NCERT SOLUTIONS FOR CLASS 6 MATHS BASIC GEOMETRICAL IDEAS EXERCISE 4.2
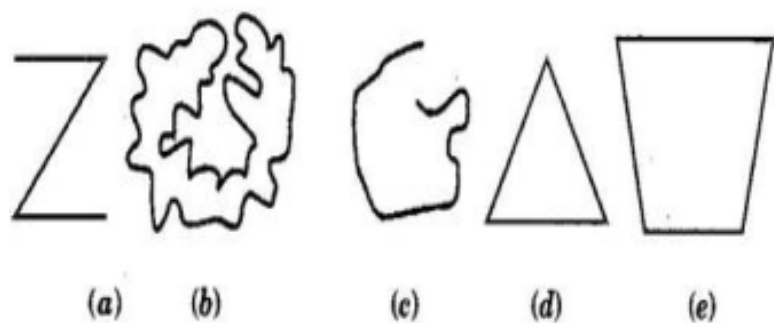
Question 1. Classify the following curves as (i) Open or (ii) Closed.

(a)   (b)   (c)   (d)   (e)

Answer: (a) Open curve
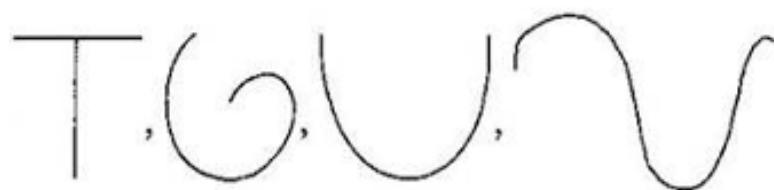
(b) Closed curve

(c) Open curve

(d) Closed curve

(e) Closed curve

Question 2. Draw rough diagrams to illustrate the following:

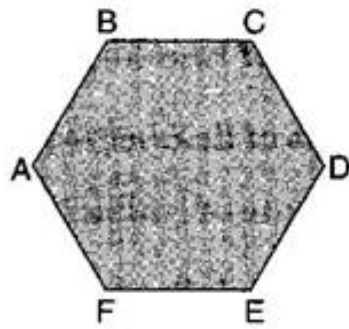(a)Open curve

(b)Closed curve

Answer: Opencurves:

Closed curves

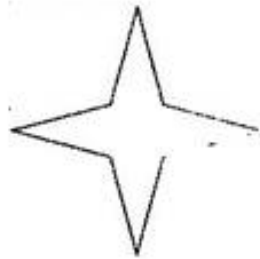**Question 3.** Draw any polygon and shade its interior.

Answer: Polygon ABCDEF

Question 4. Consider the given figure and answer the questions:

(a)Is it a curve?

(b)Is it closed?

Answer: (a) Yes, it is a curve.

(b) Yes, it is closed.

Question 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.

Answer: (a)

(b)

(c) Polygon with two sides cannot be draw.

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