Keep in Mind

* Index.php file is used for website root file
* Index.php has the power of root file of any directory
* Single.php is used for single blog or pages
* Wordpress work in modular way so don’t need to repeat us ourselves like if we need to add header file just call get\_header() we don’t need to write header in every file Here get\_header() means go the header.php and include the code of header.php here.
* To test a page template after creating its use in an existing page then run it if it gives no error then go ahead i.e. everything is alright

Widget

* A widget is an element of a graphical user interface (GUI) that displays information or provides a specific way for a user to interact with the operating system or an application.

Wordpress Widget

* A WordPress Widget is a small block that performs a specific function. You can add these widgets in sidebars also known as widget-ready areas on your web page.
* WordPress widgets were originally created to provide a simple and easy-to-use way of giving design and structure control of the WordPress theme to the user.
* Widgets can be easily dragged and dropped into a specific widget area
* Widgets in WordPress allow you to add content and features in the widget zed areas of your theme which is mostly the sidebar. However these widget-ready areas can be in the header, footer, sidebar, below content, and basically any other area in your theme. The available widget areas that you have in your theme will vary from theme to theme.

Shortcodes

* When you write content for your website, chances are, you’ll use a lot of the same HTML and CSS to include special functionality on specific pages.
* The problem is, repeating this code, day in and day out, can be tedious and prone to errors.
* How can you avoid this heart-ache?
* There’s a WordPress feature called shortcodes, and when you implement them, you’ll be able to call regularly used pieces of code in seconds while decreasing the chance of mistakes.
* Oh, and the best part? Shortcodes work beautifully with the Thesis Theme. So, keep reading!
* A shortcode is a WordPress-specific code that lets you do nifty things with very little effort. Shortcodes can embed files or create objects that would normally require lots of complicated, ugly code in just one line. Shortcode = shortcut.
* Shortcodes in WordPress are little bits of code that allow you to do various things with little effort. They were introduced in WordPress 2.5, and the reason to introduce them was to allow people to execute code inside WordPress posts, pages, and widgets without writing any code directly. This allows you to embed files or create objects that would normally require a lot of code in just one single line. For example, a shortcode for embedding a video might look like this:
* [video]

Plugin Best Practices

* Store each plugin in its own directories
* Use a sublime snippet for plugin starting or commenting part of the plugin documentation for faster code

Wordpress Basic Structure

* Make up of three building blocks: a header, the content (contains the posts and pages), and footer.

Creating theme from ready markup

* Create images folder and place all images from markup in this folder
* When theme style.css file replace with markup style.css then must ensure remove all ../

Wordpress Update

* If wordpress update doesn’t work well then deactivate all plugins because plugin may hold too much memory as a result wordpress update doesn’t get enough memory for running update.

Some important plugins for Security

* Limit login plugins – that locks a user after several tries & user will able to access the site after a certain period of time.
* Google Authenticator – will generate a code and send it to the user without it a user can’t logged in the site
* Wordpress SEO by Yoast
* Backup free – Wordpress backup plugin
* Akismet – helpful for controlling spamming of the site

Wordpress crashes

* Either broken or coded improperly plugin
* Broken or improperly coded theme
* Or broken upgrade wordpress

Wordpress

* Get recent ID  
  - $post = wp\_get\_recent\_posts();
* var\_dump($post['0']['ID']);

Featured Image

* We can’t use featured image from the external source
* We must store the image in our library if we want to use it

Define sever in wp

define('WP\_HOME', 'http://' . $\_SERVER['HTTP\_HOST'] . '/');

define('WP\_SITEURL', 'http://' . $\_SERVER['HTTP\_HOST'] . '/');

Widget

* Easiest way to customizing wordpress site
* Widget can be applied any widget zed area or sidebar in our theme
* Different theme have different widget zed area

Plugins

* Are small pieces of software that quite plugged into the wordpress and additional features?

Wordpress different types of users

* Subscriber: Lowest level of the user. That’s type of user can access everything in front page and also access to own user profile
* Contributor: Can create content for your site and submit that content for review and contributor can create and edit the content as long as it not published. Once the editor or author or administrator decides it publish the contributor can no longer edit it.
* Author: Can create and publish their own content and can’t edit anyone else content.
* Editor: Can create and publish their own as well as others and publish that content.
* Administrator: Can control everything of the site.

Different Files of Theme

* single.php – Powers single blog post.
* archive.php – Powers for archive file like for a month or a year.

Bloginfo

* bloginfo - Displays information about the current site.

Get\_Option

* <?php echo get\_option( $option, $default ); ?>
* $option and $default, though only the first one is obligatory and second one is optional.

Bloginfo & get\_option

* Both methods produce exactly same results

Difference between siteurl & homeurl

* Site url = url of your site’s front page
* Home url = url of your main posts page.

Several functions of the Wordpress

* the\_permalink() - A permalink is the web address used to link to your content. The URL to each post should be permanent, and never change — hence the name permalink. The Settings Permalinks Screen allows you to choose your default permalink structure. You can choose from common settings or create custom URL structures.