**E S P O L**

**ESCUELA DE DISEÑO Y COMUNICACIÓN VISUAL**

**EXAMEN PARCIAL DE ORGANIZACIÓN DE COMPUTADORES**

**Profesor: Lsi. Freddy Veloz de la Torre, MSIG.**

**Fecha: Julio 10 - 2010**

**Alumno: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**\*\*10 PUNTOS CADA TEMA\*\***

1.- De acuerdo con la arquitectura Von Neumann, cuáles son los pasos que un computador ejecuta secuencialmente?

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2.- Identifique y escriba un concepto de cada uno de los niveles de la memoria caché.

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3.- Escriba sobre las diferencias fundamentales entre el RAID 0 y el RAID 1.

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4.- Escriba al menos 5 tipos distintos de memoria RAM y un concepto de cada uno de ellos

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5.- Escriba el significado de las siguientes siglas:

RAID \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

CISC \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DIMM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

EEPROM \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

SATA \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

6.- Un archivo .mp3 grabado a 128 kbps tiene una duración de 3,5 minutos, calcule la cantidad de espacio que ocupa.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MB.

7.- Considerando la figura, escriba una expresión booleana que sea equivalente.

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