Q.1 systems used to track and identify the location of objects in real time

2 points

geographical information system (GIS) Wireless Application Protocol (WAP) Geolocation

Real-time location system (RTLS)

Q.2 automatically identifying a Web user's location

2 points

Voice portal Geolocation sensor network WiMax

Q.3 Computing capabilities embedded into objects around us (mobile and stationary)

pervasive computing ubiquitous computing (ubicom) Context-aware computing Geolocation

2 points

Q.4 short-range radio frequency communication technology for remotely storing and retrieving data using devices called RFID tags and RFID readers

Network-based positioning

Real-time location system (RTLS) radio frequency identification (RFID) Wireless wide area network (WWAN)

2 points

Q.5 a technology that offers Internet browsing from wireless devices

2 points

Real-time location system (RTLS) Wireless wide area network (WWAN) Wireless Local Area Network (WLAN) Wireless Application Protocol (WAP)

Q.6 ability to detect and react to a set of environmental variables that is described as context (which can be sensor info or users' attitudes)

Mobile Portal

Context-aware computing pervasive computing Network-based positioning

2 points

Q.7 - Decentralization- Diversification- Connectivity- Simplicity

2 points

terminal-based positioning Context-aware computing Principles of Pervasive Computing Features of Pervasive Computing

Q.8 There are basic types of chips available on RFID tags.

2 points

Two Three Four Five

Q.9 A reader may have multiple antennas that are responsible for sending and receiving radio waves

TRUE FALSE

2 points

Q.10 Does RFID have the ability to read many tags together at once?

2 points

Yes No

Q.11 The information on read-only chips be changed

2 points

can can not

sometimes none of above

Q. 12 which sensor is LM35?

2 points

Pressure sensor Humidity sensor Temperature sensor Touch sensor

Q. 13 How many pins does temperature sensor have?

2 points

5leg 2leg 3leg 4leg

Q.14 Barometer is which type of sensor

2 points

Pressure sensor Humidity sensor Temperature sensor Touch sensor

Q. 15 Which devices measures gases or liquid?

2 points

Humidity sensor Pressure sensor Temperature sensor Proximity sensor

Q.1 Which of the following is the most commonly used standard for performing synchronization 1

SyncML

SMIL

SML

 None of the mentioned

Q.2 Which of the following data type may be synchronized by SyncML? 1

Files

Memos

Tasks

 All of the mentioned

Q.3 Which of the following protocol is used for transaction monitoring service based on a request/response mechanism? 1

WTP

WTLS

 WDP

All of the mentioned

 Q.4 Which of the following public-key encryption methods is used for the same purpose as TLS? 1

WTP

WTLS

 WDP

All of the mentioned

Q.5 Which of the following provides unreliable data transport data formatting? 1

WTP

WTLS

WDP

WAE

Q.6 UPnP stands for 1

Uniform Plug and Play

Universal Plug and Play

 Unidirectional Plug and Play

Unintended Plug and Play

Q.7 GENA stands for 1

General Event Notification Architecture

Geographical Event Notification Architecture

General Event Nodal Architecture

Geographical Event Nodal Architecture

Q.8 What are the Service Discovery Approaches Adopted by Industry 1

SLP

Upnp

Salutation

Jini

Q.9 Jini is a distributed service discovery system developed by 1

Sun-Microsystems

oracle

IETE

None of these

 Q.10 SSDP stands for

Simple Service Delivery Protocol

Simple Service Discovery Protocol

Sample Service Discovery Protocol

Simple Secure Discovery Protocol

Q.11 The UPnP description for a device is expressed in 1

HTML

 XML

java

php

 Q.12 UPnP description for a device include 1

model name and number,

serial number

manufacturer name,

 URLs to vendor-specific Web sites

Q.13 Control messages are also expressed in 2

HTML

 XML

java

php

 Q.14 SyncML Target Audiences are 2

End users

 Device manufacturers

Service providers

 Application developers

Q. 15 In jini communication between services can be accomplished using

Java RMI 1

WDP

 WTC

Socket

 Q.16 Tick on True statement on jini 2

No system administrator is required

system administrator is required

system administrator done manually

none of these

Q.17 Jini technology includes the following services 2

Lookup Service

Discovery and Join

Entry Interface

 Leasing

Q.18 basic networks elements in the Jini architecture 2

Lookup Service

 Provider

 Service Proxy

 Client

Q.19 What are the components of Ambient services software architecture 2

Ekahau Positioning Engine

Service calculation Engine

 Mobile devices

Web services

Q. 20 basic unit of navigation in HTML is a -------, while that in WML is a ------. 2

page,card

card,page

Q.21 Ambient service software architecture requires 2

Constant connection between EPE and SCE

Loose connection between EPE and SCE

 Constant connection between EPE and mobile devices

Constant connection between EPE and web services

Q.22 Tick on true statement 2

Bearer services are part of WAP protocol stack

 Bearer services are not part of WAP protocol stack