16. A reverse-biased PN junctions has

A. A net electron current
B. A net hole current
C. A very narrow depletion layer
D. Almost zero current

✓ View Answer

D.Almost zero current

✍ Your Comments

17. The depletion layer of a PN junction diode has

A. Only free mobile holes
B. Only free mobile electrons
C. Both free mobile holes as well as electrons
D. Neither free mobile electrons nor holes

✓ View Answer

D.Neither free mobile electrons nor holes

✍ Your Comments

18. The depletion region of a PN junction is one that is depleted of

A. Immobile charges
B. Mobile charges
C. Atoms
D. None of the above

✓ View Answer

B.Mobile charges

Your Comments

19. The potential barrier existing across a PN junction corresponds to

A. Width of the barrier
B. Reverse bias of the junction
C. Forward bias of the junction
D. Height of the barrier

✓ View Answer

D.Height of the barrier

Your Comments

20. Mobile electrons of P-side of the PN junction diode constitute

A. Minority current carriers
B. Majority current carriers
C. Depending upon voltage they may be either majority or minority current carriers
D. None of the above

✓ View Answer

A.Minority current carriers