ESCUELA SUPERIOR POLITECNICA DEL LITORAL

FACULTAD DE INGENIERIA EN ELECTRICIDAD Y COMPUTACION

LICENCIATURA EN REDES Y SISTEMAS OPERATIVOS

COMUNICACIÓN DE DATOS

II TERMINO 2010-2011 EXAMEN FINAL

NOMBRE: …………………………………………………………………………….…

1.- Responda a las siguientes preguntas (30 ptos)

1. ¿Qué función realiza el control de flujo en una enlace de datos?
2. ¿Qué tipo de tecnología usa el cable modem y explíquela brevemente?
3. ¿Qué es más eficiente transmisión síncrona o asíncrona y por que?
4. Exlique la diferencia entre FDM y TDM
5. ¿Qué son los CRC, como se clasifican y que equipos los utilizan?
6. ¿ Cuál es la diferencia entre Fibra Monomodo y Multimodo?

2.- Realizar el método de corrección de errores CRC por **lógica digital** y comprobar el resultado en el receptor por **lógica binaria**, con los siguientes datos: (30 puntos)

M(X)= X11+X10+ X8+ X7+X3+1

Generador Polinomial: X5+X3+X2+1



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