Assignment 4

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Abstract—**This document contains the solution for Assignment 3 (NCERT Class 9 Exercise 15.1 Q.13)**

15.1.13 [NCERT 9] : In $Q.1$, Exercise 14.2, you were asked to prepare a frequency distribution table, regarding blood groups of 30 students. Use this table to determine the probability that a student of this class, selected at random, has blood group AB.

Solution: The frequency distribution table which we obtained on solving $Q14$ of exercise 14.2 is given below:

Blood Group	Frequency
O	12
A	9
B	6
AB	3

TABLE I
FREQUENCY DISTRIBUTION

From the frequency distribution table we observe that:

 (i) No. of students with blood group AB $= 2$

(ii) Total no. of students whose blood group is recorded $= 30$

$\therefore$ Required Probability $= \dfrac{3}{30} = \dfrac{1}{10} = \boxed{0.1}$