Item Bank ID 414463 **Item Bank Name** SPPU Pune//.../Ubiquitous Computing

Item Text	Option Text 1	Option Text 2	Option Text 3	Option Text 4
An extended model of ubiquitous system systems to work in which of the following environments?	Human centred, personal social and economic environments.	Physical environments of living things and inanimate physical phenomena.	Both 1 &2	None of these
The action performed by the user without any intention to interact with a computer system but the system considers it as input is known as:	iHCI	eHCI	Distributed HCI	HCI
Which of the following technologies possesses the integration of real world data and the data generated by computing systems.	Virtual Reality	Internet of Things	Artifical Intelligence	Augmented Reality
Which of the following is not involved in working of IoT?	RFID	Sensors	Nano Tech	RFID
In smart device form factors, application of which of the following, where paint used to sense vibration.	Smart dust	Smart Clay	Smart Skins	None of the above
Which system controller with control action the output of the controller depends on the rate of change of the e(t)	Derivative Systems	Integral Systems	Proportional Systems	None of the above
The transmission medium that consists of strands of clear glass fibre, each of the thickness of a human hair, which are bound into cables, is:	Fiber Optics	Twisted wire and coaxial cable.	Microwave and radio frequencies.	None of the above.
The TCP/IP layer that is responsible for providing the communication and packet services is the:	Application Layer	Transport Layer	Network Layer	Data Link Layer

Question				
How many basic types of chips available on RFID tags.	Two	Three	Five	Seven
Change in output of sensor with change in input is known as	Threshold	Slew rate	Sensitivity	None of the mentioned
For real time operating systems, interrupt latency should be:	Minimal	Maximum	Zero	Dependent on scheduling
A computer expert produces an solution with HCI which is very efficient in computer resources, based on command-lines. Which one of the following is most likely to be the result when the system is implemented?	It will be welcomed by all staff	All staff will enjoy using it after mastering the skills of command lines	Most staff will want to become computer experts to use it.	Most staff will feel demoralised and will not want to use the system
An expert system differs from a database program in that only an expert system	Contains declarative knowledge	Contains procedural knowledge	Features the retrieval of stored information	Expects users to draw their own conclusions
The output of a feedback control system must be a function of	reference and input	input and feedback signal	reference and output	output and feedback signal
When the output takes place near the input object, To the focus the input the output is tightly coupled e.g. Steering wheel of vehicle, a light pen etc.	Nearby embodiment	Full embodiment	Environmental embodiment	Distant embodiment
In Cyborg2, Electrode array surgically implanted into Warwick's left arm and interlinked into median nerve fibres is being monitored is an example of	Wearable	Implants	Accompanied	None of above
Personalized mobile device, smart cards, smart keys comes under which category in post human technology models.	Wearable	Implants	Accompanied	None of above

In which internface the intent is to convey meaningful information about interacting with the environment.	Multimodal Interfaces	Gesture Interfaces	Reflective Interfaces	Active Interfaces
Which of the following are based on technology that reflects ambient light rather than emitting it.	Reflective	Active	Passive	All of above
By which of the following the control action is determined when a man walks along a path ?	Brain	Eyes	Legs	Hands