QUESTION BANK

1. What is analytics, and how is it transforming the business world today?
2. How do businesses use analytics to improve decision-making processes?
3. What are the key differences between structured and unstructured data?
4. Why has business analytics become essential in industries such as retail, finance, and healthcare?
5. How has the evolution of analytics impacted the way companies approach problem-solving today?
6. Explain the role of predictive analytics in business and how it can help organizations forecast trends.
7. How does big data analytics differ from traditional data analysis?
8. What role does analytics play in making businesses more competitive?
9. How are companies using analytics to improve customer experience and retention?
10. In what ways is analytics making the world smarter and more efficient?
11. What are the ethical considerations when using analytics in business decision-making?
12. How does business analytics help convert raw data into actionable insights?
13. What is the role of a Predictive Analytics Modeler in transforming business processes?
14. How can analytics be used to reduce crime rates and improve public safety?
15. Explain the application of analytics in insurance companies to optimize risk assessment.
16. What are the benefits of using analytics in law enforcement?
17. How can predictive analytics impact the future of education?
18. How does analytics help retail companies optimize supply chain management and inventory control?
19. How can big data analytics enhance the capabilities of a Data Warehouse Developer?
20. What is the future of business analytics, and how might it evolve in the next decade?
21. What is Business Intelligence?
22. What is the main difference between Data Analysis and Data Analytics.
23. Write down any four examples of Data Analytics.
24. What is OLTP.
25 Write different tools use for Data Analytics.
26. What is IBM Cognos Analytics, and what role does it play in reporting?
27. Describe the layout and key components of the IBM Cognos Analytics environment.
28. How can you explore and utilize the side panel in IBM Cognos to improve report development?
29. What are Analytics? Explain various types of Analytics in detail.

30. Explain advantages and disadvantages of Business Intelligence.
31. How Business Analytics can help turn data into insight?
32. Explain how analytics can help to manage assets.
33. What are authoring templates, and how are they used in report creation in Cognos?
34. How do you create a list report in IBM Cognos Analytics?
35. What are some best practices for grouping data in a list report?
36. How do you apply formatting to list columns to enhance report readability?
37. How can list headers and footers be customized in IBM Cognos Analytics?
38.Write the steps to create a list type report for showing data in tabular form (combination of rows and columns). Prepare a report of a company having branches in different countries.
39. What is Big Data and explain its types in details with examples.
40. Explain the latest trends in Business Intelligence? Write where the future of analytics lies and transform the world.
41. What are advanced detail filters, and how do they help in refining report data?
42. How do crosstab reports differ from list reports, and when should you use them in IBM Cognos Analytics?
43. Explain how analytics is transforming different sectors.
44. Write down the steps to create a List on IBM Cognos using personal data.
45. Write down the steps to add run-time information to the report.
46. What are dashboards? Differentiate between tabbed and infographic dashboards in IBM Cognos.
47.Explain the difference between list and crosstab with an example.
48.Explain how analytics can help in understanding consumer/customer behavior.
49.List down the advantages of Business Intelligence.

50. How do you extend reports using calculations to derive additional information from the data source?
51. What are the steps to add run-time information to a report in IBM Cognos Analytics?
52. How do Date/Time functions enhance the analysis of temporal data in reports?
53. In what situations would you use string functions in a report, and how can they improve data manipulation?
54. What are the primary components of information integration in a data warehouse?
55. What challenges can arise when integrating data from multiple sources in a report?
56. How does the data workflow affect report generation and performance?

57. How do you create a basic chart report in IBM Cognos, and what types of charts can you use?

58. What are peer and nested items in charts, and how do they enhance data representation?

59. How can you create and reuse custom chart palettes in Cognos Analytics?

60. What are data-driven baselines and markers, and how do they improve chart analysis?

61. What are the differences between parameters and prompts in IBM Cognos reports?

62. How do you create a parameter item in a report, and how does it affect report functionality?

63. What is the process for building a prompt page to allow users to input values dynamically?

64. How can prompts be used to filter or focus data in a report?

65. What report design techniques can be used to enhance the layout and usability of a report?

66. How do you organize report objects using tables to improve structure and readability?

67. What is the benefit of breaking a report into sections, and how does it affect report flow?

68. How do you convert a list report into a crosstab in IBM Cognos Analytics?

69. What are the advantages of reusing objects within the same report, and how can it improve efficiency?

70. What key planning considerations should be taken into account when developing reports in Cognos Analytics?

71. How does the "big picture" approach help in summarizing data insights effectively?

72. What strategies can be used to ensure success when developing data-driven reports?

73. How can conditional formatting be used to change the display of data based on specific conditions?

74. What are the three key steps to apply conditional formatting in a Cognos report?

75. How do you create a variable to use in conditional formatting?

76. How do you assign a variable to a report object in IBM Cognos Analytics?

77. How can you apply specific formatting to an object based on the value of a condition?

78. How do you set up drill-through access in a report, allowing users to navigate to related data?

79. What are the steps to configure a package-based drill-through definition, and how do you limit the items users can drill through?