

# High Performance Computing (HPC) MCQs [set-18]

**426. Utilization rate of resources in an execution model is known to be its?**

- A. adaptation
- B. efficiency
- C. dependability
- D. flexibility

Answer: B

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**427. Even under failure conditions Providing Quality of Service (QoS) assurance is the responsibility of?**

- A. dependability
- B. adaptation
- C. flexibility
- D. efficiency

Answer: A

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**428. Interprocessor communication that takes place?**

- A. centralized memory
- B. shared memory
- C. message passing
- D. both a and b

Answer: D

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**429. Data centers and centralized computing covers many and?**

- A. microcomputers
- B. minicomputers
- C. mainframe computers
- D. supercomputers

Answer: D

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**430. Which of the following is an primary goal of HTC paradigm\_\_\_\_\_?**

- A. high ratio identification

- B. low-flux computing
- C. high-flux computing
- D. computer utilities

Answer: C

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**431. The high-throughput service provided is measures taken by**

- A. flexibility
- B. efficiency
- C. dependability
- D. adaptation

Answer: D

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**432. What are the sources of overhead?**

- A. essential /excess computation
- B. inter-process communication
- C. idling
- D. all above

Answer: D

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**433. Which are the performance metrics for parallel systems?**

- A. execution time
- B. total parallel overhead
- C. speedup
- D. all above

Answer: D

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**434. The important feature of the VLIW is \_\_\_\_\_?**

- A. ilp
- B. performance
- C. cost effectiveness
- D. delay

Answer: A

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