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| **1.** | **What are two factors that must be considered when choosing a computer case? (Choose two.)**  *Welche beiden Faktoren müssen beachtet werden beim Kauf eines PC Gehäuses(Wählen Sie zwei Antworten.)* |
| ➀ | The vendor that manufactured the motherboard |
| ➁ | The number of LED indicators at the front of the case |
| ➂ | The number of internal drive locations |
| ➃ | The size of the motherboard and the power supply |
| ➄ | The size of the monitor |

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| **2.** | **Refer to the exhibit. Which type of cable is shown in the graphic?**  *Beziehen Sie sich auf den Ausschnitt. Welche Art von Leitung ist in der Grafik dargestellt?* | 14270 |
| ➀ | FireWire |
| ➁ | Parallel |
| ➂ | Serial |
| ➃ | USB |

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| **3.** | **Which two activities are normally controlled by the Northbridge part of the chip set? (Choose two.)**  *Welche beiden Tätigkeiten werden in der Regel von dem Northbridge-Teil des Chipsatzes gesteuert? (Wählen Sie zwei Antworten.)* |
| ➀ | communication between the CPU and the I/O ports |
| ➁ | access to the RAM |
| ➂ | communication between the CPU and the hard drive |
| ➃ | access to the video card |
| ➄ | communication between the CPU and the sound card |

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| **4.** | **Where can the input voltage selection be changed from 110 volts to 220 on a computer system?**  *Welches der folgenden Punkte ermöglicht die Einstellung der Netzspannung von 110 auf 220 volt?* |
| ➀ | In the operating system control panel |
| ➁ | In the BIOS |
| ➂ | On the back of the power supply |
| ➃ | On the motherboard |

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| **5.** | **Which three devices are considered output devices? (Choose three.)**  *Welche drei Geräte sind Ausgabe-Geräte? (Wählen Sie drei Antworten.)* |
| ➀ | fingerprint scanner |
| ➁ | headphones |
| ➂ | keyboard |
| ➃ | monitor |
| ➄ | mouse |
| ➅ | printer |

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| **6.** | **A user playing a game on a gaming PC with a standard EIDE 5400 RPM hard drive finds the performance unsatisfactory. Which hard drive upgrade would improve performance while providing more reliability and using less power?**  *Ein User spielt ein Spiel auf einem Gamer-PC mit einer Standard EIDE 5400 RPM Festplatte und findet die Leistung unbefriedigend. Welches Festplatten Upgrade würde eine bessere Leistung und mehr Sicherheit bieten und gleichzeitig weniger Strom verbrauchen?* |
| ➀ | A 10.000 RPM SATA hard drive |
| ➁ | A 7200 RPM EIDE hard drive |
| ➂ | An SSD |
| ➃ | A 7200 RPM SATA hard drive |

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| **7.** | **Which hardware upgrade would allow the processor in a gaming PC to provide the optimal gaming performance?**  *Welches Hardware-Upgrade würde den Prozessor eines Gamer-PCs die optimalste spiel Performance bieten?* |
| ➀ | Liquid cooling |
| ➁ | Large amounts of fast RAM |
| ➂ | A high capacity external hard drive |
| ➃ | A fast EIDE drive |

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| **8.** | **Which two considerations would be of the greatest importance when building a workstation that will run multiple virtual machines? (Choose two.)**  *Welche zwei Überlegungen sind von größter Bedeutung, beim Bau einer Arbeitsstation, welches mehrere Virtuelle Maschinen Ausführen wird? (Wählen Sie zwei Antworten.)* |
| ➀ | Number of CPU cores |
| ➁ | Powerful videocard |
| ➂ | Amount of RAM |
| ➃ | High-end sound card |
| ➄ | Water cooling |

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| **9.** | **Which description fits to which RAID ?**  *Welche Beschreibung passt zu welchem RAID?* | | |
| RAID 0 (A) | | RAID 1(B) | RAID 5(C) |
| ( ) Highest Performance | | | |
| ( ) High performance and highprotection because all data is duplicated | | | |
| ( ) Combination of data stripping and parity | | | |
| ( ) Data stripping without redundancy | | | |
| ( ) Disk mirroring | | | |
| ( ) Ability of data to be rebuilt with information from the other drives | | | |

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| **10.** | **Which unit of measurement is used to indicate the Hard drive speed?**  *Welche Maßeinheit wird verwendet, um die Geschwindigkeit der Festplatte anzugeben?* |
| ➀ | Clusters per minute |
| ➁ | Revolutions per minute |
| ➂ | gigabytes |
| ➃ | Pages per minute |

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| **11.** | | **Which type of memory is primarily used as cache memory?**  *Welche Art von Speicher wird vor allem als Cache-Speicher verwendet?* |
| ➀ | | SRAM |
| ➁ | | ROM |
| ➂ | | RAM |
| ➃ | | DRAM |
| **12.** | **Which two pieces of information are needed before selecting a power supply?**  *Welche zwei Informationen werden benötigt bevor man einen Netzteil aussucht?* | | |
| ➀ | The total Wattage of all components. | | |
| ➁ | The installed operating system. | | |
| ➂ | The type of CPU. | | |
| ➃ | The voltage requirements of peripheral devices. | | |
| ➄ | The form factor of the case. | | |

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| **13.** | **Refer to the exhibit. Which type of adapter is shown?**  *Beziehen Sie sich auf den Ausschnitt. Welche Art von Adapter ist gezeigt?* |  |
| ➀ | Network interface |
| ➁ | RAID |
| ➂ | Video |
| ➃ | Sound |

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| **14.** | **Refer to the exhibit. Which type of video card expansion slot is depicted?**  *Beziehen Sie sich auf den Ausschnitt. Welche Art von Video Card Schnittstelle ist gezeigt?* |  |
| ➀ | ISA |
| ➁ | AGP |
| ➂ | PCI |
| ➃ | PCIe |

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| **15.** | **Which component controls the communications and interactions between the CPU and other components on the motherboard?**  *Welcher Bauteil kontrolliert die Kommunikation und Interaktionen zwischen der CPU und anderen Bauteilen auf dem Motherboard* |
| ➀ | Chipset |
| ➁ | CMOS |
| ➂ | RAM |
| ➃ | BIOS |

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| **16.** | **Which memory module has a frontsidebus speed of 200 MHz?**  *Welche Speichereinheit hat eine frontsidebus Geschwindigkeit von 200 MHz?* |
| ➀ | DDR-400 |
| ➁ | DDR-333 |
| ➂ | DDR3-667 |
| ➃ | PC100 SDRAM |

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| **17.** | **A technician looks at a motherboard and sees a 24-pin connector. What component would connect to the motherboard through the use of this 24-pin connector?**  *Ein Techniker guckt auf ein 24-pin Schnittstelle auf einem Motherboard. Welches Bauteil würde auf den 24-pin Connector passen.* |
| ➀ | SATA drive |
| ➁ | Floppy drive |
| ➂ | Power supply |
| ➃ | Video card |
| ➄ | PATA optical drive |

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| **18.** | **Which two storage devices use a magnetic medium for storing data (choose two)?**  *Welche zwei Speichermedien benutzen ein magnetisches Medium zum Speichern der Daten?* |
| ➀ | Blue-ray disk drive |
| ➁ | Tape drive |
| ➂ | Compact disk drive |
| ➃ | Hard disk drive |
| ➄ | Solid state drive |

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| **19.** | **Which two devices are considered input devices? (Choose two.)**  *Welche zwei Geräte sind Input Einheiten?* |
| ➀ | Biometric authentication device |
| ➁ | Projector |
| ➂ | printer |
| ➃ | speakers |
| ➄ | Digital camera |

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| **20.** | **What type of connector can be used to connect an eSATA interface to an external SATA drive? (Choose two.)**  *Welcher Verbinder kann bei einem eSATA und einem SATA benutzt werden?* |
| ➀ | 5-pin connector |
| ➁ | 9-pin connector |
| ➂ | 15-pin connector |
| ➃ | 7-pin connector |