

Course Name : O Level(B4-1st sem.)

Topic : Operating System for
Mobile Phone an Tablets

Subject : ITT&NB

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Operating System for Mobile Phone and Tablets

A mobile operating system, also called a mobile OS, is an operating system that is specifically designed to run on mobile devices such as mobile phones, smart phones, PDAs, tablet computers and other handheld devices.

Types of Mobile Operating Systems

Android OS (Google Inc.)

The Android mobile operating system is Google's open and free software stack that includes an operating system, middleware and also key applications for use on mobile devices, including smart phones. Updates for the open source Android mobile operating system have been developed under "dessert-inspired" version names (Cupcake, Donut, Éclair, Gingerbread, Honeycomb, Ice Cream Sandwich) with each new version arriving in alphabetical order with new enhancements and improvements.

iPhone OS / iOS (Apple)

Apple's iPhone OS was originally developed for use on its iPhone devices. Now, the mobile operating system is referred to as iOS and is supported on a number of Apple devices including the iPhone, iPad, iPad 2 and iPod Touch. The iOS mobile operating system is available only on Apple's own manufactured devices as the company does not license the OS for third-party hardware. Apple iOS is derived from Apple's Mac OS X operating system.

BlackBerry OS

The BlackBerry OS is a proprietary mobile operating system developed by Research In Motion for use on the company's popular BlackBerry handheld devices. The BlackBerry platform is popular with corporate users as it offers synchronization with Microsoft Exchange, Lotus Domino, Novell GroupWise email and other business software, when used with the BlackBerry Enterprise Server.

Symbian:

Nokia's favorite operating system Symbian took the fourth spot. It is now obsolete and does not interests anyone. But for small budget phones it is

definitely a good deal.

Windows Mobile (Windows Phone)

Windows Mobile is Microsoft's mobile operating system used in smart phones and mobile devices – with or without touch screens. The Mobile OS is based on the Windows CE 5.2 kernel. In 2010 Microsoft announced a new smart phone platform called Windows Phone 7. Windows phone 10 was released in November 2015 and is included in Microsoft's smart phones and tablets.

Bada (Samsung Electronics)

Bada is a proprietary Samsung mobile OS that was first launched in 2010. The Samsung Wave was the first smartphone to use this mobile OS. Bada provides mobile features such as multipoint-touch, 3D graphics and of course, application downloads and installation.

Exercise:

- Write short notes on Operating System for Mobile Phone and Tablets.