

SVKM's
Dwarkadas J. Sanghvi College of Engineering
Acad .Year 2022-2023
YEAR III / Semester VI

Program: B.Tech in Computer Engineering
Subject/Course: Business Analytics
Date: 31.05.2023

Max. Marks: 75
Time: 09:00-12:00
Duration: 03:00 Hrs

FINAL EXAMINATION

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__ pages.
- (2) **All Questions are Compulsory.**
- (3) All questions carry equal marks.
- (4) **Answer to each new question is to be started on a fresh page.**
- (5) **Figures in the brackets on the right indicate full marks.**
- (6) **Assume suitable data wherever required, but justify it.**
- (7) **Draw the neat labelled diagrams, wherever necessary.**

Question No.		Max. Marks
Q1 (a)	Explain the following functions in SAS (Any 4) a) COMPBL b) COMPRESS c) STRIP d) INTCK e) INTNX	[08]
Q1 (b)	Explain the following with relevant code snippets/examples. a) PROC SORT b) PROC IMPORT OR Explain in detail the various summary statistical reports in SAS.	[07]
Q2 (a)	With Business Analytics tool SAS analyze, visualize and report soccer data and strategies on a soccer pitch. Assume appropriate relevant input data. OR Perform descriptive analytics with data visualization techniques like tables, graphs over student's performance. Assume appropriate relevant input data.	[10]
Q2 (b)	With a use case differentiate between Predictive Analytics and Prescriptive Analytics.	[05]

Q3 (a)	Explain Calculated items with relevant examples.	[05]
Q3 (b)	<p>Analyse loan data and discuss the visual analytics tools assisting in decision-making for loan approval. Assume appropriate relevant input data.</p> <p style="text-align: center;">OR</p> <p>Using SAS, perform comparative analysis between fast food chain restaurants. Analyse the nutrition values of items provided by McDonalds and Burger King. Assume appropriate relevant input data.</p>	[10]
Q4	<p>Explain in detail data manipulation techniques in SAS with code snippets(ANY 5)</p> <ul style="list-style-type: none"> a) KEEP b) LENGTH c) WHERE d) SET e) FORMAT f) DATE functions in SAS 	[15]
Q5 (a)	<p>Explain the purpose of following panes available in SAS Visual Analytics Report Builder.</p> <ul style="list-style-type: none"> a) Suggest Pane b) Roles Pane c) Action Pane d) Rules Pane 	[10]
Q5 (b)	<p>Explain filters in SAS with relevant examples. Which filters can be edited with the Report Viewer?</p> <p style="text-align: center;">OR</p> <p>Explain DISPLAY RULES in SAS Visual Analytics with examples.</p>	[05]

All the Best!