

Examrace

Multiple Choice Questions for Electronics Engineering Part 1

Glide to success with Doorsteptutor material for competitive exams : [get questions, notes, tests, video lectures and more](#)- for all subjects of your exam.

Q. 1 Just as a voltage amplifier signal voltage a power amplifier.

1. amplifier power
2. amplifier signal
3. converts the signal ac power into DC power
4. converts a dc power into useful AC power

Answer: 4

Q. 2 Cross over distortion in class - B push-p amplifiers:

1. Is due to transistor operating near saturation region
2. Can be eliminated by operating them in class operation
3. Occurs because two power transistors do not exactly matching parameters
4. Always occurs in low signal are

Answer: 2,4

Q. 3 If the load p. f. is 0.866, then the average p. f. the v-bank is

1. 0.886
2. 0.75
3. 0.51
4. 0.65

Answer: 2

Q. 4 AT-T connection has higher ratio of utilization than a V – V connection only when

1. Identical transformers are used
2. Load power factor is leading
3. Load power factor is unity
4. Non-identical transformers are used

Answer: 4

Q. 5 A commercial power supply has a voltage regulation of:

1. 1 %
2. 5 %
3. 20 %
4. 50 %

Answer: 1

Q. 6 Which stage is of a d. c. power supply uses zener diode

1. Rectifier
2. Voltage divider
3. Filter
4. Regulator

Answer: 4

Q. 7 Which rectifier requires 4 diodes?

1. half wave rectifier
2. full wave rectifier
3. bridge type rectifier
4. Voltage quadrupler

Answer: 3

Q. 8 The advantage of dynamic RAMs over static RAMs is

1. Lower power consumption
2. Higher power consumption
3. Higher packing density
4. Lower packing density

Answer: 1,3

Q. 9 The address range for M = 64 words storage in hexadecimal format is

1. 00 to 3F
2. 00 to FF
3. 0 to 3

4. 0 to F

Answer: 1

Q. 10 The 8085 is a – microprocessor

1. 4 bit
2. 8 bit
3. 16 bit
4. 32 bit

Answer: 2

Q. 11 The voltage gain of a common base amplifier depends on

1. Load resistor R_L
2. Input resistance of transistor
3. α
4. All the above

Answer: 4

Q. 12 A JFET has the disadvantage of

1. Having low input impedance
2. Having high input impedance
3. Having small gain band-width product
4. Possessing positive temperature coefficient

Answer: 3

Q. 13 A FET is preferred over an ordinary transistor because it

1. Permits high degree of isolation
2. Has low noise level
3. Has very high power gain
4. Has all the above properties

Answer: 4

Q. 14 To turn a UJT ON, the forward bias on emitter diode should be:

1. more than the peak point voltage
2. less than the peak point voltage

3. Equal to the peak point voltage

4. Equal to the stand – off voltage

Answer: 1

Q. 15 Which of the following statements is wrong for transistor biasing methods:

1. The base resistor method does not provide stabilization of operating point

2. The biasing with feedback resistor provides only some stabilization

3. Base resistor method provides better stabilization than collector feedback method

4. Voltage divider bias is widely used because it has stable operating point

Answer: 3

Q. 16 The disadvantage of voltage divider bias is that

1. It has a high stability factor

2. It has many resistors

3. It allows thermal runaway

4. It does not allow faithful amplification

Answer: 2

Q. 17 In class-A amplifies conduction extends over 360° because the operating point.

1. Located near saturation point

2. Located at or near cutoff point

3. Located on load line

4. Located in the centre of load line

Answer: 4

Q. 18 The capacitance of reverse biased P-N junction

1. Decreases with increasing the reverse bias

2. Increases with increasing the reverse bias

3. Depends only on reverse saturation current

4. Makes the P-N junction more effective at high frequencies

Answer: 1

