1. Which part of database that holds only one type of information?

a)Report b)Fold c)Round d)File

Answer: b) Field

1. When was the DVD introduced?

a)1970 b)1990 c)2000 d)1995

Answer: d)1995

1. How many cells can be found in a frequency reuse pattern?

a)7 b)3 c)5 d)1

Answer: a)7

1. Which consists of two plates separated by a dielectric and can store a charge?

a)Inductor b)Capacitor c)Transistor d)Relay

Answer: b)Capacitor

1. Blue is what number on the resistor color code?

a)1 b)2 c)4 d)6

Answer: d)6

1. What is the difference between the internet and a intranet?

a)one is public, the other is private.

b)one is safer than the other.

c)one can be monitored, the other can’t.

d)none of the above.

Answer: a) one is public, the other is private.

1. Another word for graphics for a word processor?

a)peripheral b)highlight c)clipart d)execute

Answer: c)clipart

1. Which city is called the silicon city of India?

a)Hyderabad b)Delhi c)Chennai d) Bangalore

Answer: d) Bangalore

1. In a three phase system, the voltages are separated by,

a)45 degree b)90 degree c)120 degree d)180 degree

Answer: c)120 degree

1. The velocity of electromagnetic wave in a good conductor is,

a)3\*10^8 m/s b)very low c)more than 3\*10^8 m/s d)high

Answer: b)very low

1. The function of an AM detector circuit is to,

a)rectify the input signal.

b)discard the carrier.

c)provide audio signal.

d)all of the above.

Answer: d)all of the above.

1. A trimmer is basically a,

a)insulator b)inductor c)capacitor d)variable resistor

Answer: c) capacitor

1. Henry is equivalent to

a)volts/ampere b)weber/volt c)weber/ampere d)weber/ampere^2

Answer: c)weber/ampere

1. For attenuation of high frequencies we should use,

a)shunt capacitance b)series capacitance c)inductance d)resistance

Answer: a) shunt capacitance

1. A woofer should be fed from the input through a,

a)low pass filter b)high pass filter c) band pass filter d) band stop filter

Answer: a) low pass filter

1. Assertion(A): Atomic number of sodium is 11.

Reason(R): Sodium has a body centered cubic lattice

a)both A and R are true, R is correct explanation of A.

b)Both A and R are true, R is not correct explanation of A.

c)A is true but R is false.

d)A is false but R is true.

Answer: b) Both A and R are true, R is not correct explanation of A.

1. If a system is to follow arbitrary inputs accurately the bandwidth should be,

a)very small

b)small

c)large

d)neither small nor large.

Answer: c) large

1. In case of synchro error detection the electrical zero position of control transformer is obtained when angular displacement between the rotors is,

a)0 b)45 degree c)180 degree d)90 degree

Answer: d) 90 degree

1. The resolution of a wire wound potentiometer is about,

a)0.001% b)0.1% c)1% d)5%

Answer: b)0.1%

1. Which control action is also called rate control?

a)proportional b)derivative c)integral d)proportional plus integral.

Answer: b) derivative

1. A heterodyne frequency changer is called a ,

a)modulation b)mixer c)demodulator d)frequency translator

Answer: b) mixer

1. Standard AM ratio broadcasts are confined to,

a)MF b)HF c) VHF d) UHF

Answer: a)MF

1. The number of gates in an SCR is,

a)3 b)4 c)1 d)6

Answer: c)1

1. The waveshape of output voltage of half bridged inverter is,

a)sinusoidal b)square c) triangular d)either (a) or (b)

Answer: b) square

1. In a single phase semi-converter the number of thyristors is,

a)10 b)8 c)4 d)2

Answer : d)2