<u>MOST EXPECTED INTERVIEW QUESTIONS-</u>

<u>General HR Questions</u>

1. Tell me about yourself.
2. What are your strengths and weaknesses?
3. Why do you want to work with our company?
4. Where do you see yourself in five years?
5. Why did you choose to pursue an MCA degree?
6. Describe a challenging situation you faced during your studies and how you handled it.
7. What motivates you to perform well?
8. How do you handle stress and pressure?
9. Can you describe a time when you worked as part of a team?
10. How do you prioritize your tasks when you have multiple deadlines to meet?
11. What is your greatest professional achievement?

12. Tell me about a time you demonstrated leadership skills.

13. How do you handle constructive criticism?

14. Describe a time when you had to learn something new in a short period.

15. What are your salary expectations?

16. How do you stay updated with the latest trends and technologies in your field?

17. Why should we hire you over other candidates?

18. What do you know about our company?

19. Describe a time when you had a conflict with a colleague or classmate and how you resolved it.

20. How do you balance your personal and professional life?

21. What are your hobbies and interests outside of work?

22. Can you provide an example of a time when you went above and beyond what was expected of you?

23. What are your long-term career goals?

24. How do you handle failure or setbacks?

25. What kind of work environment do you thrive in?

26. Describe a situation where you had to take initiative.

27. What skills do you have that you believe will contribute to your success in this role?

28. How do you ensure continuous personal and professional development?

29. What are your expectations from a manager or team leader?

30. Do you have any questions for us?

31. Short-term goals.

32. Long-term goals.

33. Dream company. Why?

34. Websites, blogs, Youtube channels you follow to keep yourself updated.

Technical Questions

1. Explain the concept of OOP (Object-Oriented Programming).

2. What are the four pillars of OOP?

3. Describe the differences between a class and an object.

4. What is inheritance and how does it work?

5. Explain polymorphism with an example.
6. What is encapsulation and why is it important?
7. Define abstraction in OOP.
8. What is a data structure and why is it used?
9. Describe the various types of data structures.
10. Explain the concept of recursion and provide an example.
11. What is a database management system (DBMS)?
12. Differentiate between SQL and NoSQL databases.
13. What is normalization and why is it important in databases?
14. Explain the different types of joins in SQL.
15. What are stored procedures and how are they used?
16. Define a primary key and a foreign key.
17. What is indexing in databases and how does it improve performance?
18. Explain the software development life cycle (SDLC).
19. What are the different software development models?

20. Describe the Agile methodology.
21. What is a programming paradigm? Provide examples.
22. Explain the difference between compiled and interpreted languages.
23. What is an algorithm and why is it important?
24. Describe the time complexity of an algorithm.
25. What is the difference between linear and binary search algorithms?

Practical and Applied Questions

26. Write a program to reverse a string in any programming language.
27. How would you optimize a slow SQL query?
28. Explain the concept of MVC architecture.
29. What are the main features of Java?
30. Describe a recent project you worked on and the technologies you used.