

Item Text	Option Text 1	Option Text 2	Option Text 3	Option Text 4
Bulk heterojunction contain how many layers?	blend of donor and acceptor	three layers	n-n heterojunction	four layers
What is mean by epitaxial growth	layer by layer growth	at two time growth	after some time growth	at a time growth
Laser diode also known as ?	Lidar	injection laser diode	optoisolator	photodiode
What is a polymer morphology	microscale property	chemical property	physical property	biological property
Organic solar cell are ?	cost effective	expensive	difficult to prepare	not applicable
From below which is not a type of junction	straddling	electron affinity	straggered	broken type
What is full form of ITO?	Indium tin oxide	Indian trade organization	technology outsourcing	titanium dioxide
How many layers contain in discrete heterojunction?	4 layers	3 layers	2 layers	many layers
which reagent used in pickering emulsion?	silica particle	silver particle	janus particle	gold particle
Which metal oxide use in filling of Multi walled carbon nanotubes?	silicon dioxide	lead oxide and bismuth oxide	magnesium oxide	lead oxide only
Lidar is application of what?	Transistor	Opto isolater	laser	photo integrated circuit
What is a fundamental building block of modern electronics	laser	lidar	opto isolater	transistor
The metal semiconductor junction is used for activating what?	etch	deposition	modification	impurity

Silica nanoparticle are prepared with which of the following process?	In-situ polymerization	Ex-situ polymerization	ball milling	stober
Which treatment removes the residual naked metal oxide particle?	base refluxing	acid refluxing	acid-base refluxing	direct heating
Bilayer organic solar cell structure also known as?	Discrete heterostructure	planar donor-acceptor heterostructure	bulk heterostructure	bulk heterojunction
What the junction is called if both p-type and n-type regions are of same semiconductor material	polyjunction	homojunction	heterojunction	heterostructure
What is role of hexanol in Bismuth oxy iodide-titanium dioxide synthesis?	surfactant	oil phase	reagent	cosurfactant
What is full form of Laser ?	Liquid amplification by stimulated emission of radiation	Light amplification by stimulated emission of radiation	Light amplitude by stimulated emission of radiation	Liquid amplitude by stimulated emission of radiation
How many terminales transistor contians?	6	3	2	More than 3
Which is surface engineering process?	transistor	Lidar	Laser peening	Laser pointer