< DE/EJ/ET/EN/EX/EQ/IE/IS/IC >:: <22636>: <Emerging Trends in Electronics>: <Advance Processors>: < UO1a.1: Explain processor selection criteria. >: <Assessments>: <Formative>

<Mr Pramod Menase>

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| Set 1: Question No 1 | Set 1: Question No 2 | Set 1: Question No 3 |
| \_\_\_\_\_\_\_\_\_\_\_and \_\_\_\_\_\_\_\_\_\_ architectures improve the performance of the processor. | Increasing the clock speed \_\_\_\_\_\_\_\_\_\_the power consumption. | In battery operated devices \_\_\_\_\_\_\_\_ is the important processor selection criteria. |
| Recall/ Remembering | Understanding | Application |
| 1. Pipelining, super-scalar | 1. Decreases | 1. Power |
| 1. Cost , Size | 1. Increases | 1. Memory |
| 1. Memory, Size | 1. Not known | 1. Size |
| 1. Peripherals, operating voltage | 1. Contract | 1. Cost |
| Ans: < a > | Ans: < b > | Ans: < a > |

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| Set 2: Question No 1 | Set 2: Question No 2 | Set 2: Question No 3 |
| Graphic Processing Unit also called as \_\_\_\_\_\_\_\_\_\_\_unit. | System On Chip (SoC) architecture provides \_\_\_\_\_\_\_peripherals to improve Effective data communication. | Suggest processor to handle multimedia applications. |
| Recall/ Remembering | Understanding | Application |
| 1. ALU | 1. off chip | 1. Digital Signal Processor |
| 1. Register | 1. side by side | 1. Floating Point Co-processor |
| 1. Visual processing | 1. near by | 1. Microprocessor |
| 1. Stack pointer | 1. on chip | 1. Microcontroller |
| Ans: < c > | Ans: < d > | Ans: < a > |