

Instructions:

1. Write your Name and Reg. No. in **BLOCK LETTERS**.
2. Utilize the space provided after the statement of the question for your solution.
3. Use your paper space efficiently. Each square inch of the answer book adds more than 600 mg of carbon to your environment.
4. Do not use more than one ink colours. Use only blue or black fountain pen or ball point pen.
5. Drawing margins is strongly discouraged. You should be mindful of your writing area.

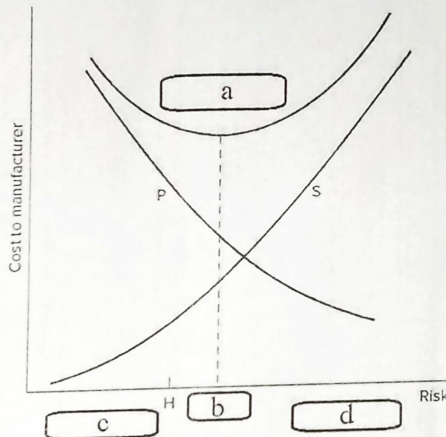
Registration No.: FA23-BCE-113

Full Name: Muhammad Ahmad

(10 Marks)

Question 1: PLO6/CLO2/C3

Predict how the primary cost P and the secondary cost S will be affected if the highest acceptable risk H is higher than the risk value labelled as 'b'?



Please write below this line

If the highest acceptable risk H is greater than the point marked 'b', it means the system allows a higher level of risk. As risk increases past 'b', Primary cost P drops since less money is spent on strict safety controls. However, secondary cost S sharply increases because higher risks lead to more incidents or damage. This change reflects a shift from prevention spending to dealing with consequences.