NATIONAL OPEN UNIVERSITY OF NIGERIA

91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi-Abuja

FACULTY OF MANAGEMENT SCIENCES

2023_2 EXAMINATIONS—

Course Code: BUS729   **Time Allowed: 2 Hours**

Course Title: Business Mathematics

Credit Unit: 2

Instructions: 1. Indicate your Matriculation Number clearly

2. Attempt Question 1 and any other two (2) questions

3. Question 1 is compulsory and carries 30 marks while the other 2 questions carry 20marks

each   4. Present all your points in coherent and orderly manner

1.   For the table presented below prepare

(i) The frequency distribution for the class interval 11-20, 21-30, 31-40....... 7.5 Marks

(ii)   Cummulative Frequency distribution.   7.5 Marks
(iii)   Relative Frequency.   7.5 Marks
(v)   Cummulative Relative Frequency Distribution   7.5 Marks
Ages of 100 Employees

58	37	21	28	27	24	27	39	38	30
60	20	30	50	44	33	23	26	31	32
18	23	41	32	27	42	40	29	28	34
56	19	28	29	23	47	29	24	31	34
30	19	22	53	49	26	16	38	42	36
41	32	33	20	31	36	32	32	31	32
21	24	55	21	24	34	37	29	33	32
32	49	38	48	33	43	26	38	30	28
24	46	15	43	43	23	23	28	34	28