

EXAM3 April 23, (9 PM-2 AM) EST

Due Apr 24 at 2am

Points 100

Questions 33

Available Apr 23 at 9pm - Apr 24 at 2am about 5 hours

Time Limit 70 Minutes

Instructions

Exam3

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	24 minutes	100 out of 100

⚠️Correct answers will be available on Apr 24 at 4am.

Score for this quiz: **100** out of 100
Submitted Apr 23 at 10:01pm
This attempt took 24 minutes.

Question 1

5 / 5 pts

HW3Plus (DeliverableC) required a final report concentrating only on technologies used so far (true, false)

True

False

correct

Question 2**6 / 6 pts**

You have been asked to setup an online purchasing site for a digital magazine service. Identify *two* of the following software systems (components) that are *not* needed to setup this ecommerce site?

- ☐ Online purchasing system
- ☐ Payment system
- ☒ Shipping and receiving system
- ☐ Web browser
- ☒ Inventory management system

Question 3**6 / 6 pts**

How can IT help a Company grow its business (select three correct answers)

- ☒ Reduce costs
- ☐ Reduce efficiency
- ☒ Improve efficiency
- ☒ Improve customer service
- ☐ Increase costs

Question 4**2 / 2 pts**

A network diagnostic system that determines the cause of a network problem and recommends a solution is a (choose one) :

- ☐ drawing tool
- ☐ none of the above.
- ☒ expert system .
- ☐ decision support system

Question 5**2 / 2 pts**

Data mining finds hidden patterns, relationships in large databases and infers rules to determine past behavior (True/False)?

- ☐ True
- ☒ False

Question 6**2 / 2 pts**

Using cloud services automatically makes your company "Smart" (True/False)

☐ True

☒ False

Question 7**2 / 2 pts**

In general, wireless networks are much faster and much more reliable than wired networks (True/False)

☐ True

☒ False

Question 8**2 / 2 pts**

Clickstream tracking tools collect data on customer activities at Web sites (true/false)?

☒ True

☐ False

Question 9**2 / 2 pts**

The SQL Query "Select * from Customers; " will display all attributes (fields) of all rows in the Customers table. True or False.

☒ True

☐ False

Question 10

2 / 2 pts

Data warehouse is a large collection of data from diverse sources

☒ True

☐ False

Question 11

2 / 2 pts

Artificial intelligence (AI) technologies are computer-based systems that emulate human behavior (true, false).

☒ True

Correct

☐ False

Question 12**2 / 2 pts**

A simple expert system for loan approval should at least consist of the following rule : If no income, then deny the loan (True, False)).

☒ True

correct

☐ False**Question 13****2 / 2 pts**

Gamification means adding game features to regular day-to-day activities (true-false)

☒ True

correct

☐ False**Question 14****2 / 2 pts**

Decision support system can be used only at higher levels in organizations (e.g., middle management or executive levels) (true, false)

☐ True

☒ False

correct

Question 15

4 / 4 pts

The following are the key characteristics of an intelligent system (according to Umar Text Chapter 10):

- Knowledge of a subject matter
- Detect a problem or an opportunity
- Adjust accordingly
- Learn to do a better job in the next round

☒ True

correct

☐ False

Question 16

2 / 2 pts

Machine learning also includes deep learning

☒ True

☐ False

Question 17**2 / 2 pts**

Strategic IT plans start with technologies and then consider business need

☐ True

☒ False

Question 18**5 / 5 pts**

The SPACE Extensive Planner supports all of the following (True/False)

- Service Selection
- Country Selection
- IT Infrastructure Planning
- Project Management
- Cost-Benefit Analysis

☒ True

Correct

☐ False

Question 19

1 / 1 pts

ER diagram represents conceptual model of a database

☒ True

☐ False

Question 20

1 / 1 pts

Intranets are used within an organization

☒ True

☐ False

Question 21**2 / 2 pts**

An expert system must have a speech recognition capability

☐ True

☒ False

Question 22**1 / 1 pts**

HTML5 is supported on handsets, laptops and desktops

☒ True

☐ False

Question 23**2 / 2 pts**

Computer Aided Consulting uses a mixture of drawing/documentation tools, decision support tools, and expert systems (true, false)

☒ True

correct

☐ False

Question 24

3 / 3 pts

PIA4 (introduced in Umar Chapter 12) are a good way to establish security requirements

☒ True

☐ False

Question 25

3 / 3 pts

Attack trees is a good way to determine and mitigate security risks

☐ True

☒ False

Question 26

5 / 5 pts

Did you post the Hw3Plus on the Discussion Forum (yes or no)

Note: we can check, please be truthful

☐ No

☒ Yes

Question 27

5 / 5 pts

The SPACE Extensive Planner can be used for all of the following situations/scenarios (True/False)

1. Planning for a health clinic in a country
2. Developing an educational facility in Africa
3. Establishing an ecommerce site
4. Developing the sketch of a Smart City plan
5. Making a flight reservation

☐ True

☒ False

Question 28

6 / 6 pts

Which one of the following techniques are *not* AI techniques (choose 3)

- ☒ storage and retrieval of information
- ☒ calculating total payroll of a small company
- ☐ Rules
- ☐ machine learning
- ☐ Case Based Reasoning
- ☒ Answering a simple question (e.g., where do you live?)
- ☐ Neural Networks
- ☐ Fuzzy Logic

Question 29

8 / 8 pts

which one of the following features will make a computer aided planner "smart" (identify at least 4)

- ☐ Nice graphics
- ☒ Ability to learn to do a better job in the next round
- ☒ Knowledge of a domain (e.g., network)

☐ Good animations

☒ Ability to detect a problem (e.g., missing information)

☐ Nice colors



Ability to adjust based on the situation (e.g., generate a wireless network design for a wireless network)

☐ good sound effects

Question 30

2 / 2 pts

HW3Plus required you to prepare the best final report based only on the technologies learned in this course

☐ True

☒ False

Question 31

5 / 5 pts

Technology architecture diagram of a company *must* include all of the following: computers, databases, applications, networks, marketing strategies and staff salaries (true/false)

☐ True

☒ False

Question 32**3 / 3 pts**

Apple Siri and IBM Watson are examples of expert systems

☒ True

☐ False

Question 33**1 / 1 pts**

Unix is an operating system

☒ True

☐ False

Quiz Score: **100** out of 100