



**NAVRACHANA  
UNIVERSITY**

a UGC recognized University

**School:** School of Science  
**Program:** BMS  
**Year:** 3<sup>rd</sup> **Semester:** 5<sup>th</sup>  
**Examination:** End Semester Examination  
**Examination year:** December - 2022

**Course Code:** BM306 **Course Name:** IT and Biomedicine  
**Date:** 8-Dec-2022  
**Time:** 2:30 pm to 4:30 pm

**Total Marks:** 40  
**Total Pages:** 1

**Instructions:**

→ Write each answer on a new page.

	<b>Attempt any Five [5 X 8]</b>	<b>Marks</b>	<b>COs*</b>	<b>BTL#</b>
Q.1	Explain the concept of Neural Network.	[8]	CO3, CO4	1,2
Q.2	Write a python code to accept a number from the user and display the message whether entered number is prime or not.	[8]	CO1, CO2	2,6
Q.3	Explain the Fuzzyfication and Defuzzyfication process with example.	[8]	CO3, CO4	1,2,3
Q.4	Write a short note on File Handling concept.	[8]	CO1, CO2	1,2,3
Q.5	Explain various types of error which you have encountered while programming.	[8]	CO1	1,2
Q.6	Explain any four in built functions to work with list with example.	[8]	CO2	1,2,6
Q.7	Explain different Looping Statements available in Python programming language.	[8]	CO2	1,2,6

\*\*\*\*\*End of Question Paper\*\*\*\*\*