

UNIT-V

Advanced ARM Processors

1. Cortex processors are developed by

- a) Intel
- b) AMD
- c) ARM
- d) Motorola

Answer: c) ARM

2. Cortex-M processors are mainly used in

- a) Servers
- b) Supercomputers
- c) Embedded Systems
- d) Mainframes

Answer: c) Embedded Systems

3. OMAP processors are widely used in

- a) Mobile Devices
- b) Printers
- c) Routers
- d) UPS Systems

Answer: a) Mobile Devices

4. Cortex-A processors are intended for

- a) High-performance applications
- b) Timers only
- c) Memory chips
- d) Sensors

Answer: a) High-performance applications

5. Which processor family is optimized for real-time control?

- a) Cortex-A
- b) Cortex-M
- c) Pentium
- d) Xeon

Answer: b) Cortex-M

Fill in the Blanks

1. Cortex processors are developed by ARM.
2. Cortex-M processors are used in embedded systems.
3. OMAP stands for Open Multimedia Applications Platform.
4. Cortex-A processors are used in application processors.
5. Modern IoT devices commonly use Cortex-M processors.
6. Smartphones often employ ARM-based processors.