

109. Which one of the following does not promote stability of the ecosystem?
- Balancing between production and consumption of each element in the ecosystem.
 - Balance between input and output of energy
 - Normal functioning of different biochemical cycles.
 - Increase of human population.
110. The usual source of restriction endonucleases used in gene cloning is
- Fungi
 - Bacteria
 - Plants
 - Viruses
111. What is the first thing the OSIRIS-REx spacecraft orbited?
- The Sun
 - The Earth
 - Bennu
 - The Moon
112. Consider the following statements about NASA's OSIRIS-REx
- OSIRIS-REx is a robotic spacecraft in orbit around a small asteroid named Bennu.
 - Asteroid Bennu orbits the Moon near the Earth
 - Bennu is important because there is a small chance that Bennu will hit the Earth in the late 22nd century.
- Select the correct answer from the above statements–
- Only I and II
 - Only II and III
 - Only I and III
 - All of the above
113. Which one of the following is the most common internet protocol?
- HTML
 - NetBEUI
 - TCP/IP
 - IPX/SPX
114. Consider the following statements on National Digital Communications Policy-2018-
- The new telecom policy has been formulated in place of the existing National Telecom Policy-2012.
 - It comes with a view to cater to the modern needs of the digital communications sector of India.
 - The policy aims to ensure digital sovereignty, and the objectives are to be achieved by 2022.
 - It has kept a target of providing 1 Gbps connectivity to all Gram Panchayats by 2020 and 10 Gbps by 2022.
- Select the correct answer from the above statements–
- I, II and III
 - Only II, III
 - I, III and IV
 - I, II, III and IV
115. Which of the following is used to select genes of interest from a genomic library?
- Restriction enzymes
 - Cloning vectors
 - Gene targets
 - DNA probes
116. The enzymes which are absolutely necessary for recombinant DNA technology are
- Restriction endonucleases and topoisomerases
 - Endonucleases and polymerases
 - Restriction endonucleases and ligases
 - Peptidases and ligases
117. Which of the following statements could be valid with respect to the ICMP (Internet Control Message Protocol)?
- It reports all errors which occur during transmission.
 - A redirect message is used when a router notices that a packet seems to have been routed wrongly.
 - It informs routers when an incorrect path has been taken.
 - The "destination unreachable" type message is used when a router cannot locate the destination.