

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