

Ahsanullah University of Science and Technology
Department of Computer Science and Engineering
4th Year 2nd Semester Quiz-4(Spring 2022)
Course No: CSE 4213 **Course Title: Pattern Recognition**

Time: 20 minutes

Full Marks: 10

ID:

Name :

1. The dataset shown in Table 1 reports the price and weight of 4 products. Show the step-by-step calculation to derive the feature vector by applying **PCA**.

[In the following table “##” means last 2 digits of your id]

Table 1

<u>Product</u>	<u>Price</u>	<u>Weight</u>
1	4	70
2	54	65
3	32	##
4	25	33

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