

Q.

1. Let \mathcal{E} be an event space on a sample space Ω . Let k, m be positive integers with $k \leq m$. Let $A_1, A_2, \dots, A_m \in \mathcal{E}$. Show that the set of points in Ω which belong to exactly k of the A_i is an element of \mathcal{E} .

Note:

- Solution should be Plag free, for checking the Plagiarism, use can use this link to check the

plag: <https://smallseotools.com/plagiarism-checker/>

- If your answer has plag then you can paraphrase it on this link <https://quillbot.com/>

- No handwritten solution will be accepted!

- Solution should be in the proper format and according to the guidelines only.

- don't write short answers!

- You have to check your assignment question and create the answer in a word file according to the format and upload your word file on google drive and submit that link in the google form (with anyone with the link option) so we can see and check your file.

- No other platforms like wondershare, one drive etc. will be considered for uploading the answer

You must use a tool, such as math type or an ink editor, in your answer.

-Short answers will be rejected directly

Format

Sub-Subject:

Topic:

Step 1:

Explanation

Step 2:

Explanation:

Final Answer: