

नेपाल टेलिकम (नेपाल दूरसञ्चार कम्पनी लिमिटेड), प्राविधिक, टेलिकम इन्जिनियरिङ्ग, इलेक्ट्रोनिक्स एण्ड कम्युनिकेशन, सातौ, टेलिकम इन्जिनियर पदको खुला प्रतियोगितात्मक लिखित परीक्षा
लोक सेवा आयोग
२०७९/०३/०९

KEY [D]

पत्र : द्वितीय

समय : ३ घण्टा

विषय : Technical Subject

पूर्णाङ्क : १००

उत्तरपुस्तिकामा प्रश्नपत्रको KEY अनिवार्य रूपले उल्लेख गर्नुपर्नेछ । उल्लेख नगरेमा उत्तरपुस्तिका रद्द हुनेछ । परीक्षामा calculator, mobile प्रयोग गर्न पाइनेछैन । प्रत्येक खण्डको उत्तर छुट्टाछुट्टै उत्तरपुस्तिकामा लेख्नुपर्नेछ । अन्यथा उत्तरपुस्तिका रद्द हुनेछ ।

Section : "A"

Multiple Choice

Time : 30 Minutes
30x1=30 Marks

- Which radar circuit determines pulse repetition rate?
A) Discriminator ☒ B) Synchronizer ☐ C) Modulator ☐ D) Decoder
- The use of telecommunication for the transmission of signals to initiate, modify or terminate functions of equipments at a distance is called
A) Tracking ☐ B) Space-command ☒ C) Tele command ☐ D) Truking
- Which of the following modulation scheme requires minimum power for transmission?
A) 8 PSK ☒ B) QPSK ☐ C) 16QAM ☐ D) None of the above
- What is the basic functionality of a transformer?
A) Voltage to current converter ☐ B) Current to voltage converter ☐
☒ C) Frequency converter ☐ D) None of the above
- Which modulation scheme is used by Bluetooth?
A) DQPSK ☒ B) GFSK ☐ ☒ C) BPSK ☐ D) MSK
- The microprocessor of a computer can operate on any information if it is present in only.
☒ A) Program Counter ☐ B) Flag ☒ C) Main Memory ☐ D) Secondary Memory
- Slip rings are usually made of
A) Copper ☐ ☒ B) Carbon ☐ C) Aluminium ☐ ☒ D) Phosphor Bronze
- Which of the following is a function of E-commerce?
A) Finance ☐ B) Marketing ☐ C) Supply chain ☐ ☒ D) All of the above
- Which analog filter is called feat-feat filter?
A) Chebysev filter ☐ ☒ B) All pass filter ☐
C) Butterworth filter ☐ D) None of the above
- The most common ADC seen in the telecommunication based on audio signal is ADC.
☒ A) Flash ☐ B) Successive Approximation ☐
C) Sigma-delta ☐ D) Dual-slope
- EPROM chips are erasable by
A) E ☐ B) Gamma rays ☐ C) X-rays ☐ ☒ D) Ultraviolet rays