PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION DECEMBER 2022
(Fifth Semester)

Branch – COMPUTER SCIENCE WITH DATA ANALYTICS

MOBILE AND WEB APPLICATIONS DEVELOPMENT

Time: Three Hours   Maximum: 75 Marks

SECTION-A (10 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (10 x 1 = 10)

1. Android is based on which kernel?
    a) Linux kernel   b) Windows kernel
    c) MAC kernel   d) Hybrid Kernel

2. A ____ is a piece of an activity that enable more modular activity design.
    a) Intents   b) sub-activity
    c) Fragment   d) Filters

3. If you want to configure a link between two Android activities in the same Android application, you need to use:
    a) Intent   b) Gradle
    c) Toast   d) Progressbar

4. Which of the following files has the correct name for a layout design file of an activity in an Android app?
    a) MainActivity.java or MainActivity.kt   b) activity_main.xml
    c) Sample.class   d) Gradle.sql

5. A ____ work, as it relates to WordPress, is a work that contains programming whose functionality depends on the core WordPress file.
    a) derivative   b) program
    c) function   d) core file

6. Which one of the following is not a WordPress role?
    a) Administrator   b) Subscriber
    c) System   d) Editor

7. A ____ is an episodic series of digital audio files that a user can download to a personal device for easy listening.
    a) Archive   b) podcast
    c) promotion   d) RSS feed

8. The ____ defines the HTML markup around each individual thumbnail image in your gallery.
    a) captiontag   b) icontag
    c) itemtag   d) orderby

9. We can change the WordPress theme using ____.
    a) wordpress_setting.php file   b) WordPress Settings
    c) wp_config.php file   d) WordPress Appearance

10. Which plugin is a page builder?
    a) WP Forms   b) Elementor
    c) Smart Slider   d) All in one Migration

SECTION - B (25 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 5 = 25)

11.   (a) Describe various Android versions.
                        (OR)
       (b) How to show progress dialog in Android? Explain.

12.   (a) Explain the life cycle methods of a fragment.
                        (OR)
       (b) Outline the components of Action Bar.

13.   (a) Describe the features of the word press.
                        (OR)
       (b) Summarize the upgrades available on WordPress.com.

14.   (a) State the steps to add an image from the web into blog posts.
                        (OR)
       (b) Explain the advantages of custom fields.

15.   (a) Bring out the uses of bloginfo() parameters.
                        (OR)
       (b) Analyse the best practices to use plug-ins code.

SECTION -C (40 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 8 = 40)

16.   (a) Classify the types of Android devices in the market.
                        (OR)
       (b) Elucidate the method of displaying a dialog window using an activity.

17.   (a) Summarize the procedure of linking activities using intent.
                        (OR)
       (b) Discuss the behavior of an activity when the device changes orientation.

18.   (a) Examine the WordPress development process.
                        (OR)
       (b) Outline the general settings to be followed to personalize the blog.

19.   (a) Discuss the three options for saving or publishing posts.
                        (OR)
       (b) Identify the steps to insert a photo gallery into a blog post.

20.   (a) Highlight the CSS background properties.
                        (OR)
       (b) Enumerate the functions of the WP plugin.

Z-Z-Z   END