Computer Know How Series

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Apple iDevices (2007-current) – Thursday June 9th 2016 @ 2pm

1) Device Orientation (know your device)
   a. Physical Device
      i. Buttons/Switches – Home/Touch ID Sensor (front bottom), Sleep/Wake (top or right side), Volume (top left), Silence/Rotate Lock (top left)
      ii. Ports/Sensors – Charge/USB Port (bottom), Mic (bottom, top, back), Speaker (front, bottom), Cameras (front, back), Cellular/WiFi/Bluetooth/GPS Antennas, Proximity Sensor (front), 3-Axis Gyroscope (front), Ambient light sensor (front), Accelerometer, Barometer
   b. Operations System (OS) and Updates
      i. Operating Systems (Current iOS 9.x.x)
      ii. Updates (iTunes [Alpha], Device (Setting > General, Software Update[Delta])
   c. Differences between iDevices (iPhone, iPod Touch, iPad, iPad Pro)
      i. Smartphone, MP3 Player, Tablet
   d. Sleep/Wake
      i. Unlock (Button > Swipe) or Finger Print Sensor (Home Button)
      ii. Lock & Auto Lock Options (passcodes)
   e. Identify your Device (Settings > General > About)
      i. Name, Network (Cell), Capacity, Version (iOS), Model
2) Connectivity
   a. Cellular Carriers (AT&T, Verizon, Sprint, T-Mobile)
   b. Cellular Voice and Data (2G, 3G, 4G HSPA+, 4G LTE)
   c. WiFi (_____ _____) (Local Wireless Network)
   d. GPS (_____ _____ _____) (Receive Only)
   e. NFC (Near Field Communication) (iPhone 6 and newer)
3) Gestures
   a. Swipe(s) (←↑→↓), Tap, Tap & Hold, Double Tap, Double Finger Tap, Pinch (in/out)
   b. 4 Finger Swipe, 5 Finger Pinch (iPad iOS 5+)
   c. 3D Touch - Push and Pop (iPhone 6s & iPhone 6s Plus)
   d. App Switcher (Tap and Hold left side of Screen then Swipe Right)
4) Notifications/Badges (Push, Alert, Banner)
   a. Notification Center (iOS 5 or greater) & Control Center (iOS 8 or greater)
   b. Phone, Messages & Mail
   c. App Store Updates
   d. 3rd party Push Notifications
5) Limitations
   a. Hardware (no user replaceable)
      i. Battery (Not User Replaceable), Screen Replacement (glass touch sensor and display)
      ii. Button Failure/Replacement (mechanical)
   b. Software
      i. iOS (Apple Restrictions/Limitations)
      ii. No Adobe Flash Player (mostly replaced by HTML5)

        iii. File Storage (USB, WiFi, Apps)

        iv. 3rd party apps (only from App Store)

        v. Jailbreaking (3rd party App Store)

6) Apps
   a. OS (Settings, Spotlight Search, Siri [Voice Assistant] ["Hey Siri" hands free])
   b. Phone (iPhone only) & Contacts
   c. Messages (SMS, MMS & iMessage)
   d. Mail, Calendar & Reminders
   e. Camera & Photos (live photos, videos, collections)
   f. Safari
   g. Maps (demo - 3D Touch, Gestures)
   h. Music & Videos
   i. Health
   j. Wallet/Apple Pay (uses NFC for secure transactions)
   k. 3rd Party (depends on user usage) (Apple App Store)

7) iCloud (Sync, Security, Backups)
   a. Calendar, Contacts, Mail, Reminders
   b. Photos (sharing)
   c. Documents, Notes, Bookmarks
   d. Backups (5GB Free and Purchased Capacities)
   e. Find my iPhone/iDevice (Battery Level, Play Sound, Lost Mode, Erase)

8) Troubleshooting & Maintenance
   a. App Termination
   b. Restarting
   c. Cases & Screen Protectors

9) Links
   a. Apple - http://www.apple.com /iPhone or /iPad or /iPod
   b. Getting Started Guide - https://support.apple.com/en-us/HT202033
   c. iPhone User Guide - https://support.apple.com/en-us/HT202033
   d. iPad User Guide - https://help.apple.com/ipad/9/
   e. iPod Touch Guide - https://help.apple.com/ipod-touch/9/
   f. 3d Touch - https://developer.apple.com/ios/3d-touch/
   g. History of iPhone - https://en.wikipedia.org/wiki/History_of_iPhone
   h. History of iPad - https://en.wikipedia.org/wiki/IPad