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5*01CAP20-A1
B.A. & B.Com. Degree (CBCS) Examinations, September 2023
(Examination at the end of Fifth Semester)

Big Data Analytics using R
Part-II: Computer Applications
(Regulation 2020-21)

Time : 3 Hours

Maximum Marks : 75

SECTION-A

Write Short Answers for any FIVE of the following Questions. Each answer carries 5 Marks. (5×5=25)

1. What is big data? Why to use big data?
2. Explain evaluation of big data.
3. Explain importance of big data analytics.
4. Explain challenges facing big data.
5. Explain data types in R.
6. Write about variables and functions in R.
7. Explain reading from .CSV files.
8. Explain external data in R.

SECTION - B

Answer ALL questions. Each Answer carries 10 marks. (5×10=50)

9. a) Explain the five V's of Big Data. (OR)
b) What is data? Explain Classification of Digital Data.
10. a) Explain the Classification of analytics. (OR)
b) Explain technologies needed to meet challenges of big data.
11. a) Explain the concept of Vectors declaration expressions on vectors. (OR)
b) Explain about R control structures and Arrays.
12. a) Explain the R functions in data frames. (OR)
b) Explain Sub setting data frames.
13. a) Explain data visualization in R with different types. (OR)
b) Explain the working with R-charts and Graphs.

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