

नेपाल नागरिक उड्डयन प्राधिकरण

प्रविधिक सेवा, इलेक्ट्रिकल इन्जिनियरिङ्ग समूह, पाँचौं तह, वरिष्ठ सहायक पदको प्रयोगात्मक परीक्षाको पाठ्यक्रम

पूर्णाङ्क : ३०

उत्तीर्णाङ्क : १५

1. Transformer

10 Marks

- 1.1 Introduction, working principle
- 1.2 Transformer polarity test
- 1.3 Short circuit test of single phase transformer

2. House wiring

10 Marks

- 2.1 Introduction of house wiring
- 2.2 Types of wires used in house wiring
- 2.3 Cable sizing
- 2.4 Types of wiring
- 2.5 SP/DP/TP MCB sizing and connection
- 2.6 Panel board connection
- 2.7 Cable shoe size and connection

3. Lamp connection

10 Marks

- 3.1 Connection of lamp in series and parallel,
- 3.2 lamp connection by one-way, two-way switch
- 3.3 Bell connection by one switch,
- 3.4 Bell connection by two switch.
- 3.5 Types and connection of contactor; Relay-contactor circuit
- 3.6 Push button switch control