MOBILE OS OVERVIEW

1) _____ stores the data related to the user and is relevant to GSM (Global System for Mobile communication) mobile systems as well.

A) SIM (Subscriber Identity Module)

B) CMR (Customer- Managed Relationship)

C) VLR (Visitor Location Register)

D) HMR (Header Manipulation Rule)

2) A 4G communication supports the data rates of _____

A) 200 Mbps

B) 1024 Mbps

C) 50 Mbps

D) 100 Mbps

3) A mobile phone uses _____ type of duplex communication

A) Half

B) Full

C) Zero

D) Both a and b

4) AAPT stands for -

A) Android Activity Packaging Tool

B) Android Asset Packaging Tool

C) Android Action Packaging Tool

D) None of the above

5) Actions on screen performed are known as _____?

A) Services

B) Activities

C) Broadcast Receivers

D) Content Provider

6) Android is-

A) an operating system

B) a web browser

C) a web server

D) None of the above

7) Android was founded in:

A) 2008

B) 2003

C) 2001

D) 2005

8) Beta version of Android was first developed by _____?

A) Google

B) HTC

C) Microsoft Windows

D) Opera

9) Choose the built-in database of Android.

A) MySQL

B) SQLite

C) Oracle

D) None

10) **Data rate for GPRS is**

A) 14.4 Kbps

B) 57.6 Kpbs

C) 2 Mbps

D) 75 Mbps

11) **For a full-duplex, which of the given statement is valid?**

A) The bi-directional communication is possible

B) The communication is only possible in one direction

C) The communication is only possible in one direction at a particular time instant

D) None of the above is valid

12) **For the purpose of making mobile communication effective, the technique of frequency modulation was invented by _____**

A) Nikola Tesla

B) David Bohm

C) Edwin Armstrong

D) Albert Einstein

13) **For which of the following Android is mainly developed?**

A) Servers

B) Desktops

C) Laptops

D) **Mobile devices**

14) **GPS stands for**

A) global positioning system

B) global positioning process

C) global position searching

D) globe positioning system

15) **How many layers are present in the architecture of Android?**

A) Five

B) Four

C) Three

D) Two

16) **Identify the lowest layer of Android architecture.**

A) Applications

B) Applications Framework

C) Linux Kernal

D) System libraries and android runtime

17) **Identify the one which provides access to the database.**

A) android.api

B) android.database

C) android.content

D) None

18) **In 2.5 for voice which switching technique is used**

A) Packet Switching

B) Message Switching

C) Circuit Switching

D) Circuit & Packet Switching

19) **In android, mini activities are also known as**

A) Adapter

B) Activity

C) Fragments

D) None

20) **In which of the following tab an error is shown?**

A) Memory

B) ADB Logs

C) Logcat

D) CPU

21) **In which year OHA (Open Handset Alliance) is announced?**

A) 2007

B) 2005

C) 2006

D) None of the above

22) **In which year was the communication in 2G launched in the market?**

A) 1978

B) 1992

C) 1988

D) 1984

23) **iOS Developed by**

A) Microsoft

B) Blackberry

C) Apple

D) Windows

24) **Mobile communication network is also called as _____ network**

A) Cellular network

B) Mobile network

C) 2G network

D) Both A and B

25) **Mobile operating systems (OS) are specialized software that runs on?**

A) Smartphone

B) Tablets

C) Both A and B

D) None of the above

26) **Name of Android 3**

A) Cupcake

B) Honeycomb

C) Lollipop

D) WearOs

27) **On which of the following, developers can test the application, during developing the android applications**

A) Physical android phone

B) Third-party emulators

C) Emulator included in Android SDK

D) **All of the above**

28) **OS of Apple tablets**

A) KaiOS

B) iPadOS

C) LuneOS

D) Tizen

29) **SIM stands for**

A) Singular Information Management

B) Subscriber Integrated Module

C) Subscription Identity Module

D) **Subscriber Identity Module**

30) **Simon was created by?**

A) IBM

B) Microsoft

C) Apple

D) Google

31) **The first Android Tablet was**

A) LG Optimus Pad

B) HTC Flyer

C) Motorola Xoom

D) **Sumsung Galaxy Tab**

32) **The first commercially available smartphone running the Android was by which company?**

A) Sumsung

B) Motorola

C) HTC

D) LG

33) **The full form of ADB is**

A) Android Delete Bridge

B) Android Debug Bridge

C) Android Destroy Bridge

D) Android Developed Bridge

34) **The full form of ANR is**

A) Application not rendering

B) Application not reacting

C) Application not reachable

D) **Application not responding**

35) **The full form of APK is**

A) Android Page Kit

B) Android Phone Kit

C) Android Photo Kit

D) **Android Package Kit**

36) **The services in android can be stopped using which of the following method?**

A) system. Exit() method

B) stopSelf( ) and stopService( ) method

C) finish( ) method

D) end( ) method

37) **Under which of the following Android is licensed?**

A) OSS

B) Sourceforge

C) Apache/MIT

D) None of the above

38) **What Android devices are used in displaying Weather forecasts?**

A) Widgets

B) Interface

C) App Icons

D) None of the above

39) **What does API stand for**

A) Android Programming Interface

B) Android Page Interface

C) Application Page Interface

D) Application Programming Interface

40) **What does SDK acronym for?**

A) Software Design Kit

B) Specific Developed Keys

C) Software Development Kit

D) Stand-alone Deks Kit

41) **What does the server provide when the client sends the request in a distributed system?**

A) Information

B) Data

C) Service

D) None of above

42) **What is a GCM in android?**

A) Goggle Could Messaging for chrome

B) Goggle Count Messaging

C) Goggle Message pack

D) None of the above

43) **What is a mobile device Bluetooth?**

A) A device that can be used for mobile communication

B) A device that can run mobile applications

C) A device that can make phone calls

D) A wireless technology used for short-range communication

44) What is a mobile device GPS?

A) A device that can be used for mobile communication

B) A device that can run mobile applications

C) **A device that is used for location tracking and navigation**

D) A device that can make phone calls

45) What is a mobile device screen resolution?

A) The size of a mobile device screen

B) The brightness of a mobile device screen

C) **The number of pixels on a mobile device screen**

D) The contrast of a mobile device screen

46) What is a mobile device sensor?

A) A device that can be used for mobile communication

B) A device that can run mobile applications

C) **A device that can detect physical changes or movements**

D) A device that can make phone calls

47) What is a mobile hotspot?

A) A mobile device that can connect to Wi-Fi networks

B) **A mobile device that can broadcast its own Wi-Fi network**

C) A mobile device that can connect to cellular networks

D) A mobile device that can connect to Bluetooth networks

48) What is a mobile wallet?

A) A small wallet that can fit in a pocket

B) **A digital wallet that stores payment information**

C) A wallet that can connect to Wi-Fi networks

D) A wallet that can make phone calls

49) What is an IMEI number?

A) **An identifier for a mobile device**

B) An identifier for a mobile app

C) An identifier for a mobile operating system

D) An identifier for a mobile hotspot

50) What is an OS based on Linux developed for mobiles?

A) DOS

B) **Android**

C) Microsoft Windows

D) Ubuntu

51) **What is clicked to perform actions?**

A) Text View

B) Button

C) Image View

D) Edit Text

52) **What is mobile device encryption?**

A) **A process that converts data into a secret code to protect it from unauthorized access**

B) A process that increases the speed of a mobile device's internet connection

C) A process that improves the battery life of a mobile device

D) A process that improves the accuracy of a mobile device's location tracking

53) **What is mobile device storage?**

A) The amount of physical space inside a mobile device

B) he amount of space available for storing files on a mobile device

C) The amount of space available for installing mobile applications on a mobile device

D) **All of the above**

54) **What is SDK**

A) **brings together a group of tools that enable the programming of mobile applications**

B) mobile operating systems

C) mobile OS provides an interface between the device's hardware components and its software functions

D) web browser application

55) **What is splash screen in android?**

A) Initial activity of an application

B) Initial service of an application

C) Initial method of an application

D) **Initial screen of an application**

56) **What is the average uploading speed of 4G LTE network ?**

A) 1-3 Gbps

B) 2-5 Gbps

C) 1-3 Mbps

D) **2-5 Mbps**

57) What is the default value of the orientation attribute in LinearLayout?

A) Horizontal

B) Vertical

C) There is no default value of orientation attribute in LinearLayout

D) None of the above

58) What is the most widely used mobile operating system?

A) Android

B) ios

C) Blackberry OS

D) Both A & B

59) What is the name of the mobile operating system developed by Google?

A) iOS

B) Android

C) Windows Phone

D) BlackBerry OS

60) What is the purpose of the interface in Android?

A) Swiping

B) Tapping

C) Pinching

D) **All Mentioned Above**

61) What shares the information among applications in Android?

A) XML

B) Android Studio

C) Content Provider

D) Virtual Machines

62) Which is the implementation year of 3G

A) 1999

B) 2001

C) 2002

D) 2004

63) Which mobile operating system is considered to be the oldest and most established?

A) iOS

B) Android

C) Windows Phone

D) BlackBerry OS

64) Which mobile operating system is used primarily on Samsung devices?

A) iOS

B) Android

C) Windows Phone

D) BlackBerry OS

65) Which of the following are disadvantages of mobile operating systems

A) Fragmentation

B) Battery Drain

C) Limited Hardware support

D) All of the above

66) Which of the following is not a mobile browser?

A) Google Chrome

B) Yahoo

C) Mozilla Firefox

D) Internet Explorer

67) Which of the following is not a mobile network technology?

A) Ethernet

B) CDMA

C) 4G

D) GSM

68) Which of the following is not a nickname of any android version?

A) Donut

B) Cupcake

C) Honeycomb

D) Muffin

69) Which of the following is the first cellular system developer in the world?

A) Motorola, and Bellcore

B) Qualcomm

C) NTT (Nippon Telephone and Telegraph)

D) None of the mentioned

70) Which of the following is the name of the Android version 1.5?

A) Éclair

B) Froyo

C) Donut

D) Cupcake

71) Which of the following is/are the main uses of the padding system?

A) In making audio calls

B) In sending numeric messages

C) In sending alphanumeric messages

D) All of the mentioned

72) Which of the following mobile apps is commonly used for social networking?

A) Orkut

B) Facebook

C) Twitter

D) LinkedIn

73)   Which of the following mobile apps is used for messaging and voice/video calls?

A) WhatsApp

B) Instagram

C) Snapchat

D) Twitter

74)   Which of the following mobile operating systems is developed by Apple?

A) Android

B) Windows Phone

C) iOS

D) BlackBerry OS

75)   Which of the following protocol enables access to the internet from a mobile device?

A) HTTP (Hypertext Transfer Protocol)

B) WAP (Wireless Application Protocol)

C) 1. ISD (International Subscriber Dialling)

D) TCP/IP (Transmission Control Protocol

76)   Which of the following term is associated with the transportation of a mobile station from one base station to the other?

A) Forward channel

B) MIN

C) Roamer

D) Handoff or hand over

77)   Which of the following wireless technologies is commonly used for mobile communication?

A) Bluetooth

B) Wi-Fi

C) NFC

D) Cellular

78)   Which of these mobile operating systems is considered "open-source," meaning that software developers have more freedom to design and build applications and programs?

A) Android

B) iOS

C) BlackBerry

D) Windows

79)   Which operating system is the Android OS based off of?

A) Mac OSX

B) Linux

C) Unix

D) Windows NT Kernel

80) **Which OS developed by the Linux Foundation**

A) iOS

B) KaiOS

C) LuneOS

D) **Tizen**

81) **Which OS known for its user-friendly interface, strong security features, and a wide range of built-in apps and features?**

A) Android

B) IOS

C) Windows

D) Tizen

82) **Which type of multiplexing enables to use of the whole bandwidth simultaneously?**

A) FDMA

B) TDMA

C) CMDA

D) None of the above

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