



# BRAINWARE UNIVERSITY

**Term End Examination 2021 - 22**  
**Programme – Bachelor of Computer Applications**  
**Course Name – Mobile Application Development**  
**Course Code - BCAD601A**  
**( Semester VI )**

**Time allotted : 1 Hrs.15 Min.**

**Full Marks : 60**

[The figure in the margin indicates full marks.]

**Group-A**

(Multiple Choice Type Question)

1 x 60=60

*Choose the correct alternative from the following :*

- (1) Android is
 

a) an operating system	b) a web browser
c) a web server	d) None of the above
- (2) For which of the following Android is mainly developed?
 

a) Servers	b) Desktops
c) Laptops	d) Mobile devices
- (3) Which of the following is the first mobile phone released that ran the Android OS?
 

a) HTC Hero	b) Google gPhone
c) T - Mobile G1	d) None of the above
- (4) Android is based on which of the following language?
 

a) Java	b) C++
c) C	d) None of the above
- (5) APK stands for -
 

a) Android Phone Kit	b) Android Page Kit
c) Android Package Kit	d) None of the above
- (6) What does API stand for?
 

a) Application Programming Interface	b) Android Programming Interface
c) Android Page Interface	d) Application Page Interface
- (7) What is an activity in android?
 

a) android class	b) android package
c) A single screen in an application with	d) None of the above

supporting java code

- (8) On which of the following, developers can test the application, during developing the android applications?
- a) Third-party emulators
  - b) Emulator included in Android SDK
  - c) Physical android phone
  - d) All of the above
- (9) Which of the following kernel is used in Android?
- a) MAC
  - b) Windows
  - c) Linux
  - d) Redhat
- (10) Which of the following is not an activity lifecycle callback method?
- a) onClick() method
  - b) onCreate() method
  - c) onStart() method
  - d) onBackPressed() method
- (11) Does android support other languages than java?
- a) Yes
  - b) No
  - c) May be
  - d) Can't say
- (12) What is the use of content provider in Android?
- a) For storing the data in the database
  - b) For sharing the data between applications
  - c) For sending the data from an application to another application
  - d) None of the above
- (13) NDK stands for -
- a) Native Development Kit
  - b) New Development kit
  - c) Native Design Kit
  - d) None of the above
- (14) Which of the following is contained in the src folder?
- a) XML
  - b) Java source code
  - c) Manifest
  - d) None of the above
- (15) Which of the following android component displays the part of an activity on screen?
- a) View
  - b) Manifest
  - c) Intent
  - d) Fragment
- (16) In which of the following tab an error is shown?
- a) CPU
  - b) Memory
  - c) ADB Logs
  - d) Logcat
- (17) Which of the following is the name of the Android version 1.5?
- a) Eclair
  - b) Froyo
  - c) Cupcake
  - d) Donut
- (18) Which of the following is the topmost layer of android architecture?
- a) System Libraries and Android Runtime
  - b) Linux Kernel
  - c) Applications
  - d) Applications Framework
- (19) Which of the layer is below the topmost layer of android architecture?
- a) System Libraries and Android Runtime
  - b) Linux Kernel
  - c) Applications
  - d) Applications Framework
- (20) Which of the layer is the lowest layer of android architecture?
- a) System Libraries and Android Runtime
  - b) Linux Kernel
  - c) Applications
  - d) Applications Framework



- c) Intent  
d) None of these
- (34) What was Google's main business motivation for supporting Android?  
a) To level the playing field for mobile devices  
b) To directly compete with the iPhone  
c) To corner the mobile device application market for licensing purposes  
d) To allow them to advertise more
- (35) What does the src folder contain?  
a) Image and icon files  
b) XML resource files  
c) The application manifest file  
d) Java source code files
- (36) What is the name of the program that converts Java byte code into Dalvik byte code?  
a) Android Interpretive Compiler (AIC)  
b) Dalvik Converter  
c) Dex compiler  
d) Mobile Interpretive Compiler (MIC)
- (37) Which among the following are part of "Application" layer of Android Architecture  
a) Contacts  
b) Browser  
c) Phone  
d) All of these
- (38) In the TCP/IP protocol suite, which one of the following is NOT part of the IP header?  
a) Destination port number  
b) Destination IP address  
c) Source IP address  
d) Fragment Offset
- (39) The transport layer protocols used for real time multimedia, file transfer, DNS and e-mail, respectively are:  
a) TCP, UDP, TCP and UDP  
b) UDP, TCP, UDP and TCP  
c) UDP, TCP, TCP and UDP  
d) TCP, UDP, UDP and TCP
- (40) What are return types of startActivityForResult() in android?  
a) RESULT\_CANCEL  
b) RESULT\_OK  
c) RESULT\_CRASH  
d) Both RESULT\_CANCEL and RESULT\_OK
- (41) How does Google check for malicious software in the android market?  
a) A separate company monitors the Android Market for Google  
b) Google employees verify each new app  
c) Users report malicious software to Google  
d) Every new app is scanned by a virus scanner
- (42) Fragment life cycle in android is  
a) onAttach()->onCreate() -> onCreateView() -> onActivityCreated() -> onStart() -> onResume()  
b) onReceive()  
c) onCreate()  
d) None of the above
- (43) Which one of the following belong to Parent Class of activity  
a) Context Theme Wrapper  
b) Activity Group  
c) Context  
d) Object
- (44) . \_\_\_\_\_ gets propagated through networks and technologies like SMS, Bluetooth, wireless medium, USBs and infrared to affect mobile phones.  
a) Worms  
b) Antivirus  
c) Malware  
d) Multimedia files
- (45) Hackers cannot do which of the following after compromising your phone?  
a) Steal your information  
b) Rob your e-money  
c) Shoulder surfing  
d) Spying

- (46) BBProxy tool is used in which mobile OS?
- a) Android
  - b) Symbian
  - c) Raspberry
  - d) Blackberry
- (47) Which of the following is not a security issue for PDAs?
- a) Password theft
  - b) Data theft
  - c) Reverse engineering
  - d) Wireless vulnerability
- (48) Which of the following is the core module of Android for Internet computing?
- a) SQLite RDBMS
  - b) SQL Server RDBMS
  - c) OpenPL
  - d) None of the mentioned
- (49) Point out the wrong statement.
- a) Google Chrome to Phone Extension sends links and information from a Chrome browser to an Android phone
  - b) Voice Actions for Android is a voice command and speech recognition program
  - c) Google Goggles is used for local search
  - d) All of the mentioned
- (50) Point out the correct statement.
- a) Voice Actions for Android allows you to use spoken commands to control your Android phone
  - b) The Android Market is not available on Android phones through the Market application
  - c) Video is accessed with the microphone button inside the Google search box on the Android home screen
  - d) None of the mentioned
- (51) Which of the following has not included support for Adobe Flash or Java on its platform?
- a) Microsoft
  - b) Apple
  - c) Google
  - d) None of the mentioned
- (52) Which of the following programming medium is used by MobileMe to create the appearance of a desktop application inside a browser?
- a) HTML
  - b) DHTML
  - c) JQuery
  - d) All of the mentioned
- (53) Which of the following is Apple's instant messaging service that interoperates with AIM?
- a) iDisk
  - b) iChat
  - c) wechat
  - d) all of the mentioned
- (54) Which of the following is a push mechanism for publishing Web site data that is device-specific?
- a) WAP
  - b) GPRS
  - c) GAP
  - d) None of the mentioned
- (55) Which of the following is a form of message push service?
- a) FMS
  - b) SMS
  - c) RMS
  - d) All of the mentioned
- (56) Which of the following is the most popular open-system alternative to system like iOS or BlackBerry OS?
- a) Android OS
  - b) Symbian
  - c) Solaris
  - d) All of the mentioned
- (57) Which of the following feature is highly emphasized in an open system for mobile application?

- a) scalability
- b) integrity
- c) interoperability
- d) none of the mentioned

(58) Which of the following is the most common way to approach the problem of interoperability by vendors?

- a) create individual sites within a Web site for different devices
- b) create scalable websites for different devices
- c) create reliable websites for different devices
- d) none of the mentioned

(59) GSM stands for

- a) Global system for maintenance
- b) Global system for memory
- c) Global system for management
- d) Global System for Mobile

(60) Which of the following is a faster version of GSM wireless service, designed to deliver data at rates up to 384 Kbps and enable the delivery of multimedia and other broadband applications to mobile phone and computer users?

- a) EDGE
- b) BREW
- c) ESMR
- d) ETRN