9/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"INTRODUCTION TO R PROGRAMMING"
Conducted from 22nd August 2017 to 06th Sept 2017 by the Department of Computer Science and Engineering during the academic year 2017-2018

Name of the Student: ABDUL mujeeb khan Hall Ticket No. 16081A0502

Date : 06th Sept 2017 Max. Marks: 10 Marks

1. The most convenient way to use R is at a graphics workstation running a _____system. [a]
a. windowing b. running c. interfacing d. matrix

2. Point out the wrong statement? [b]
a. Setting up a workstation to take full advantage of the customizable features of R is a straightforward thing
b. q() is used to quit the R program
c.R has an inbuilt help facility similar to the man facility of UNIX
d.Windows versions of R have other optional help systems also

3. Which of the following will start the R program? [a]
a. $ R b. > R c.* R d. @ R

4. Point out the wrong statement? [c]
a.Windows versions of R have other optional help system also
b.The help.search command (alternatively ??) allows searching for help in various ways
c..R is case insensitive as are most UNIX based packages, so A and a are different symbols and would refer to different variables
d. $ R is used to start the R program

5. Which of the following statement is alternative to _____?solve [a]
a. help(solve) b. bind(solve) c. print(solve) d. matrix(solve)
View Answer

6. Elementary commands in R consist of either _____ or assignments.[c]
a.utilstats b. language c. expressions d. packages
View Answer

7. _____ text editor provides more general support mechanisms via ESS for working interactively with R. [b]
a. EAC b.Emacs c.Shell d. ECAP

8. R language is a dialect of which of the following languages?[a]
a.S b. C c. MATLAB d. SAS

9.What is the function to set row names for a data frame? [a]
a. row.names() b. colnames() c. col.names() d. column name cannot be set for a data frame

10.Advanced programmers can write _____ code to manipulate R objects Python[d]
a. C b. JavaScript c. Java d. View Answer

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

8/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"MOBILE APPLICATION DEVELOPMENT"
Conducted from 30th Oct 2017 to 15th Nov 2017 by the Department of Computer Science and Engineering during the academic year 2017-2018

Name of the Student: Adil Haneef Hall Ticket No. 1508A05072

Date : 15th Nov 2017 Max. Marks: 10 Marks

1. What is a correct statement about an XML layout file? [b]
a. A layout PNG image file b. A file used to draw the content of an Activity
c. A file that contains all application permission information
d. A file that contains a single activity widget.

2. What does the src folder contain?[c]
a. Image and icon files b. XML resource files
c. The application manifest file d. Java source code files

3. Which file specifies the minimum required Android SDK version your application supports?[d]
a. main.xml b. R.java c. strings.xml d. AndroidManifest.xml

4. What is the parent class of all Activity widgets?[c]
a. ViewGroup b. Layout c. View d. Widget
5. Which configuration file holds the permission to use the internet?[c]
a. Layout file b. Property file c. Java source file d. Manifest file

6. What does the following line of code achieve?Intent intent = new Intent(FirstActivity.this,SecondActivity.class);[d]
a. Creates an hidden Intent b. Creates an implicit Intent
c. Create an explicit Intent d. Starts an activity.

7. Which of the following is NOT a valid usage for Intents?[d]
a. Activate and Activity b. Activate a Service
c. Activate a Broadcast receiver d. Activate a SQLite DB Connection.

8. Which of the following is not a valid Android resource filename?[b]
a. mylayout.xml b. myLayout.xml c. my_layout.xml d. mylayout1.xml
9. Which of these is not defined as a process state?[a]
a. Non-visible b. Visible c. Foreground d. Background

10. What is the name of the folder that contains the R.java file?[d]
a. src b. res c. bin d. gen

Shadan College of Engineering & Technology * Peeran Cheru * Hyderabad-86, T.S. College Code: 80

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

8/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"DATA MINING & TOOLS"

Conducted from 16th Oct 2017 to 30th Oct 2017 by the Department of Computer Science and Engineering during the academic year 2017-2018

Name of the Student: Mohd Irshad Hall Ticket No. 140P1A0509.

Date : 30th Oct 2017 Max. Marks: 10 Marks

1. The problem of finding hidden structure in unlabeled data is called [c]
A. Supervised learning B. Unsupervised learning C. Reinforcement learning D. None

2. Task of inferring a model from labeled training data is called [d]
A. Unsupervised learning B. Supervised learning C. Reinforcement learning D. None

3. Some telecommunication company wants to segment their customers into distinct groups in order to send appropriate subscription offers, this is an example of [d]
A. Supervised learning B. Data extraction C. Serration D. Unsupervised learning

4. Self-organizing maps are an example of [a]
A. Unsupervised learning B. Supervised learning
C. Reinforcement learning D. Missing data imputation

5. You are given data about seismic activity in Japan, and you want to predict a magnitude of the next earthquake, this is in an example of [a]
A. Supervised learning B. Unsupervised learning C. Serration D. Dimensionality reduction

6. Assume you want to perform supervised learning and to predict number of newborns according to size of storks' population [b]
A. Classification B. Regression C. Clustering D. Structural equation modeling

7. Discriminating between spam and ham e-mails is a classification task, true or false? [a]
A. True B. False

8. In the example of predicting number of babies based on storks' population size, number of babies is [a]
A. outcome B. feature C. attribute D. observation

9. It may be better to avoid the metric of ROC curve as it can suffer from accuracy Paradox
A. True B. False [b]

10. which of the following is not involve in data mining? [d]
A. Knowledge extraction B. Data archaeology C. Data exploration D. Data transformation

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL Shadan College of Engineering & Technology Peeran Cheru, Hyderabad-86, T.S. College Code: 08

10/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"CLOUD COMPUTING"

Conducted from 7th May 2018 to 2nd June 2018 by the Department of Computer Science and Engineering during the academic year 2017-2018

Name of the Student: Nasra fatima Hall Ticket No. 170810508.

Date : 2nd June 2018 Max. Marks: 10 Marks

1) Name the computing which was considered as a driving force behind cloud computing. [b]
a. Peer to peer b. Collaborative c. Distributed d. Client/server

2) SoD Stands for _____ [a]
a. Segregation of Duties b. Separation of Duties
c. Segment of Deployment d. Segregation of Deployment

3) _____ is the agreement with an individual customer group by covering all the services they utilize [a]
a. Customer based b. service-based c. Level based d. customer level based

4) SLA is a contract that specifies only the type of service which you are going to avail from providers. [b]
a.True b.False

5) A M management business review responsible for helping you in ___. [d]
a. Planning b. executing c. Evaluating d. All the above

6) Customers expectation for provisioning extra service to be [d]
a. immediate b. automatic c. effortless d. All the above

7) Private cloud computing cost productivity depends on ___ [d]
a. Economies of scale b. Higher workload density
c. Dynamic management d. All the above

8) Hyperic HQ is also referred to as ___ [a]
a. private cloud b. public cloud c. hybrid cloud d. None of the above

9) _____ search engine uses heavy cloud processing to bring detailed searches to handheld device [a]
a. Microsoft's mobile phone b. Picnik c. Evernote d. Jooce

10) The Open Cloud Computing Interface Group (OCCI), formed in the year [a]
a. 2009 b. 2007 c. 2003 d. 2010

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

Md Mueez
PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

9/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"INTRODUCTION TO R PROGRAMMING"

Conducted from 16th oct 2017 to 30th Oct 2017 by the Department of Information Technology and Engineering during the academic year 2017-18

Name of the Student: ABDUL Javid Kha Hall Ticket No. 160819207

Date : 30th Oct 2017 Max. Marks: 10 Marks

1_____ text editor provides more general support mechanisms via ESS for working interactively with R. [a]
a.EAC b. Emacs c. Shell d. ECAP

2) Which of the following statement is alternative to _____?solve [a]
a.help(solve) b. bind(solve) c. print(solve) d. matrix(solve)

3) Elementary commands in R consist of either _____ or assignments. [c]
a.utilstats b. language c. expressions d. packages

4) Advanced programmers can write _____ code to manipulate R objects.
Python[a]
a. C b. JavaScript c. Java d. View Answer

5. The most convenient way to use R is at a graphics workstation running a _____system. [a]
a. windowing b. running c. interfacing d. matrix

6. Point out the wrong statement? [b]
a. Setting up a workstation to take full advantage of the customizable features of R is a straightforward thing b. q() is used to quit the R program
c.R has an inbuilt help facility similar to the man facility of UNIX
d.Windows versions of R have other optional help systems also

7. Which of the following will start the R program? [a]
a. $ R b. > R c.* R d. @ R

8. Point out the wrong statement? [c]
a.Windows versions of R have other optional help system also
b.The help.search command (alternatively ??) allows searching for help in various ways
c..R is case insensitive as are most UNIX based packages, so A and a are different symbols and would refer to different variables
d. $ R is used to start the R program

9.What is the function to set row names for a data frame? [a]
a. row.names() b. colnames() c. col.names() d. column name cannot be set for a data frame

10.Advanced programmers can write _____ code to manipulate R objects Python[b]
a. C b. JavaScript c. Java d. View Answer

Shadan College of Engineering & Technology, Hyderabad-86, T.S. College Code: 08

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

9/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"MOBILE APPLICATION DEVELOPMENT"
Conducted from 22nd Aug 2017 to 06th Sept 2017 by the Department of Information Technology and Engineering during the academic year 2017-18

Name of the Student: Nilopen Hall Ticket No. 15081A1204

Date : 06th Sept 2017 Max. Marks: 10 Marks

1

1. What method you should override to use Android menusystem?[a]
a. onCreateOptionsMenu() b. onCreateMenu()
c. onMenuCreated() d. onCreateContextMenu()

2. What Activity method you use to retrieve a reference to an Android view by using the id attribute of a resource XML?[c]
a. findViewByReference(int id); b. findViewById(int id)
c. retrieveResourceById(int id) d. findViewById(String id)

Q3. Which of the following is not an Android component (i.e. a point from which the system can enter your application)?[c]
a. Service b. Activity c. Layout d. Content Provider

4. During an Activity life-cycle, what is the first callback method invoked by the system?[c]
a. onStop() b. onStart() c. onCreate() d. onRestore()

Q5. Which configuration file holds the permission to use the internet?[d]
a. Layout file b. Property file c. Java source file d. Manifest file

Q6. What does the following line of code achieve?Intent intent = new Intent(FirstActivity.this,SecondActivity.class);[d]
a. Creates an hidden Intent b. Creates an implicit Intent
c. Create an explicit Intent d. Starts an activity.

Q7. Which of the following is NOT a valid usage for Intents?[d]
a. Activate and Activity b. Activate a Service
c. Activate a Broadcast receiver d. Activate a SQLite DB Connection.

Q8. Which of the following is not a valid Android resource filename?[b]
a. mylayout.xml b. myLayout.xml c. my_layout.xml d. mylayout1.xml

Q9. Which of these is not defined as a process state?[a]
a. Non-visible b. Visible c. Foreground d. Background

10. What is the name of the folder that contains the R.java file?[d]
a. src b. res c. bin d. gen

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

Md Iftaq
PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

10/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"DATA MINING & TOOLS"

Conducted from 30th Oct 2017 to 15th Nov 2017 by the Department of Information Technology and Engineering during the academic year 2017-18

Name of the Student: Mohd Mudassir Qazi Hall Ticket No. 16081D7812

Date : 15th Nov 2017 Max. Marks: 10 Marks

1. A bi-directional search takes advantage of ___ process [d]
a. Bottom-up process b. Top-down process c. None d. Both a & b

2. Any subset of a frequent set is a frequent set is [a]
A. Downward closure property B. Upward closure property C. A and b D.None

3. The Fp-tree Growth algorithm was proposed by [c]
a. Srikant b. Aggrawal c. Hanetal d. None of these

4.priori algorithm operates in ___ method [d]
a. Bottom-up search method b. Breadth-first search method c. None of above d. Both a & b

5. The problem of finding hidden structure in unlabeled data is called [b]
A. Supervised learning B. Unsupervised learning C. Reinforcement learning D. None

6) Some telecommunication company wants to segment their customers into distinct groups in order to send appropriate subscription offers, this is an example of [d]
A. Supervised learning B. Data extraction C. Serration D. Unsupervised learning

7) In the example of predicting number of babies based on storks' population size, number of babies is [a]
A. outcome B. feature C. attribute D. observation

8) Self-organizing maps are an example of [a]
A. Unsupervised learning B. Supervised learning
C. Reinforcement learning D. Missing data imputation

9)Task of inferring a model from labeled training data is called [b]
A. Unsupervised learning B. Supervised learning C. Reinforcement learning D. None

10) Discriminating between spam and ham e-mails is a classification task, true or false? [a]
A. True B. False

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

Chaguan

Md

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

9/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"CLOUD COMPUTING"

Conducted from 7th May 2018 to 2nd June 2018 by the Department of Information Technology and Engineering during the academic year 2017-18

Name of the Student: MD imran Hall Ticket No. 160817B807

Date : 2nd June 2018 Max. Marks: 10 Marks

1) Cloud computing should follow [d]
a. World-class security b. True multitenancy c. Proven scale d. All the above

2) _____ is an international standard having high security component in computer. [a]
a. Trusted network connect b. Trusted storage
c. Trusted platform module d. None of the above

3) Cloud computing is a kind of abstraction which is based on the notion of combining physical resources and represents them as _____resources to users. [c]
a) Real b) Cloud c) Virtual d) none of the mentioned

4) Which one of the following cloud concepts is related to sharing and pooling the resources?
a) Polymorphism b) Virtualization c) Abstraction d) none of the mentioned [b]

5) _____ search engine uses heavy cloud processing to bring detailed searches to handheld device [a]
a. Microsoft's mobile phone b. Picnik c. Evernote d. Jooce

6) Hyperic HQ is also referred to as ___ [a]
a. private cloud b. public cloud c. hybrid cloud d. None of the above

7) A M management business review responsible for helping you in ___. [d]
a. Planning b. executing c. Evaluating d. All the above

8) _____ is the agreement with an individual customer group by covering all the services they utilize [c]
a. Customer based b. service-based c. Level based d. customer level based

9) Name the computing which was considered as a driving force behind cloud computing. [b]
a. Peer to peer b. Collaborative c. Distributed d. Client/server

10) Customers expectation for provisioning extra service to be [d]
a. immediate b. automatic c. effortless d. All the above

Shadan College of Engineering & Technology College Code: 08

Shadan College of Engineering & Technology Peeran Cheru, Hyderabad-86, T.S. College Code: 08

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

10/10

DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) - Autocad

CONDUCTED FROM 13-11-2017 to 28-11-2017ACADEMIC YEAR 2017-18

DATE: 28-11-2017 **MAX MARKS: 10**

Student Name: M. A SHOEB

HALL TICKET NO	1	6	0	8	1	A	0	3	0	7

1. Which of the following is NOT a unit of length measurement? [D]

A. Yards

B. Parsecs

C. Microns

D. Grads

2. What does the command Wblock [B]

A. Warp-speed block

B. Write block

C. Window block

D. Wide-area block

3. Is 330 degrees same as -30 degrees in a drawing? [A]

A. True

B. False

4. Where should you pay attention when you are working with autocad commands? [O]

A. Drawing area

B. Status bar

C. Tool bars

D. Command window

5. Polar coordinates are used mostly for drawing_____ [C]

A. Arc

B. Ellipse

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

C. Angular lines

D. None of the above

6. How many SNAP points does an object have? [D]

A. 1

B. 4

C. 5

D. Depend on object

7. How many points do you need to define for the rectangle command? [B]

A. One

B. Two

C. Three

D. Four

8. How many AutoCAD objects are in a rectangle? [A]

A. One

B. Two

C. Three

D. Four

9. How will you deselect an object while you are selecting set of objects? [B]

A. Ctrl+ click on the object to be removed

B. Shift + Click on the object to be removed

C. Alt + Click on the object to be removed

D. None of the above

10.How long will a line from 0,5 to 5,5 be _____ [C]

A. 10 units

B. 5 units

C. 15 units

D. None of the above

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) – HVAC

CONDUCTED FROM 16-08-2017to 31-08-2017-ACADEMIC YEAR 2017-18

DATE: 31-08-2017 **MAX MARKS: 10**

10/10

Student Name: MD Mois

HALL TICKET NO	1	5	0	9	1	A	0	3	1	8

1. One tonnerefrigareting machine means..... [ ] D

A.Onetonne is the total mass of the machine

B.Onetonne of refrigerant is used

C.Onetonne of water can be converted into ice

D.Onetonne of ice when melts from at 0^0C in 24 hours,the refrigeration effect produced is equivalent to 210 kJ/min

2. During a refrigeration cycle,heat is rejected by the refrigerant in a..... [] B

A.Condenser

B.Compressure

C.Evaporator

D.Expansion valve

3. Air refrigerator works on..... [] E

A. Carnot cycle

B.Rankine cycle

C.Reversedcarnot cycle

D.Bell-Coleman cycle

E.Both C and D

4. The conditioned air supplied to the room must have the capacity to take up..... [] C

A.Room sensible heat load only

B.Room latent heat load only

C.Both B and C

5-Subcooling is a process of cooling the refrigerant in vapour compression refrigeration system before: [] D

(A) evaporation

(B) throttling

(C) condensation

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL

Shadan College of Engineering & Technology

Peeran Cheru, Hyderabad-86, T.S.

College Code: 08

(D) compression

6-Pump down the system for: [ ] D
(A) more cooling effect

(B) to check compressor efficiency

(C) gas charging

(D) to attend maintenance in low side

7-The COP of a domestic air conditioning in comparison to domestic refrigerator will be: [] C
(A) same

(B) less

(C) more

(D) depends upon weather conditions

8)Amount of heat required to raise the temperature of one unit of substance through 1 degree is called: [] D

(A) C.H.U.

(B) B.T.U.

(C) Calorie

(D) Specific heat

9)Process of changing solid into vapour state without passing through liquid state is: [] B
(A) super heating

(B) sublimation

(C) subcooling

(D) triple point

10)The function of duct in air conditioning unit is: [] D
(A) air cooling

(B) air cleaning

(C) air drying

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

Md Shafiq

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad 86, T.S.
College Code: 08

9/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"8051 MICROCONTROLLER PROGRAMMING & ITS APPLICATIONS"

Conducted from 7th May 2018 to 18th May 2018

by the Department of ELECTRONICS & COMMUNICATION during the academic year 2017-18

Name of the Student: Summiya Sabeen Hall Ticket No. 160810D5501

Date : 24/06/ Max. Marks: 10 Marks

1) Which operations are performed by the bit manipulating instructions of boolean processor?

a. Complement bit
b. Set bit
c. Clear bit
d. All of the above

(d) ✓

2) Which data memory control and handle the operation of several peripherals by assigning them in the category of special function registers?

a. Internal on-chip RAM
b. External off-chip RAM
c. Both a & b
d. None of the above

(a) ✓

3) Why is the speed accessibility of external data memory slower than internal on-chip RAM?

a. Due to multiplexing of lower order byte of address-data bus
b. Due to multiplexing of higher order byte of address-data bus
c. Due to demultiplexing of lower order byte of address-data bus
d. Due to demultiplexing of higher order byte of address-data bus

(a) ✓

4) Which control signal/s is/are generated by timing and control unit of 8051 microcontroller in order to access the off-chip devices apart from the internal timings?

a. ALE
b. PSEN
c. RD & WR
d. All of the above

(d) ✓

5) Which register usually store the output generated by ALU in several arithmetic and logical operations?

a. Accumulator
b. Special Function Register
c. Timer Register
d. Stack Pointer

(a) ✓

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S.

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

6) Why is CHMOS technology preferred over HMOS technology for designing the devices of MCS-51 family?

a. Due to higher noise immunity
b. Due to lower power consumption
c. Due to higher speed
d. All of the above

(d)

7) prove to prefer the EPROM/ROM versions for mass production in order to prevent the external memory connections?

a. size of code < size of on-chip program memory
b. size of code > size of on-chip program memory
c. size of code = size of on-chip program memory
d. None of the above

(b)

8) Which among the below mentioned devices of MCS-51 family does not possess two 16 - bit timers/counters?

a. 8031
b. 8052
c. 8751
d. All of the above

(b)

9) Which characteristic/s of accumulator is /are of greater significance in terms of its functionality?

a. Ability to store one of the operands before the execution of an instruction
b. Ability to store the result after the execution of an instruction
c. Both a & b
d. None of the above

(c)

10) Which general purpose register holds eight bit divisor and store the remainder especially after the execution of division operation?

a. A-Register
b. B-Register
c. Registers R0 through R7
d. All of the above

(b)

Md Hameed
PRINCIPAL
Shadan College of Engineering & Technology
Peerancheru, Hyderabad-86, T.S.
College Code: U8

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"DIGITAL ELECTRONICS APPLICATIONS"

Conducted from 22nd August 2017 to 06th September 2017

by the Department of ELECTRONICS & COMMUNIICATION during the academic year 2017-18

Name of the Student: IMRAN Ahmed Khan Hall Ticket No. 170854A0401

Date : Max. Marks: 10 Marks

1) Which number system has a base 16

a. Hexadecimal
b. Octal
c. Binary
d. Decimal

(a)

2) What is a digital-to-analog converter?

a. It stores digital data on the computer.
b. It converts alternating current (AC) into direct current (DC).
c. It converts electrical power into mechanical power.
d. It takes the digital data from an audio CD and converts it to a useful form.

(d)

3) The following hexadecimal number (1E.43)16 is equivalent to

a. $(36.506)_8$
b. $(36.206)_8$
c. $(35.506)_8$
d. $(35.206)_8$

(b)

4) How many entries will be in the truth table of a 4-input NAND gate?

a. 6
b. 8
c. 32
d. 16

(c)

5) How many bits are needed to store one BCD digit?

a. 2 bits

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

Md Ittu PRINCIPAL Shadan College of Engineering & Technology Peeran Cheru, Hyderabad-86, T.S. College Code: 08

10/10

b. 4 bits

c. 3 bits

d. 1 bit

6) Convert $(312)_8$ into decimal

a. $(201)_{10}$

b. $(202)_{10}$

c. $(203)_{10}$

d. $(204)_{10}$

7) A SCR (Silicon Controlled Rectifier) is a

a. Device with 3 junctions

b. Device with 2 junctions

c. Device with 1 junction

d. Device with 4 junctions

8) Which semiconductor device is not a current triggering device?

a. TRIAC

b. MOSFET

c. GTO

d. Thyristor

9) Which of these sets of logic gates are known as universal gates?

a. XOR, NAND, OR

b. OR, NOT, XOR

c. NOR, NAND, XNOR

d. NOR, NAND

10) What is the addition of the binary number 101001+ 010011=?

a. 010100

b. 111100

c. 000111

d. 101110

PRINCIPAL
Sphoorthy Engineering College of Engineering & Technology
Peerzadiguda, Hyderabad-86, T.S.
College Code: 08

8/10

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"ADVANCE CONTROL SYSTEMS"

Conducted from 13th June 2016 to 25th June 2016

by the Department of ENGLISH during the academic year 2015-16

Name of the Student: Abeeb Sayed ABS Hall Ticket No. 15081A0401

Date : Max. Marks: 10 Marks

1) Which number system has a base 16

a. Hexadecimal
b. Octal
c. Binary
d. Decimal

(b)

2) What is a digital-to-analog converter?

a. It stores digital data on the computer.
b. It converts alternating current (AC) into direct current (DC).
c. It converts electrical power into mechanical power.
d. It takes the digital data from an audio CD and converts it to a useful form.

(a)

3) The following hexadecimal number (1E.43)16 is equivalent to

a. $(36.506)_8$
b. $(36.206)_8$
c. $(35.506)_8$
d. $(35.206)_8$

bb

4) How many entries will be in the truth table of a 4-input NAND gate?

a. 6
b. 8
c. 32
d. 16

bb

5) How many bits are needed to store one BCD digit?

a. 2 bits

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad
College Code:

Shadan College of Engineering & Technology
College Code: 08

b. 4 bits

c. 3 bits

d. 1 bit (d)

6) Convert $(312)_8$ into decimal

a. $(201)_{10}$

b. $(202)_{10}$

c. $(203)_{10}$

d. $(204)_{10}$ (b)

7) A SCR (Silicon Controlled Rectifier) is a

a. Device with 3 junctions

b. Device with 2 junctions

c. Device with 1 junction

d. Device with 4 junctions (c)

8) Which semiconductor device is not a current triggering device?

a. TRIAC

b. MOSFET

c. GTO

d. Thyristor (c)

9) Which of these sets of logic gates are known as universal gates?

a. XOR, NAND, OR

b. OR, NOT, XOR

c. NOR, NAND, XNOR

d. NOR, NAND (b)

10) What is the addition of the binary number 101001+ 010011=?

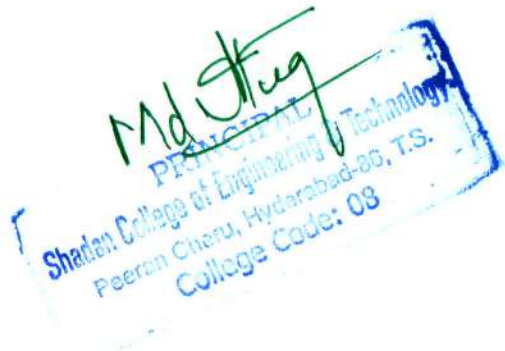
a. 010100

b. 111100

c. 000111

d. 101110 (a)





SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Peerancheru, Himayat Sagar Road, Hyderabad

ABDUL JABBAR
160814 0101

Assessment of the Certificate Program (Add On)

3D AUTOCAD

(Conducted from 5-06-2018 TO 26-06-2018 by CIVIL department During The Academic Year 2017-2018

1.The Press-Pull tool will _____ the face of a solid model in the direction it faces. [B]

A. taper

B. extrude

C. spiral

D. none of the above

2.The View toolbar will position the view of the 3-D solid toward the _____. [D]

A. front

B. left side

C. SE isometric

D. all of the above

. 3. The Free Orbit tool is found on the ____ toolbar .[C]

A. rotate

B. move

C. modify

D. 3-D Move

4.A cylinder can be created by drawing a rectangular shape then the _____ tool. [D]

A. Revolve

B. Sweep

C. Extrude

D. none of the above

5.. The MASSPROP shortcut will provide the following information. [D]

A. mass

B. volume

C. bounding box

D. all of the above

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

160811A0147. Syed Ishaq.

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
Peerancheru, Himayat Sagar Road, Hyderabad

Assessment of the Certificate Program (Add On)

3D MAX

(Conducted from 9-05-2018 TO 29-05-2018 by CIVIL department During The Academic Year 2017-2018

9/10

1. a type of geometric model of a three-dimensional object in which the basic shape is made up of points, or vertices, connected by edges [d]

a. Maps

b. NTSC

c. SMPTE

d. Mesh

2. Which comprises six user-interface panels that give you access to most of the modeling features of 3ds Max, as well as some animation features, display choices, and miscellaneous utilities. [d]

a. Material

b. Render

c. Frame Rate

d. Command Panel

3. Which is a type of deformable object. It provides controls for manipulating a mesh object made up of triangular faces as an object and at three sub-object levels: vertex, edge and face . [C]

a. Element

b. Keyframes

c. Editable Mesh

d. Title Bar

4. _____ is a polygonal mesh; that is, unlike an editable mesh, it uses more than three-sided polygons. [C]

a. Viewport

b. Title Bar

c. Editable Poly

d. Editable Mesh

5. which Displays animation keys and frame numbers, can be "scrubbed" to quickly view the results of the animation created. [C]

a. Tile

b. Title Bar

c. Time Slider

d. Render

Shadan College of Engineering & Technology ★ Peeran Cheru ★ College Code 08 Hyderabad-86, T.S.

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S
College Code: 08

6. which is the color that an object reflects when illuminated by "good lighting." Also referred to as its natural color. [d]

a. Editable Poly

b. Title Bar

c. Specular color

d. Diffuse Color

7. what is called when Two dimensional view of an object , as seen from the Top, Bottom, Front, Back, Left, or Right. [a]

a. Isometric View

b. Orthographic Views

c. Modifiers

d. Perspective View

8. Which is a type of helper object you can create whenever you need a local reference grid or construction plane somewhere other than the home grid. [a]

a. Grid Object

b. Object

c. Sub-object

d. Grids

9. which provides quick access to tools and dialog boxes for many of the most common tasks in 3DS Max. [d]

a. Status Bar

b. Title Bar

c. Menu Bar

d. Main Toolbar

10. What is the display area of the user interface that allows you to view and manipulate the modifiers on an object. [b]

a. Title Bar

b. Modifier Stack

c. Material

d. Modifiers

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Peerancheru, Himayat Sagar Road, Hyderabad

Assessment of the Certificate Program (Add On)

SIX SIGMA

(Conducted from 08-05-2018 to 24-05-2018 by MBA department during the Academic Year 2017-18)

NAME OF THE STUDENT: ABDUL RAHEEM .
HALL TICKET NO.: 17081E0001

8/10

DATE: 24-05-2018
MAX MARKS: 10

1-Who is considered to be the father of Six Sigma? [A]
(A) Bill Smith
(B) Walter Shewhart
(C) Jack Welch
(D) None of the above

2-The concept of Six Sigma was developed by the following company. [B]
(A) General Electric
(B) Motorola
(C) Honeywell
(D) DuPont

3-Six Sigma strategies seek to improve the quality of the output of a process by [D]
(A) Identifying the causes of defects
(B) Removing the causes of defects
(C) Minimizing variability in manufacturing
(D) All of the above

4-Processes that operate with "six sigma quality" over the short term are assumed to produce long-term defect levels below ___ defects per million opportunities (DPMO) [B]
(A) 2.4
(B) 3.4
(C) 4.4
(D) 5.4

5-The aim of Six Sigma initiative is to [C]
(A) Reduce cost
(B) Improve quality
(C) Both (A) and (B)
(D) None of the above

6-Combination of Six Sigma and Lean manufacturing is known as [B]
(A) Advanced Six Sigma
(B) Lean Six Sigma
(C) Operational Six Sigma
(D) None of the above

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

7-The first standard published by the International Standard Organization (ISO) defining a Six Sigma process. [C]

(A) ISO 13053:2009
(B) ISO 13053:2010
(C) ISO 13053:2011
(D) ISO 13053:2012

8-Six Sigma project follows the following project methodology(ies) [C]

(A) DMAIC
(B) DMADV
(C) Both (A) and (B)
(D) None of the above

9-"DMAIC" is used for projects aimed at [C]

(A) Improving an existing business process
(B) Creating new product or process designs
(C) Both (A) and (B)
(D) None of the above

10-"DMAIC" is used for projects aimed at [C]

(A) Improving an existing business process
(B) Creating new product or process designs
(C) Both (A) and (B)
(D) None of the above

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

SHADAN COLLEGE OF ENGINEERING & TECHNOLOGY

Permitted by Govt.of.TS, Approved by AICTE and Affiliated to J.N.T.U Hyderabad

ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"FUNDAMENTALS OF MATHEMATICS"

Conducted from 2nd Jan 2018to 19th Jan 2018

by the Department of Mathematics during the academic year 2017-18

8/10

Name of the Student: Abdul Qaffar Baig Hall Ticket No. 170810101

Date : 19/01/2018 Max. Marks: 10 Marks

1. Commutative Property of addition is ----------
1) a+b = b+a 2) a –b = b –a 3) 2a= 3b 4) None [1]

2. Additive Identity property of addition is =----------
1) a+0 = b 2) a+0 =a 3) a - 0 =a 4) None [3]

3. The roots of Quadratic Equation x^2 - 3x+2 = 0 is =----------
1) 1,2 2) 1,-1 3)-1,2 4) None [1]

4. Convert 26_{10} into a Binary Numbers = ----------
1) $(110101)_2$ 2) $(11010)_3$ 3) $(1100)_3$ 4) None [2]

5. Convert 65_{10} into a Decimal Number = ----------
1) $(103)_8$ 2) $(102)_3$ 3) $(171)_4$ 4) $(101)_8$ [4]

6. Change 4 yards to feet = ----------
1) 1 ft 2) 12 ft 3) 36 ft 4) None [2]

7. What is the area of a Triangle with a base of 24 inches and a height of 12 inches =--------[1]
1)12 sq. ft 2) 1 sq.ft 3) 24 sq.ft 4) 144 sq.ft

8. Change 18 inches to yards is = ----------
1) $\frac{1}{2}$ yd 2) $\frac{3}{4}$ yd 3) $\frac{5}{2}$ yd 4) $\frac{4}{3}$ yd [2]

9. The roots of x^4 -5x^2 +4 =0 is ----------
1)2,2,1,3 2)2,-2,1,-1, 3) 7.6.-1,2 4)None [2]

10. What is the area of a Circular region whose diameter is ----------
1)36π sq cm 2) 6π sq cm 3) 12π sq cm 4) 9π sq cm [4]

College of Engineering & Technology College Code: 08 Hyderabad, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08

SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY
PEERANCHERU, R.R.District – 500008 (T.S)

17-18 10/10

Certificate Program and Training 2016-17

Subject: Photovoltaic System **Duration: 30 min**

Student name: Abrar Ahmed **Hall Ticket No** | 1 | 6 | 0 | 8 | 1 | A | 0 | 2 | 0 | 2 |

Answer All Questions. Each Questions Carry Equal Marks

1) Solar cells are made of..... [A]
A. Silicon B. Germanium C. Aluminium D. Technicium

2) The output of a solar cell is of the order of [A]
A. 1 W B.10W C.100W D.0.001W

3) How much irradiance is generally received by the earth at the top of atmosphere [A]
A. 1353W/sq.m B.1353Wh/sq.m C.1.8kWh/sq.m D.1TW/sq.m

4) What is the years shortest day [D]
A. June 22 B. February 28 C. June 21 D. December 21

5) Which of these is not a Silicon PV cell type [D]
A. Mono Crystalline B. Polycrystalline C. Amorphous Si D. Liquid electrolytic

6) What is the efficiency of Poly Crystalline Silicon PV cells [B]
A. 5-10% B.12-18% C.11-14% D.30-40%

7) What is the AirMass value at STC? [A]
A. 1.5 B.2.0 C.1.3 D.1

8) The maximum theoretical power output of a PV cell is [B]
A. Vmax*Imp B. Voc*Isc C. Voc*Imp D. None of these

9) The source of energy for satellite is ..... [A]
A. solar cell B. Battery C. Internal Combustion Engine D. Steam Engine

10) The nearest point of the earth from sun is [A]
A. Perihelion B.Apihelion C.Equinox D. Solistice

Shadan College of Engineering & Technology College Code: 08 Hyderabad-86, T.S. Peeran Cheru

PRINCIPAL
Shadan College of Engineering & Technology
Peeran Cheru, Hyderabad-86, T.S.
College Code: 08