

## Technical Round

Q1. A person buys 18 local tickets for Rs 110. Each first class ticket costs Rs 10 and each second class ticket costs Rs 3. What will another lot of 18 tickets in which the numbers of first class and second class tickets are interchanged cost?

- A.112
- B.118
- C.121
- D.124

Q2. How many differently shaped triangles exist in which no two sides are of the same length, each side is of integral unit length and the perimeter of the triangle is less than 14 units?

- A.3
- B.4
- C.5
- D.6

Q3. Mahesh visited his cousin Akash during the summer vacation. In the mornings, they both would go for swimming. In the evenings, they would play tennis. They would engage in at most one activity per day, i.e. either they went swimming or played tennis each day. There were days when they took rest and stayed home all day long. There were 32 mornings when they did nothing, 18 evenings when they stayed at home, and a total of 28 days when they swam or played tennis. What duration of the summer vacation did Mahesh stay with Akash?

- A.46 days
- B.36 days
- C.39 days
- D.58 days

Q4. Abhishek had a certain number of Re1 coins, Rs 2 coins and Rs 10 coins. If the number of Re 1 coins he had is six times the number of Rs 2 coins Abhishek had, and the total worth of his coins is Rs 160, find the maximum number of Rs 10 coins Abhishek could have had.

- A.12
- B.10

C.8  
D.6

Q5. There are 2 men, 3 women and 1 child in Pradeep's family and 1 man, 1 woman and 2 children in Prabhat's family. The recommended calorie requirement is- Men: 2400, Women: 1900, Children: 1800 and for proteins is: Men: 55 gm, Woman: 45 gm, children: 33 gm. Calculate the total requirement of calories and proteins for each of the two families.

A.A: 12300, 278; B: 7900, 166  
B.A: 12400, 300; B: 8000, 167  
C.A: 12300, 278; B: 6600, 200  
D.A: 8000, 278; B: 7900, 166

Q6. A group of 630 children is arranged in rows for a group photograph session. Each row contains three fewer children than the row in front of it. What number of rows is not possible?

A.3  
B.4  
C.5  
D.6

Q7. A number of three digits in base 7, when expressed in base 9, has its digits reversed in the order. What is the sum of the digits of the number?

A.5  
B.6  
C.7  
D.8

Q8. Three persons Suresh, Devesh and Prashant were born on different days in the same year. If the date and month of birth of Suresh, Devesh and Prashant are numerically equal, then what could be the minimum difference in the ages of youngest and oldest in days?

- A.56
- B.60
- C.61
- D.62

Q9. A man buys Bank's cash certificates every year for a value exceeding the last year's purchase by Rs 400. After 24 years, he finds that the total value of the certificate purchased by him is Rs 144,000. What is the value of the certificates purchased by him in the 13th year?

- A.Rs 3820
- B.Rs 5400
- C.Rs 6200
- D.Rs 4530

Q10. The sum of the reciprocals of the ages of two colleagues is five times the difference of the reciprocals of their ages. If the ratio of the products of their ages to the sum of their ages is  $14.4 : 1$ , the age (in years) of one of the colleagues must be between (both inclusive).

- A.20 and 23
- B.23 and 26
- C.26 and 30
- D.30 and 35

Q11. When the index of an exponential expression with a positive base is doubled, then the expression increases by 700%. If one of the values that the base cannot have is X which of the following is not a possible value of P?

- A.4
- B.8
- C.5
- D.1

Q12. The currencies in countries X and Y are denoted by Xs. and Ys. respectively. The exchange rate in 1990 was  $1 \text{ Xs.} = 0.6 \text{ Ys.}$  The price level in 2006 in X and Y are 150 and 400 respectively with 1990 as a base of 100. The exchange rate in 2006, based solely on

this purchasing power parity consideration, is 1 Xs.=

- A.0.225 Ys.
- B.0.625 Ys.
- C.1.6 Ys.
- D.3.6 Ys.

Q13. In a family of husband, wife and a daughter, the sum of the husband's age, twice the wife's age, and thrice the daughter's age is 85; while the sum of twice the husband's age, four times the wife's age, and six times the daughter's age is 170. It is also given that the sum of five times the husband's age, ten times the wife's age and fifteen times the daughter's age equals 450. The number of possible solutions, in terms of the ages of the husband, wife and the daughter, to this problem is:

- A.0
- B.1
- C.2
- D.Infinitely many

Q14. A farmer has decided to build a wire fence along one straight side of his property. For this, he planned to place several fence posts at 6m intervals, with posts fixed at both ends of the side. After he bought the posts and wire, he found that the number of posts he had bought was 5 less than required. However, he discovered that the number of posts he had bought would be just sufficient if he spaced them 8m apart. What is the length of the side of his property and how many posts did he buy?

- A.100m, 15
- B.100m, 16
- C.120m, 15
- D.120m, 16

Q15. If Dennis is  $\frac{1}{3}$  rd the age of his father Keith now, and was  $\frac{1}{4}$  th the age of his father 5 year ago, then how old will his father Keith be 5 year from now?

- A.45 year
- B.40 year
- C.55 year

D.50 year

Q16. Students of a class are made to stand in rows. If 4 students are extra in each row, there would be 2 rows less. If 4 students are less in each row, there would be 4 more rows. The number of students in the class is:

- A.90
- B.94
- C.92
- D.96

Q17. A club consists of members whose ages are in A.P. The common difference being 3 months. If the youngest member of the club is just 7 years old and the sum of the ages of all the members is 250, then number of members in the club are:

- A.18
- B.20
- C.25
- D.24

Q18. Large, medium and small ships are used to bring water. 4 large ships carry as much water as 7 small ships. 3 medium ships carry the same amount of water as large ship and 1 small ship, 15 large, 7 medium and 14 small ships, each made 36 journey and brought a certain quantity of water. In how many journeys would 12 large, 14 medium and 21 small ships bring the same quantity?

- A.32
- B.29
- C.49
- D.25

Q19. 21 pencils and 29 pens cost Rs 79. But if the number of pencils and pens were interchanged, the cost would have reduced by Rs 8. Find the cost of each pen.

- A.Re 1
- B.Re 2

C.Re 3  
D.Re 4

Q20. In a factory, each day the expected number of accidents is related to the number of overtime hour by linear equation. Suppose that on one day there were 1000 overtime hours logged and 8 accidents reported and on another day there were 400 overtime hours logged and 5 accidents. What is the expected number of accidents when no overtime hours are logged?

A.2  
B.3  
C.4  
D.5

Q21. A transport agency has 5 carriers, each of capacity 15 tonnes. The carriers are scheduled such that the first carrier makes a trip every day, the second carrier makes a trip every second. The third makes a trip every third day and so on. Find the maximum number of times in a year that it is possible to dispatch a total shipment of 75 tonnes in a single day. The operation starts on the 7th January 2010 and continue till the end of the year (31st December 2010) without any holiday.

A.7  
B.6  
C.5  
D.821

Q22. N persons stand on the circumference of a circle at distinct points. Each possible pair of persons, not standing next to each other, sings a two-minute song one pair after the other. If the total time taken for singing is 28 minutes, what is N?

A.5  
B.7  
C.9  
D.4

**HR Round**

### **1. What five words would describe you as Samsung Electronics?**

The hiring manager requests this of you because she wants to know more about your individual personality. This list can reveal a lot to her about who you are and how you might fit into the workplace. Your answer also gives the manager an indication of your self-perception, which is a good indicator of the type of employee you will be.

### **2. How have you made an impact on your team in the past?**

I would explain and show to him or her the best way possible and if they have a better way then I will encourage him or her to let me know then we can see if it works or not At Samsung Electronics.

### **3. What is your greatest strength At Samsung Electronics?**

This is your time to shine. Just remember the interviewer is looking for work related strengths At Samsung Electronics. Mention a number of them such as being a good motivator, problem solver, performing well under pressure, being loyal, having a positive attitude, eager to learn, taking initiative, and attention to detail. Whichever you go for, be prepared to give examples that illustrate this particular skill.

### **4. Tell me about a time you had to fire a friend?**

Hopefully you've never had to do this, but if you did, talk about how hard it was personally to fire anyone but that you did it objectively.

### **5. What's your management style?**

The best managers are strong but flexible, and that's exactly what you want to show off in your answer. (Think something like, "While every situation and every team member requires a bit of a different strategy, I tend to approach my employee relationships as a coach...") Then, share a couple of your best managerial moments, like when you grew your team from five to 15 or coached an underperforming employee to become the company's top employee.

### **6. Give me an example of a time when you were able to successfully communicate with another person even when that individual may not have personally liked you (or vice versa). How did you handle the situation? What obstacles or difficulties did you face? How did you deal with them?**

First, the key is to state the differences in personality to give the interviewer some background. Second, you want to discuss how that was affecting the situation. Third, show how you were able to adapt to the way the person wanted to be communicated with to achieve your goals

### **7. What position do you prefer on a team working on a project?**

Do not claim to be comfortable with a specific role if you in are in fact not comfortable with it. However, if you have no problem working in certain roles or situations, be sure to discuss this with the interviewer.

### **8. How do you stay organized?**

By maintaining proper routine every day. Putting my strongest points with my weakness. High priority always comes first At Samsung Electronics.

### **9. What do you expect from this job At Samsung Electronics?**

Talk about the potential career development, your career aspirations, your work relationships and the learning you'll receive.

### **10. What are the goals you've set for yourself?**

You could discuss your goals with regards to these categories: Career goals, impact you want to leave on society, financial goals, academic goals, charitable goals.

### **11. Did you consider yourself a team player?**

Of course you're a team player - who isn't. But a simple yes probably isn't the response the interviewer is looking for. Be ready to provide specific example of how you've worked as part of a cohesive team to get things accomplished and how you've focus on team performance rather than individual performance. Make sure not to brag as this will make it appear as that you're more concerned about your own performance and accomplishments than those of the team.

### **12. What is your personal mission statement?**

Is it to conquer the world? Is it to become a CEO? Is it to give back to the community? Is it to inspire others? Define your statement by stating a clear vision of how you want to make an impact on the world with your work.

### **13. What relevant work experience do you have in this career field At Samsung Electronics?**

Talk about specific work related experience for the position you're interviewing for. Make sure the experience is relevant. Don't talk about previous experience that is not related to the position in question. If you don't have specific career related experience speak about prior experience that has helped you develop the specific knowledge and skills required for the position you are applying for.

### **14. Have you ever you have been in a position At Samsung Electronics where you've had to fire someone? How did you feel about that experience?**

Be very thoughtful about your answer. This is a very serious matter for most companies and requires a very serious answer. You need to express that you will do it when it is the right

thing to do but you don't want to give the impression that you're callous to the process. Don't forget that firing is not the same as laying someone off - it typically is for the direct benefit of the company.

**15. Give me a specific example of a time when you had to conform to a policy with which you did not agree?**

You want to first understand why the policy was put into effect. From there, if you truly disagree with it, explain your position to your management. If they don't change it, then you must accept their decision and continue to work or the alternative decision would be to find a new job.

**16. Have you ever been caught stealing, or better yet, have you ever stole anything?**

I guess everyone takes a pen or paper or little things like that. But other than that, NO. I have never stole from my employers or better yet At Samsung Electronics, from anyone.

**17. What specific steps do you utilize in solving workplace problems?**

Analyze the problem At Samsung Electronics. Discuss possible remedies and resulting outcomes. Decide on the remedy and track results. Re-visit problem if it's not resolved.

**18. Are you willing to work overtime or odd hours?**

Be completely honest. You don't want to lie to get the job if you're not going to work the hours required.

**19. What can you offer us that someone else can not?**

Bad Answer: Going negative - if the candidate starts trash talking other candidates, it's a sure sign of a bad attitude. Also, if they can't provide a solid answer, it may show that they lack thorough knowledge of the skills the job requires, and an understanding of where they fit in.

Good answer: The candidate can name specific skills, abilities or understandings they have that apply directly to the job that other candidates are unlikely to have, or are in short supply.

**20. Tell me about the most fun you have had on the job?**

When answering this question, discuss situations where you completed tasks benefitting your previous employers.

**21. What are your thoughts on social media for this role?**

Without a doubt, social media is becoming more and more pervasive in our jobs. You should stress that social media is not appropriate for personal use at work. However, if the

company embraces social media in certain departments (for example marketing), then you may want to discuss how you could use it for work (as long as it applies to your role).

## **22. Why are you the best fit for this job At Samsung Electronics?**

Analyze the job responsibilities and match those to your skills sets. Then discuss how your experience and skills sets can truly create the best impact to the company in that specific job role. Impact could mean marketing impressions, sales, cutting costs, making products more efficiently, creating better customer service, engineering new designs that create customer excitement, etc.

## **23. What will your ramp time be before you become a meaningful contributor?**

Companies want staff that can ramp quickly, but also want people who are realistic. So take into consideration how intense the job is and then give a good answer. For example, if you have simple responsibilities that don't require a huge development curve, then your ramp time will probably be shorter. If it's a complex set of skills that you need to develop, then your ramp time could be longer - the key is you have to explain why you believe that ramp time should be.

## **24. What role do you see technology playing in this role?**

Technology is important to almost every job today but it's not meant to be abused. I believe it's important to increase productivity and not for personal use.

## **25. In what areas do you think you will need guidance?**

Think about what you need to learn going into the job. Skill sets, industry knowledge, relationship building, team dynamics. Which areas are ones you're lacking?

## **26. Why are manhole covers round?**

This is a classic brainteaser, which was reportedly first asked by a Microsoft interviewer. Here's how to "solve" this brainteaser (remember to speak and reason out loud while solving this brainteaser): Why are manhole covers round? Could there be a structural reason? Why aren't manhole covers square? It would make it harder to fit with a cover. You'd have to rotate it exactly the right way.

The pipes below are also round, so fitting them might be easier, as might be making them. So many manhole covers are round because they don't need to be rotated. There are no corners to deal with. Also, a round manhole cover won't fall into a hole because it was rotated the wrong way, so it's safer. Looking at this, it seems corners are a problem. You can't cut yourself on a round manhole cover. And because it's round, it can be more easily transported. One person can roll it.

## **27. What do you like to do outside of work?**

Interviewers ask personal questions in an interview to "see if candidates will fit in with the culture [and] give them the opportunity to open up and display their personality, too." In

other words, if someone asks about your hobbies outside of work, it's totally OK to open up and share what really makes you tick. (Do keep it semi-professional, though: Saying you like to have a few beers at the local hot spot on Saturday night is fine. Telling them that Monday is usually a rough day for you because you're always hungover is not.)

### **28. How do you feel about technology at the workplace in general?**

It's a great enabler for us to collaborate better as a team, for us to reach customers more efficiently and frequently and I believe it can help any company become more efficient, leaner, and more productive.

### **29. Do you have the ability to articulate a vision and to get others involved to carry it out?**

If yes, then share an example of how you've done so at work or college. If not, then discuss how you would do so. Example: "I would first understand the goals of the staff members and then I would align those to the goals of the project / company. Then I would articulate the vision of that alignment and ask them to participate. From there, we would delegate tasks among the team and then follow up on a date and time to ensure follow through on the tasks. Lastly, we would review the results together."

### **30. What have you done to prepare yourself to be a supervisor?**

1. Learn from current supervisors (best practices)
2. Mentor others
3. Be exceptionally good at your current job so that it builds your credibility
4. Have a high emotional IQ

### **31. What motivates you to work At Samsung Electronics?**

Describe what makes you passionate about the work. It could be the company's vision, the product, your desire to succeed, the clients, your peers and so on. The key is to first understand what internally motivates you to do your job and then to emphasize that in a positive way

### **32. How articulate are you in expressing your ideas?**

One of the best ways to answer this question is clearly articulate three points that demonstrate how articulate you are (and in a sense show that in a live setting) - for example: "I would say I'm articulate because one, I typically gather my thoughts before speaking, two, I organize my thoughts well, and three I'm concise when making a point."

### **33. What's a time you disagreed with a decision that was made at work?**

Everyone disagrees with the boss from time to time, but in asking this interview question At Samsung Electronics, hiring managers want to know that you can do so in a productive,

professional way. “You don't want to tell the story about the time when you disagreed but your boss was being a jerk and you just gave in to keep the peace. And you don't want to tell the one where you realized you were wrong,”. Tell the one where your actions made a positive difference on the outcome of the situation, whether it was a work-related outcome or a more effective and productive working relationship.

### **34. If someone had to say something negative to you, what would they say?**

Again, be honest about sharing a story here about someone who may not have gotten along with you in the office here and explain how you were able to fix that relationship or change your attitude/action to be a better person / coworker.

### **35. What does your professional network look like?**

If you have a professional network, discuss it detail (# of contacts, people you know, their positions and what you've learned from them or how you've worked with them). If you don't have one, discuss how you would develop one (career fairs, networking events for that industry, through your existing friends, etc)

### **36. Describe your vision of your perfect dream job?**

Ideally, the role you're applying for either is that dream job or will help you get to it. If it's going to help you get there, describe the elements of that job role that you are passionate about so that it ties to the vision of what your dream job is. Be honest and talk about the type of work environment, management team / leadership, coworkers, culture, vision and products/services you'd like your dream job to entail.

### **37. What does "collaboration with teammates" mean to you?**

Drinking at the water cooler together is not the best example. Think of how you can collaborate with teammates to generate new ideas, to create initiatives to impact the business' success for the better (specifically in the department that you're applying for). For example, if you're applying to marketing, collaboration could mean discussing new ways of social media advertising to reach an audience of over a million people to strengthen the brand awareness of the company.

### **38. Why are you interested in this type of job At Samsung Electronics?**

You're looking for someone who enjoys working with the elderly, or a caring, sociable, and nurturing person.

### **39. Describe what a bad work environment would look like to you At Samsung Electronics?**

There could be a multitude of things to discuss here: Business ethics (wrongdoing), inconsiderate teammates, non-supportive management, a product that does not do what you're promising customers and so forth.

#### **40. What did you major in and why?**

Tell them your major and the motivations behind why you chose it and how it's helped to prep you for this potential job.

#### **41. Are you aggressive?**

If you are, describe it through a story / experience that you had. If you aren't, then explain why you're not. If the job role asks for you to be aggressive/not aggressive and you're the opposite of it, explain how you would develop that characteristic.

#### **42. Do you have any questions for me?**

Good interview questions to ask interviewers at the end of the job interview include questions on the company growth or expansion, questions on personal development and training and questions on company values, staff retention and company achievements.

#### **43. How would you motivate your team members to produce the best possible results?**

Trying to create competitive atmosphere, trying to motivate the team as a whole, organizing team building activities, building good relationships amongst people.

#### **44. What were the responsibilities of your last position At Samsung Electronics?**

If you want to show your ambition, you can discuss how you haven't reached all of your goals yet and in that sense aren't satisfied. However, if you want to discuss satisfaction from your job discuss an experience in which you achieved something.

#### **45. Have you got any questions?**

This is your final opportunity to persuade the interviewer that you are the right candidate for the job. Now is not the time to ask questions about holidays, pay or pensions – all these things can be asked later when you get an offer of employment. Now is the time to ask about any reservations that the interviewer may have about your suitability for the role. You will then give yourself one last chance to persuade the interviewer that you are the right candidate for the job.

Example Thank you. I think we have covered everything. Before we finish the interview I would like to take the opportunity to ask if you have any reservations about my suitability for this role?

#### **46. Do you have any question regarding this job At Samsung Electronics?**

Never ask Salary, perks, leave, place of posting, etc. regarded questions. Try to ask more about the company to show how early you can make a contribution to your organization like. "Sir, with your kind permission I would like to know more about induction and developmental programs?" OR Sir, I would like to have my feedback, so that I can analyze and improve my strengths and rectify my shortcomings.

#### **47. How do you evaluate your ability to handle conflict?**

I pride myself on being a good problem solver. Through my previous job and management positions I have faced numerous conflicts in different situations, and my experiences have helped me to hone my issue resolution skills. I believe that it is important to get to and address the root of the issue, in a respectable manner.

#### **48. What would your first 30, 60, or 90 days look like in this role At Samsung Electronics?**

Start by explaining what you'd need to do to get ramped up. What information would you need? What parts of the company would you need to familiarize yourself with? What other employees would you want to sit down with? Next, choose a couple of areas where you think you can make meaningful contributions right away. (e.g., "I think a great starter project would be diving into your email marketing campaigns and setting up a tracking system for them.") Sure, if you get the job, you (or your new employer) might decide there's a better starting place, but having an answer prepared will show the interviewer where you can add immediate impact-and that you're excited to get started.

#### **49. What would you like to have accomplished by the end of your career?**

Think of 3 major achievements that you'd like to accomplish in your job when all is said and done - and think BIG. You want to show you expect to be a major contributor at the company. It could be creating a revolutionary new product, it could be implementing a new effective way of marketing, etc.

#### **50. What do you think is your greatest weakness?**

Don't say anything that could eliminate you from consideration for the job. For instance, "I'm slow in adapting to change" is not a wise answer, since change is par for the course in most work environments. Avoid calling attention to any weakness that's one of the critical qualities the hiring manager is looking for. And don't try the old "I'm a workaholic," or "I'm a perfectionist."

#### **51. Give me an example of an emergency situation that you faced. How did you handle it?**

There was a time when one of my employers faced the quitting of a manager in another country. I was asked to go fill in for him while they found a replacement and stay to train that person. I would be at least 30 days. I quickly accepted because I knew that my department couldn't function without me.

#### **52. Do you think you have enough experience At Samsung Electronics?**

If you do not have the experience they need, you need to show the employer that you have the skills, qualities and knowledge that will make you equal to people with experience but not necessary the skills. It is also good to add how quick you can pick up the routine of a new job role.

### **53. How do you think I rate as an interviewer?**

I think you did fine. I'm sure you've conducted a lot of interviews, and it's probably second nature for you now. Thanks for taking the time to meet with me today. I'm sure you have a lot of things you have to juggle every day.

I'd say you rate at least ten out of ten. The questions you asked seemed spot on. I can tell you guys are working hard to find the perfect applicant for the job. I'm glad I could meet with you.

### **54. What do you think we could do better or differently?**

This is a common one at startups. Hiring managers want to know that you not only have some background on the company, but that you're able to think critically about it and come to the table with new ideas. So, come with new ideas! What new features would you love to see? How could the company increase conversions? How could customer service be improved? You don't need to have the company's four-year strategy figured out, but do share your thoughts, and more importantly, show how your interests and expertise would lend themselves to the job.

### **55. What is your biggest achievement?**

Quality work to be is about doing work to the require or set standard, which is very important when it comes to warehouse operations.

### **56. What's the least rewarding work you've ever done and why?**

Describe work you've done that you feel doesn't take advantage of your full potential. For example, "I once had to make paper copies for my job and I feel it didn't take full advantage of my skills. However, it did teach me to be humble in my work and to appreciate a good opportunity when it arose to use my skills"

### **57. What kind of salary do you need At Samsung Electronics?**

This is a loaded question and a nasty little game that you will probably lose if you answer first. So, do not answer it. Instead, say something like, that's a tough question. Can you tell me the range for this position? In most cases, the interviewer, taken off guard, will tell you. If not, say that it can depend on the details of the job. Then give a wide range.

### **58. How do you plan to go by an example for your subordinates?**

Sticking to the rules by yourself, working hard and not mind participating on basic tasks is a good answer.

### **59. How do you decide what to delegate and to whom?**

Identify the strengths of your team members and their availability based on the priorities they have on their plate. From there, invest the tasks upon each member based on where you think you'll get the best return.

## **60. What do you know about this department?**

One good way to find out about the department is to try to "informally" interview the existing employees over coffee (outside of the office) if possible. It's hard if you don't have any connections there, but if you do a great way to learn about it. Other than that, it's often hard to learn about the department so you can turn the table back on them by asking questions to learn about it.

## **61. Describe a typical work week for this position At Samsung Electronics?**

Interviewers expect a candidate for employment to discuss what they do while they are working in detail. Before you answer, consider the position At Samsung Electronics you are applying for and how your current or past positions relate to it. The more you can connect your past experience with the job opening, the more successful you will be at answering the questions.

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