can code first question in some specific language, and then you are coding the next question in some other specific language.
- This test is basically for judging the candidates interpreting level of code.

# **Questions of Automata Fix may come from the below concepts:-**

- 1. Logical questions:** This checks the various logical concepts like Conditions, looping etc.
- 2. Compilation questions:** This checks the candidate basic knowledge of syntax and language-specific concepts.
- 3. Code Reuse questions:** This is a bit tougher than the logical and compilation based questions. The candidate is required to complete the code using the predefined structure or functions.

# Sample Questions

Check for syntax error/ logical error and correct the error

1.

```
1 #include <stdio.h>
2
3 int main() {
4     int a, b, c, max_num;
5     printf("Enter the three numbers\n");
6     printf("First: ");
7     scanf("%d" ,&a);
8     printf("Second: ");
9     scanf("%d" ,&b);
10    printf("Third: ");
11    scanf("%d" ,&c);
12    max_num = (a > b) ? (a > c ? a : c) ? (b > c ? b : c);
13
14    printf("Largest number among %d, %d and %d is %d.", a, b, c, max_num);
15
16    return 0;
17 }
```

2.

```
5 void maxReplace(int size, int *inputList){
6     int i, sum = 0;
7     for(i = 0; i < size; i++){
8         sum += inputList[i];
9     }
10    for(i = 0; i < size; i++){
11        sum = inputList[i]
12    }
13    for(i = 0; i < size; i++){
14        printf("%d ", inputList[i]);
15    }
16 }
17
```

# ABOUT THE COMPANY



## INFOSYS

**Infosys Limited (formerly Infosys Technologies Limited) is an Indian multinational corporation that provides business consulting, information technology and outsourcing services.**

### ROLES OFFERED :

- Trainee Engineer

# INSTRUCTIONS

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- In round 1 for coding there are 2 parts.
- Pseudocode : 5 questions  
Duration : 10 mins
- Puzzle solving : 4 questions  
Duration : 10 mins
- Inter-sectional navigation is restricted.
- Cut-off is relative and varies every year.

# Sample Questions



**The four broad topics from which you can get frequent coding questions are as follows:**

## 1. Swapping

- Swapping of two arrays
- Swapping of two strings

## 2. Number System

- Convert decimal number to binary and octal number.
- convert octal number to hexadecimal number.

# Sample Questions



## 3. String Manipulation

- Sort the characters of a string.
- Count the different types of characters in a given string.

## 4. Matrix Manipulation

- Write a program for the addition of two matrices.
- Write a program to find out the sum of the diagonal elements of a matrix.

# Sample Questions



1. Find the output of following pseudo code :

```
Set a=6, b=3, c=2  
if(b>a && a>c && c>b)  
b = a+1  
else  
a = b+1  
print a+b+c
```

- a. 11
- b. 9
- c. 5
- d. Run time error

2. What will be the output of following code :

```
main()  
{  
while(!7)  
printf("Hai");  
return 0;  
}
```

- A. Hai
- B. HaiHai
- C. Infinite loop
- D. None of these





**WHICH CRICKETER IS SEEN IN  
CRED ADVERTISEMENT ?**

**RAHUL  
DRAVID**



**There is a car company which has a symbol of a bull which country has this car company?**



The background is a vibrant, aerial night photograph of a city at night. The scene is filled with numerous skyscrapers and residential buildings, all glowing with a variety of lights from blue to red. A prominent feature is a multi-level highway or elevated road system that cuts through the city, its lanes blurred by motion into streaks of light. The overall atmosphere is one of a bustling, modern metropolis.

ITALY

A photograph of a satellite in space, oriented diagonally. It features four large blue solar panels and a large white parabolic dish antenna. The background shows the Earth's atmosphere as a thin blue line against the black void of space.

What is name of satellite internet constellation being  
constructed by SpaceX?

*Starline*

. What is the name of vaccine which is prepared by India?

# COVAXIN



The background of the image is a vibrant sunset or sunrise sky. The top half is a clear teal color, while the bottom half is filled with wispy clouds that transition from light blue to deep red and orange. A single black bird is captured in flight, positioned centrally above the text.

Which company owns flipkart?

# WALMART



# ABOUT THE COMPANY



## DXC

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**DXC Technology runs mission-critical systems with the latest technology innovations to deliver better business outcomes and new levels of performance, competitiveness and experiences .**

**DXC delivers innovative solutions on a global scale with speed and agility.**

# INSTRUCTIONS

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**In this round there will be 2 coding questions that can be solved in following languages:**  
**Java, C, C++, Python, .NET**

- Total Duration Time : 45 min
- Negative Marking: No
- The code must start from scratch
- At least one Partial and One Complete Output is required for clearing the round.

# Sample Questions



1. Mayur is developing a game that has three levels in it. He wants to display the results after the successful completion of all the levels for this purpose he is using a function int give Result(int s1, s2, s3), where s1, s2, and s3 are the score of every level. This function will return “Good” if the  $s1 < s2$ , “Best” if  $s1 \geq s2$  and  $s1 \leq s3$  and “Can do better” if  $s1 > s3$ . Can you help Mayur in developing that function.
2. A Monitor of the class wanted to take the attendance, so he circulated a blank page in the classroom asking students to write their student\_id. But some naughty students wrote their id multiple times to trouble the monitor. Monitor went to the teacher and reported the incident, the Teacher asked him to mark the absence of students whose id is repeated in the attendance sheet and give him the number of students with repeated id in the attendance sheet.

# **DXC Technology - AMCAT CODING ROUND**

1. Number Of Questions: 07
2. Total duration Time: 45min
3. Choice of languages between C, C++ and Java
4. Questions of the types - Coding, Code Re-use, Debugging
5. Fundamentals of Programming and OOPS required



# Sample Questions



Find the factorial of a given number. Fix the code below:

```
int main()
{
    long int fact = 1, n, i;
    scanf("%d", &n);

    for(i = 1; i <= n; i++)
    {
        fact = fact * i;
    }
    printf("%d", fact);
    return 0;
}
```

# Sample Questions



Check whether the below program print the below pattern

1111

222

33

```
void main()
{
    int i, j, n;
    scanf("%d", &n);
    for(i = 1; i<=n; i++)
    {
        for(j = 1; j<=n; j++)
        {
            printf("%d", i);
        }
        printf("\n");
    }
}
```

# CODING ROUND

Questions can be asked on:

- Basic programming
- Control Structures
- Conditional statements
- Linear data structures
- Advanced data structures
- Sorting and searching algorithms

# ABOUT THE COMPANY



## TCS

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**Tata Consultancy Services Limited (TCS)** is an Indian multinational information technology (IT) service, by market capitalization (\$80 billion) and placed among the 'Big 4' most valuable IT services brands worldwide.

**Roles offered by TCS:**

- 1.Ninja- 3.36 to 3.6 LPA
- 2.TCS Digital -7.10 LPA
- 3.Innovator role- students belonging to Tier 1 colleges, IITs and NITs

# INSTRUCTIONS

- Two question for 30 minutes and 30 marks.
- There are 6 test cases from which 3 are shown and 3 are hidden.
- Each test case carries 5 marks.
- Languages allow for coding are C, C++, Java, Perl and Python.
- Concerning Java, the class name should be named as Main.
- A scientific calculator will be on the top left of the dashboard.

# Sample Questions

**Coding questions asked are:**

- **String Reversal**
- **Average of Two Numbers**
- **LCM of Two Numbers**
- **HCF/GCD Question**
- **Swapping**
- **Factorial and Series**
- **Operation on Numbers**



# QU!Z



# THE RULES OF QUIZ

- Login to the website kahoot.it
- A link will be shared along with the pin in the chat box. Enter the pin once the website prompts for the same.
- Nickname to be entered has to be in the format of USN. Any other name will not be entertained and the score will not be considered.
- The questions will be shared on the screen in the meeting. Look for the question on the meeting screen and mark your answer on the kahoot account.
- The scores of all the rounds will be counted and the one who has attended all the quizzes and has the maximum scores will be awarded with some exciting prizes.