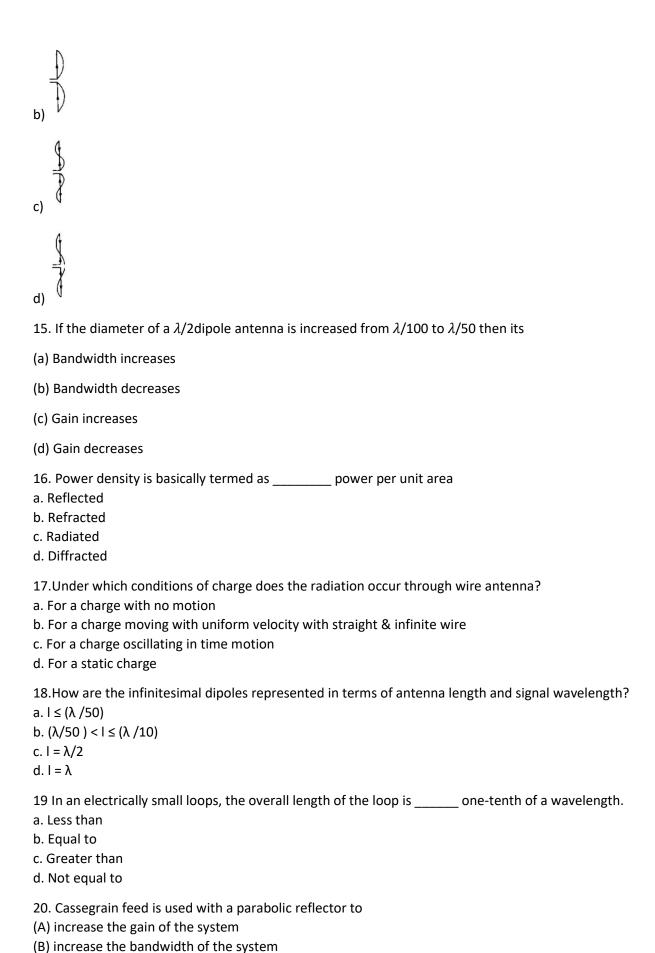
1.Binomial filter is also called
a. Maximally flat filter
b. Equiripple filter
c. Flat pass band filter
d. Flat stop band filter
2. End fire antenna having direction of maxima along
a. Array axis
b. Perpendicular to axis
c. 45 degree
d. 90 degree
3. When the radiation resistance of the antenna matches the characteristic impedance of the transmission line?
a) No transmission occurs b) No reception occurs c) SWR is maximum d) SWR is minimum
4. The radiation pattern of a half-wave dipole has the shape of aa) Doughnutb) Spherec) Hemisphered) Circular
 5. What is the beam width for a half wave dipole antenna? a) 90° b) 180° c) 50° d) 250°
6. What does the beam width of an antenna tell us?a) Signal strengthb) Signal powerc) Directivityd) Degradation
7. What is the polarization of helical antenna in axial mode?a) Linearly Polarizedb) Elliptical polarizedc) Circularly polarizedd) LHCP
8. What is the radiation resistance of the folded dipole antenna? a) 50Ω b) 100Ω

c) 300Ω d) 20Ω
9. Radiation resistance is defined as
a) Physical resistance
b) Virtual resistance
c) Wire resistance
d) Input resistance
10. In a Yagi Uda antenna, the conductors that are not connected to the transmission line is called as?a) Driven elementb) Parasitic elementsc) Extra elementsd) Array elements
11.Half power point is defined as
a)3 dB point
b)5 dB point
c)10 dB point
d)2 dB point
12. Radiation Fields of Infinitesimal Dipole following electric and magnetic field component will be non-zero
a)Eφ=Hr=Hθ≠0
b)Eθ=Hφ≠0
c)Eφ=Hθ≠0
d)Eφ=Hr≠0
13. Find the radiation resistance of an infinitesimal dipole whose overall length is $\lambda/50$
a)31.6 ohm
b)3.16 ohm
c)316 ohm
d)0.316 ohm
14. Which is current distribution for $\lambda/2$ dipole antenna from following
a)



(C) reduce the size of the main reflector(D) allow the feed to be placed at a convenient point
21.Directivity of antenna having beam area 2π a) 2
b) 1
c) 2.5
d)1.5
22. Radiation Pattern is defined as
a) Distribution of radiation intensity with spherical coordinate
b) Distribution of poynting vector with spherical coordinate
c) Beam area
d) power radiated
23.Cutoff frequency is sharply defined in
a) Binomial filter
b) Chebyscheff filter
c) Equiripple filter
d) composite filter
24.Composite filter consist of
a) Constant-k
b) M-derived section
c) terminating half section
d) All
25. Filter is defined asa) Frequency selective circuitb) Amplitude selective circuitc) Frequency damping circuitd) Amplitude damping circuit
26. Notch filter is also called
a) Band pass filter
b) Band Reject filter
c) Low pass filter
d) High pass filter
27.for what frequency Microstrip patch antenna is used

a) Microwave frequency
b) VHF frequency
d) MF
d) HF
28.One steradian is equal to
a) 360 Square degree
b) 180 Square Degree
c) 3283 Square Degree
d) 41253 Square degree
29. When pitch angle of helical antenna is zero then helix become a
a) Loop antenna
b) Dipole antenna
c) Folded dipole
d) Linear wire
30.Characterstics of resistor in radio frequency is
a) Frequency dependent
b) Frequency independent
c) Constant
d) Linear