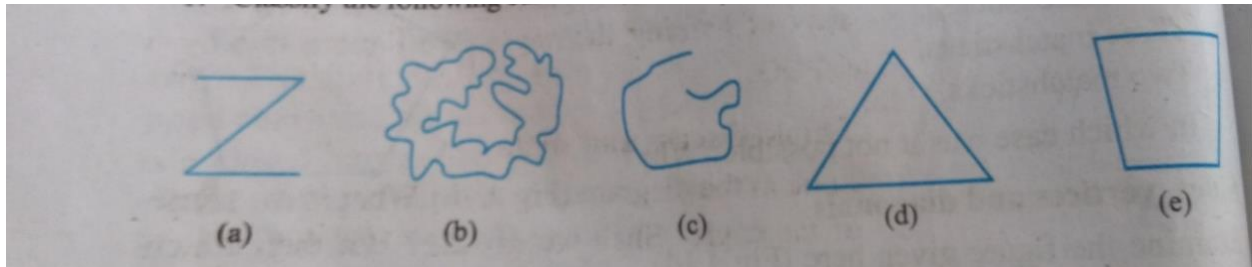


Chapter – 4

Basic geometrical ideas

Ex-4.2

Q.1 Classify the following curves as (i) open curve (ii) closed curve



Answer: (i) open curve

(ii) closed curve

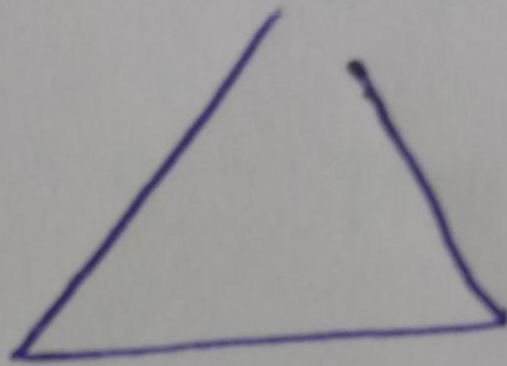
(iii) open curve

(iv) closed curve

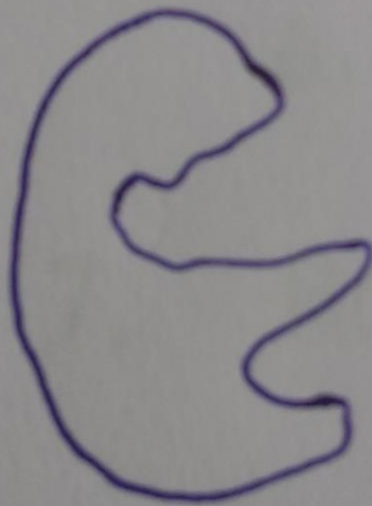
(v) closed curve

Q.2 Draw the rough diagram to illustrate the following:

(i) open curve      (ii) closed curve

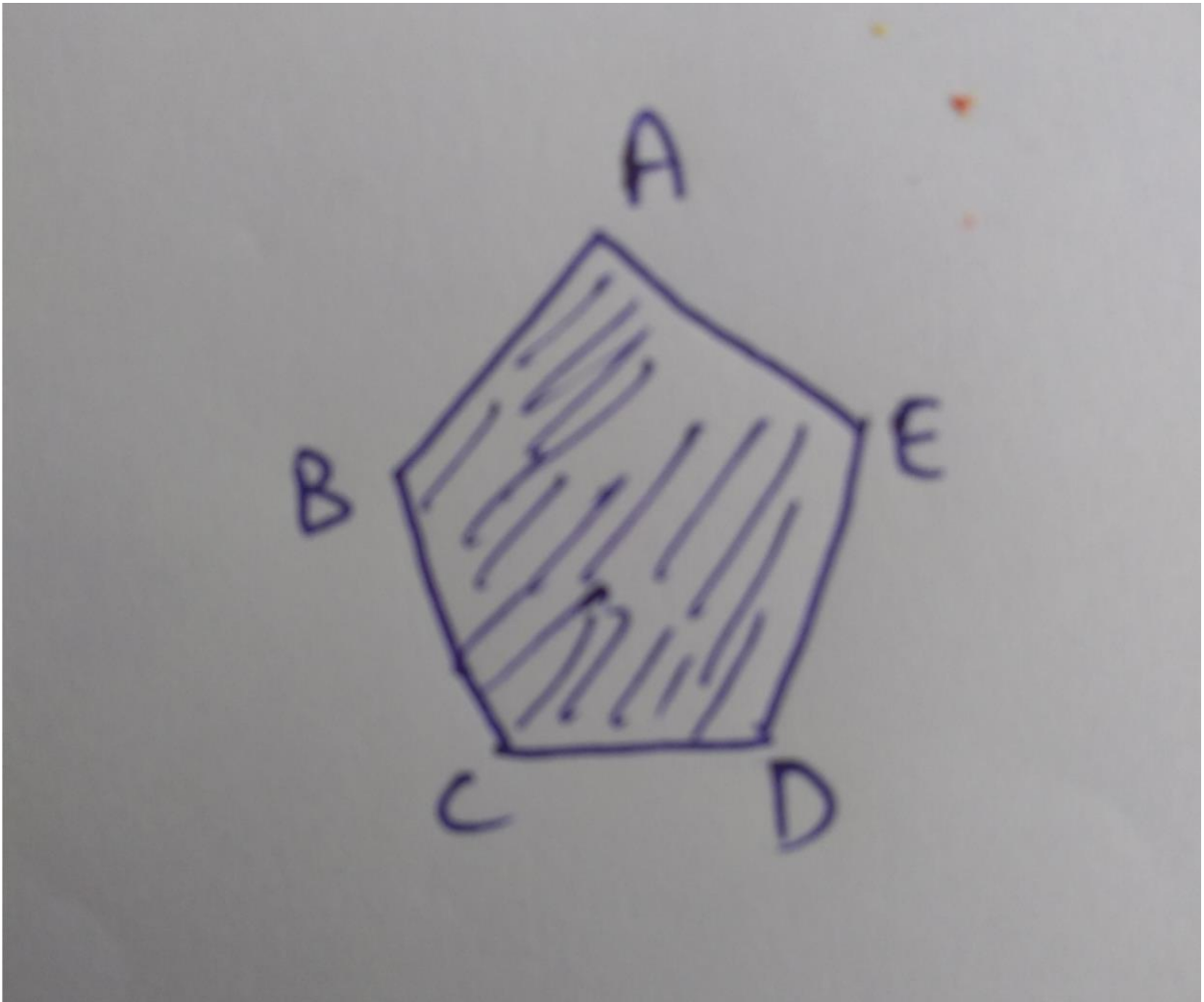


(a)

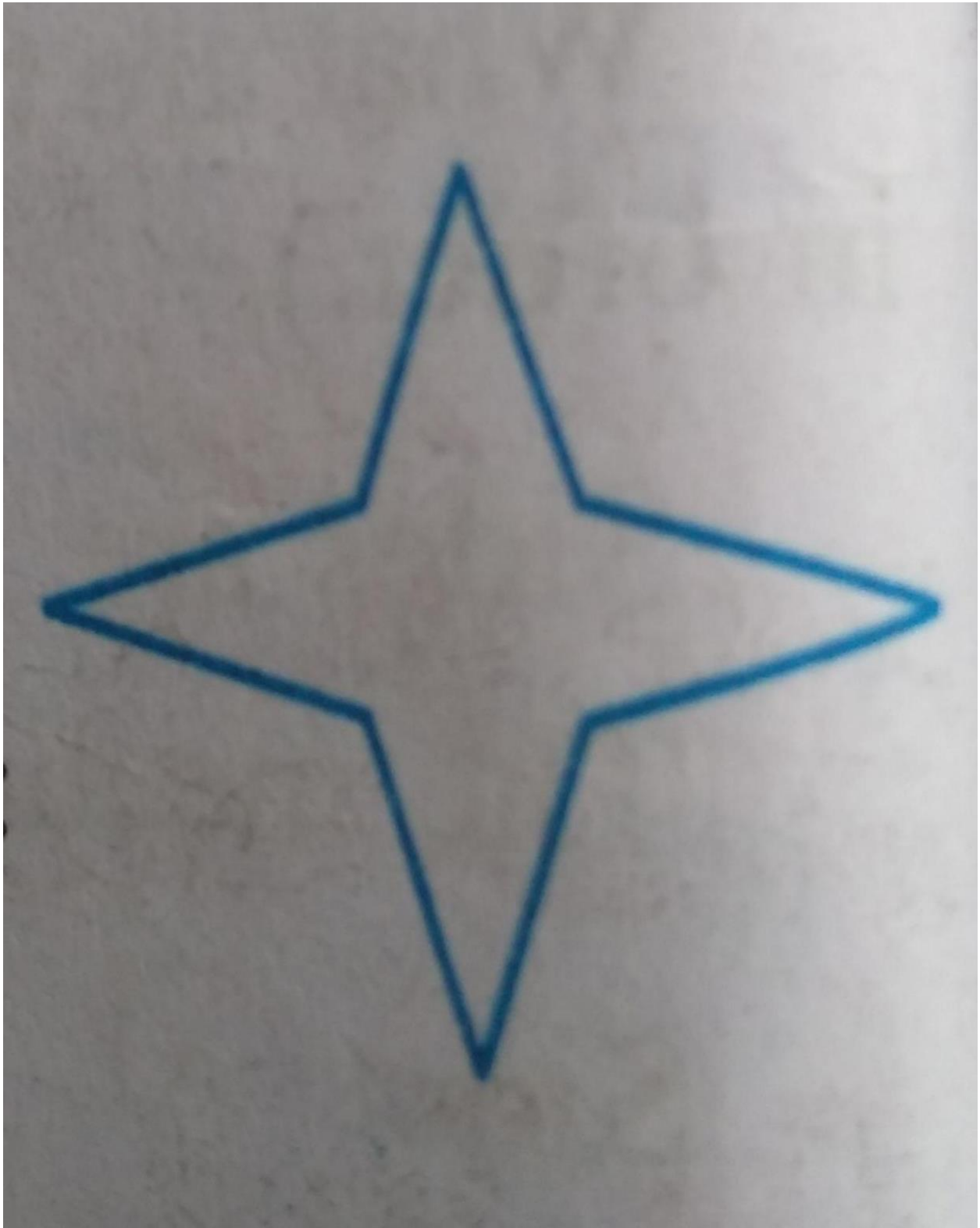


(b)

Q.3 Draw any polygon to shade its interior.



Q.4 Consider the following figure and answer the question:

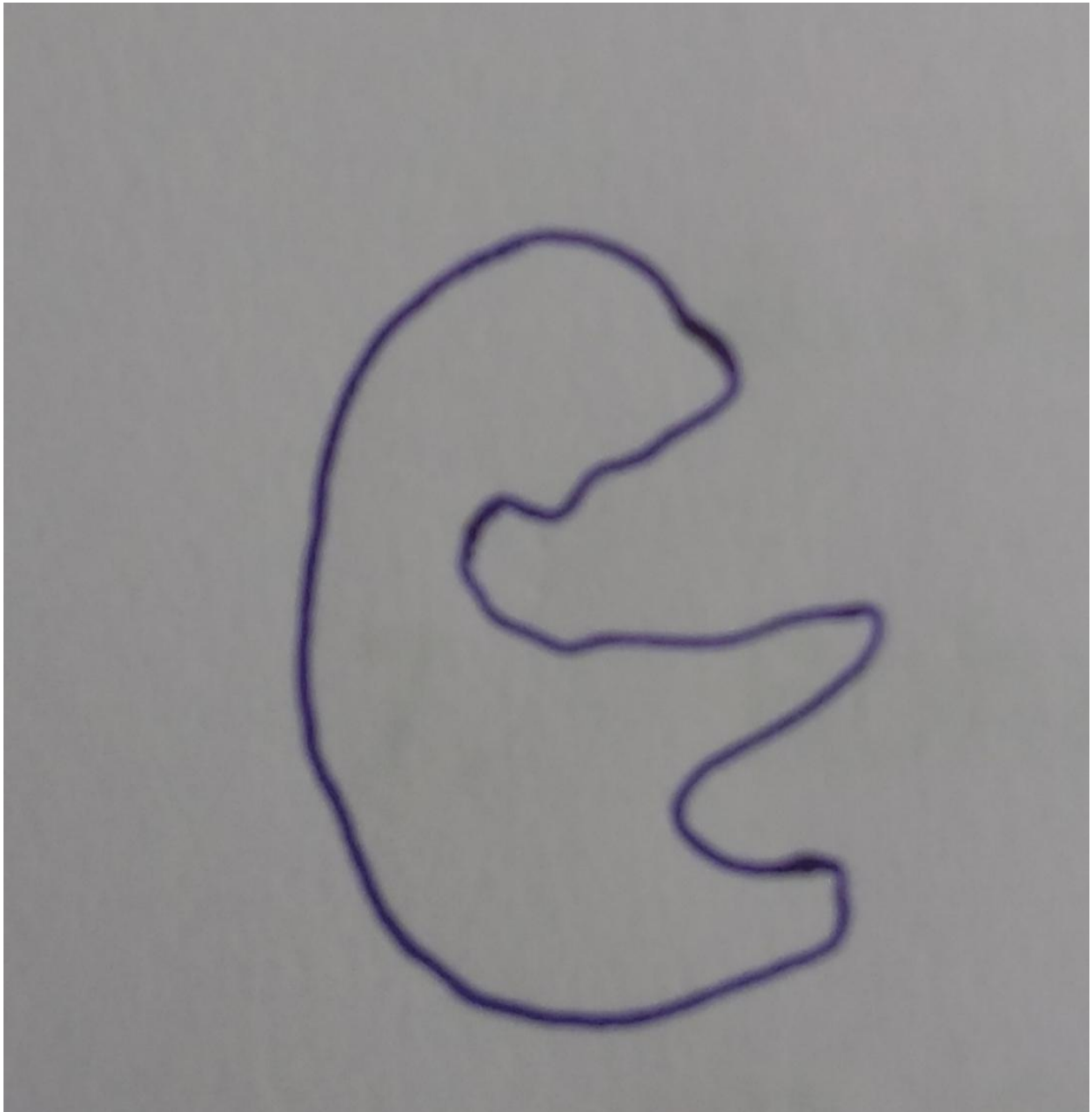


a. Is it a curve – Yes it is a curve

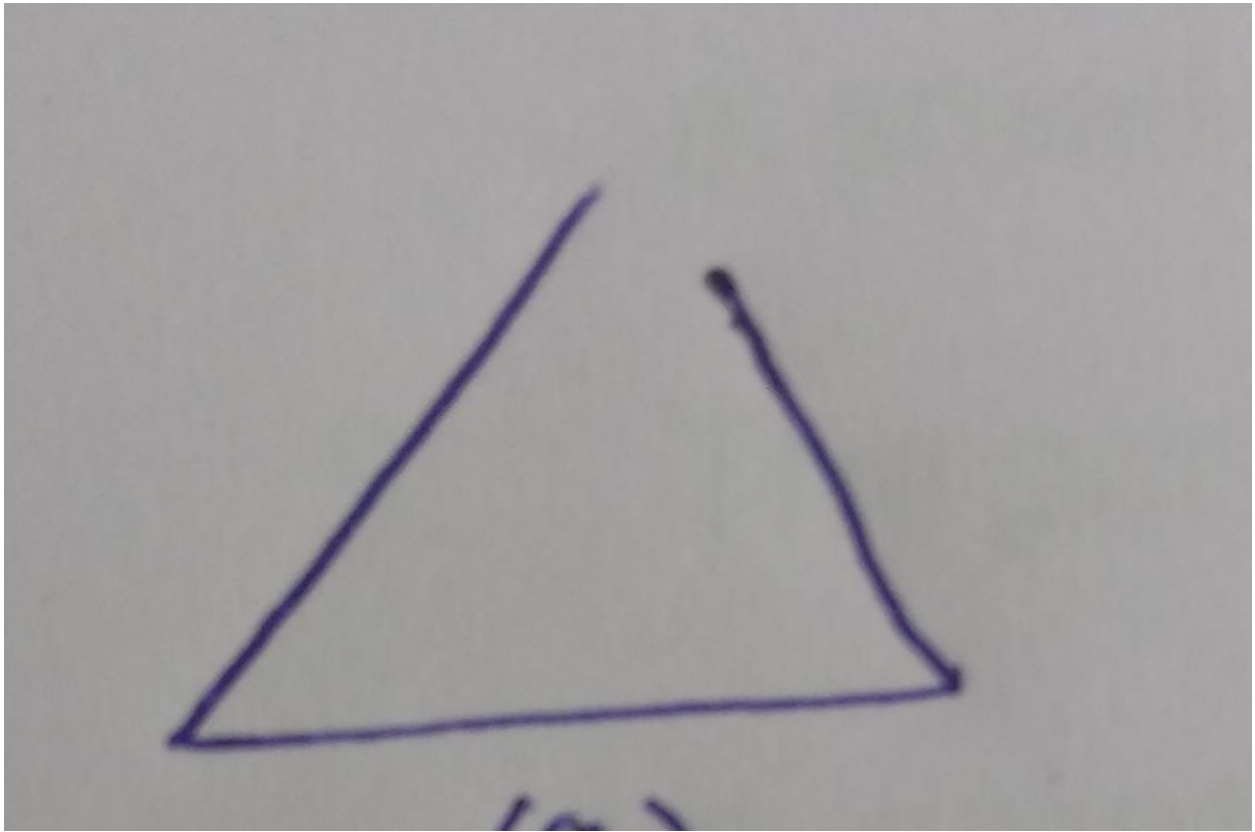
b. Is it closed? -Yes

Q.5 Illustrate ,if possible , each one of the following with a rough diagram:

(a) A closed curve that is not a polygon



B. An open curve made up entirely of line segments.



C. A polygon with two sides.

Ans. Not possible