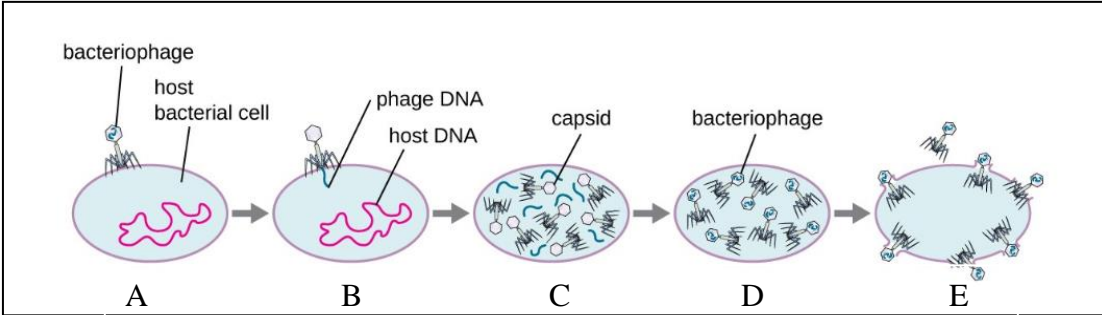


VIRUS REPRODUCTION

Match the letter in the diagram (right) with the best statement:

1. _____ Virus' nucleic acid is injected into host cell.
2. _____ The virus' nucleic acid is copied.
3. _____ The host cell explodes, releasing more viruses.
4. _____ The virus attaches itself to the host cell.
5. _____ Cell reproduces more viruses.



Viral Reproduction

Go to www.biologybynapiet.com and click on the Virus Unit, scroll down to today's date and click the button "LYTIC CYCLE" or type the following URL into the address bar:

<http://www.courses.fas.harvard.edu/~biotext/animations/lyticcycle.html> .

Briefly describe the "Lytic Cycle" from the first screen :

Play the animation and write down the 6 steps in a Lytic infection:

- 1) _____
- 2) _____
- 3) _____
- 4) _____
- 5) _____
- 6) _____

Go to www.biologybynapier.com and click on the Virus Unit, scroll down to today's date and click the button "LYSOGENIC CYCLE" or type the following URL into the address bar:

<http://www.courses.fas.harvard.edu/~biotext/animations/lysogeny.html> to watch the video.

Briefly describe the "Lysogenic Cycle" from the first screen:

Play the animation and write the 4 steps in a Lysogenic infection:

- 1) _____
- 2) _____
- 3) _____
- 4) _____

How is Lysogeny different from lytic cycle? _____

