

IPB 2.0 PRELIMS TEST - 13 (SOLUTION)
(IPM 2021)

36. Correct Answer : C

Answer Justification :

Justification: Unicellular organisms are made up of only one cell that carries out all of the functions needed by the organism, while multicellular organisms use many different cells to function.

Unicellular organisms include bacteria, protists, and yeast. For example, a paramecium is a slipper-shaped, unicellular organism found in pond water.

All living organisms can be broadly divided into two groups — prokaryotes and eukaryotes — which are distinguished by the relative complexity of their cells. In contrast to prokaryotic cells, eukaryotic cells are highly organized. **Bacteria and archaea are prokaryotes, while all other living organisms — protists, plants, animals and fungi — are eukaryotes.**

A prokaryote is a unicellular organism that lacks a membrane-bound nucleus, mitochondria, or any other membrane-bound organelle. Prokaryotes are divided into two domains, Archaea and Bacteria.

Q Source: Based on UPSC papers

37. Correct Answer : C

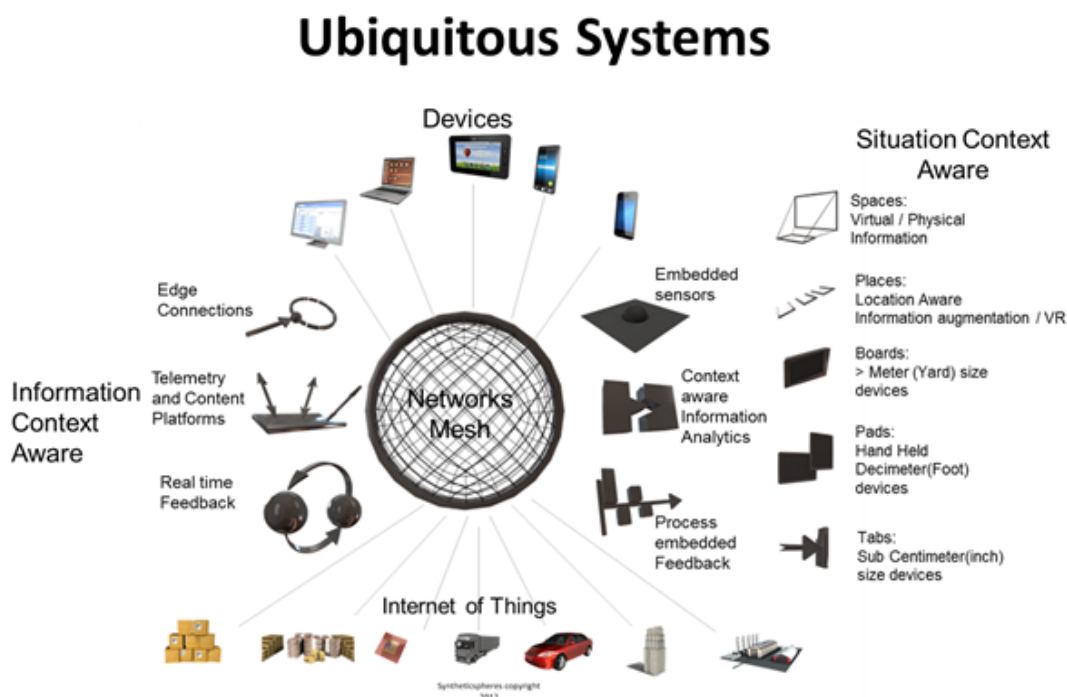
Answer Justification :

Justification: Pervasive or Ubiquitous computing is the growing trend towards embedding microprocessors in everyday objects so they can communicate information.

The words pervasive and ubiquitous mean "existing everywhere." Pervasive computing devices are completely connected and constantly available.

Pervasive computing relies on the convergence of wireless technologies, advanced electronics and the Internet.

Refer to the image below:



Q Source: <http://deity.gov.in/content/ubiquitous-computing>

38. Correct Answer : D

Answer Justification :

Justification: Painki or Paika is Nagpuri ceremonial martial dance. It is performed by men of Bihar/Jharkhand. Men wear ghungroo, dance holding sword and shield.

Music instruments used are Nagara, Dhak, and Shehnai.

Both chhau and paika can be performed to entertain guests, but Chhau uses Dhumra instrument (a variant of nagara), and not nagara drums.

Q Source: Spectrum: Facets of Indian Culture