

GOVT DEGREE COLLEGE, PORUMAMILLA, KADAPA DT

Y.V.UNIVERSITY, KADAPA- DEPT.OF.PHYSICS-

Applications of Electricity & Electronics - 6C PAPER-

1ST INTERNAL EXAM

Max.Marks 50M, TIME : 2hrs

Section-A

Answer the following any three questions 3x10=30M

1. Defined Resistor and explained types of Resistors ?
2. Defined Capacitors and explained types of Capacitors.
3. Defined Inductors and explained types of Inductors.
4. Derive energy stored in a capacitor equation.

Section-B

Answer the following any four questions 4x5=20M

5. Explain color coding of Resistors.
6. What are the applications of Resistor as heating element in heaters?
7. What are the applications of in capacitors in motors (fans).
8. What are applications of inductors, applications of choke in a fan?
9. Explain color coding of capacitors.

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1ST INTERNAL EXAM

Max.Marks 50M, TIME : 2hrs

Section-A

Answer the following any three questions 3x10=30M

10. Defined Resistor and explained types of Resistors ?
11. Defined Capacitors and explained types of Capacitors.
12. Defined Inductors and explained types of Inductors.
13. Derive energy stored in a capacitor equation.

Section-B

Answer the following any four questions 4x5=20M

14. Explain color coding of Resistors.
15. What are the applications of Resistor as heating element in heaters?
16. What are the applications of in capacitors in motors (fans).
17. What are applications of inductors, applications of choke in a fan?
18. Explain color coding of capacitors.