



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

	InSem Examination-IWinter 2023		
	Exam Seat No.:		
	Academic Year:2023-2024	Semester:III	
	Name of Programme:MCA	Pattern:2022	
	Name of Course:Elective II:C: Industry Elective	Course Code:MCA223004C	
	Max. Marks:30	Duration:1	

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains __2__ page(s).
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question

Question No. 1 Attempt following Question

a) Explain Data analytics approaches with examples. (8) CO1

OR

b) Explain the Life Cycle of Data Analytics. (8) CO1

c) Explain how to handle categorical data with any 2 examples. (7) CO1

OR

d) Explain following terms with examples:

i)Data Format ii) Data Normalization (7) CO1

iii) Data Quality

Question No. 2 Attempt following Question

- a) Illustrate Data Manipulation with following points
- | | | | |
|---------------------------------|-------------------------------------|-----|-----|
| i) Description | ii) Objectives of Data Manipulation | (8) | CO2 |
| iii) Steps in data manipulation | iv) Need of data manipulation | | |

OR

- b) Illustrate following terms in detail with respect to data analytics
- | | | | |
|---------------------|--------------------|-----|-----|
| i) Data Slicing | ii) Data Ordering | (8) | CO2 |
| iii) Data Labelling | iv) Data Filtering | | |

- c) Illustrate following terms with respect to Data Mapping
- | | | | |
|----------------|-------------------------------|-----|-----|
| i) Description | ii) Steps of Data Mapping | (7) | CO2 |
| iii) Tools | iv) Necessity of data mapping | | |

OR

- d) Show the working of Data Removing and Data Adding with appropriate examples in data analytics.
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| | | (7) | CO2 |
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