



25165

Reg. No.

--	--	--	--	--	--	--	--

V Semester B. Voc. Degree Examination, March - 2021

**INFORMATION TECHNOLOGY**

**Application Development with Android**

**(CBCS - Scheme)**

**Paper : BVIT - 505**

**Time : 3 Hours**

**Maximum Marks : 70**

**Instructions to Candidates:**

Answer **ALL** the sections.

**SECTION - A**

Answer any **TEN** of the following questions.

**(10×2=20)**

1. What is ADT Plug in?
2. Explain the purpose of widget.
3. List any two features of Android SDK.
4. List any two Android Libraries.
5. Explain the Purpose of Android Emulator.
6. Define Activity.
7. What does Android debug bridge do?
8. What is the use of set content view method?
9. Define Fragment Manager.
10. What is drawable folder in Android?
11. What is the use of Content Resolver in Android?
12. Name the File Management Tools?

**BMSCW LIBRARY**

**[P.T.O.]**



(2)

25165

**SECTION - B**

Answer any **Five** of the following questions.

**(5×10=50)**

13. a) With a neat diagram explain Android application architecture.  
b) With a neat diagram explain Android Software Stack. **(5+5)**
14. a) Explain any two types of Android Applications.  
b) Explain the steps for Creating Android Application. **(5+5)**
15. a) What are the imposed design Considerations of hardware?  
b) How to create Sub-activities in Android. **(5+5)**
16. a) How many Permissions an Android Application has by default? Explain.  
b) Explain the phases of activity states. **(5+5)**
17. a) Explain Five Layouts used in Android.  
b) Explain Fragment Life Cycle. **(5+5)**
18. a) Define Fragment. Explain different types of Fragment.  
b) How intent are used to broadcast an event? **(5+5)**
19. a) Write a snippet to transfer the data from one activity to another with possible validation.  
b) Explain the parts of preference books. **(5+5)**
20. a) How to send a message using SMS Manager?  
b) How can call state be Changed in Android? **(5+5)**
-