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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Internet of Things"

Conducted from 01-june-2019 to 06-june-2019 by the Department of Computer Science and Engineering during the academic year 2018-19

Name of the Student: ABDUL MATEEN Khan Hall Ticket No. 180810801

Date : 06-june-2019 Max. Marks: 10 Marks

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1) Which layer is called a port layer in OSI model: [a]
a. Session b. Application c. Presentation d. Transport

2) Each IP packet must contain: [d]
a. Only Destination IP Address b. Only Source IP Address
c. None of Above d. Source and destination IP Addresses

3) what is Secure Shell (SSH): [c]
a. A router b. A firewall c. A network protocol d. Python Shell

4) What does VNC stand for [b]
a. Various Network computers b. Virtual Network Computing
c. None of the above d. Virtual Network Communication

5)What is the minimum value which an application shall exceed to be offloaded? [b]
a) Static value b)Threshold value c)Dynamic value d) Critical value

6) Which one out of these is not a data link layer technology: [d]
a) Bluetooth b) UART c) WiFi d) HTTP

7).Which transport layer protocols is used by DHCP? [d]
a) RSVP b) TCP c) DCCP d) UDP

8) Frequency band used by 802.11 ah standard is: [c]
a. 60 GHz b. 2.4 GHz c. Sub 1 GHz d. 5 GHz

9) Which one is simplest form of analytics [b]
a. Predictive b. Descriptive c. All of the mentioned d. Prescriptive

10) HTTP resources are located by [d]
a. unique resource locator b. unique resource identifier
c. none of the mentioned d. uniform resource identifier

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Cyber Safety and Security in the Digital World"

Conducted from 29-oct-2018 to 13-Nov-2018 by the Department of Computer Science and Engineering during the academic year 2018-19

Name of the Student: Mohammed Oman Hall Ticket No. 190811D5801

Date : 13-Nov-2018 Max. Marks: 10 Marks

1) In which of the following, a person is constantly followed/chased by another person or group of several people[C]
a. Phishing b. Bulling c. Stalking d.Identity theft

2) Which one of the following can be considered as the class of computer threat[A]
a. Dos Attack b. Phishing c . Soliciting d.Both A and C

3) Which of the following usually observe each activity on the internet of the victim, gather all information in the background, and send it to someone [C]
a. Malware b. Spyware c. Adware d.All of the above

4) Why are the factors like Confidentiality, Integrity, Availability, and Authenticity considered as the fundamentals ? [C]
a. They help in understanding the hacking process
b. These are the main elements for any security breach
c. They help to understand the security and its components in a better manner
d. All of the above

5) In the CIA Triad, which one of the following is not involved ?[C]
a. Availability b. Confidentiality c . Authenticity d .Integrity

6) Which of the following statements is true about the Trojans?[A]
a .Trojans perform tasks for which they are designed or programmer
b Trojans replicates them self's or clone them self's through an infections
c . Trojans do nothing harmful to the user's computer systems
d. None of the above

7) The term "CHAP" stands for _____[C]
a.Circuit Hardware Authentication Protocols b.Challenge Hardware Authentication Protocols
c. Challenge Handshake Authentication Protocols d. Circuit Handshake Authentication Protocols

8) Which type of the following malware does not replicate or clone them self's through infection?[b]
A .Rootkits b. Trojans c. Worms d. Viruses

9) Which one of the following systems cannot be considered as an example of the operating systems[d]
a. Windows 8 b. Red Hat Linux c. BSD Linux d. Microsoft Office

10) DNS translates a Domain name into _____[d]
a.Hex b. Binary c. IP d. URL

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"BIG DATA & ANALYTICS"

Conducted from **21st Jan 2019 to 06th Feb 2019**

by the Department of Computer Science and Engineering during the academic year 2018-19

Name of the Student: ABDUL MUJEEB KHAN Hall Ticket No. 160&1A0502

Date :06th Feb 2019 Max. Marks: 10 Marks

---

1)Input to the _____ is the sorted output of the mappers. [a]
(A) Reducer (B) Mapper (C) Shuffle (D) All of the above

2) The right number of reduces seems to be _____ [c]
(A) 0.65 (B) 0.55 (C) 0.95 (D) 0.68

3) The output of the _____ is not sorted in theMapreduce framework for Hadoop [d]
(A) Mapper (B) Cascader (C) Scalding (D) None of the above

4) Which of the following phases occur simultaneously? [b]
(A) Reduce and Sort (B) Shuffle and Sort (C) Shuffle and Map (D) All of the above

5) Mapper and Reducer implementations can use the _____ to report [c]
(A) Partitioner (B) Output Collector (C) Reporter (D) All of the above

6)_____ is a generalization of the facility provided by the MapReduce framework to collect data output by the Mapper or the Reducer. [b]
(A) Partitioner (B) OutputCollector (C) Reporter (D) All of the above

7)_____ is the primary interface for a user to describe a MapReduce job to the Hadoop framework for execution. [b]
(A) Map Parameters (B) JobConf (C) MemoryConf (D) All of the above

8) A _____ serves as the master and there is only one NameNode per cluster [b]
(A) Data Node (B) NameNode (C) Data block (D) Replication

9) HDFS works in a _____ fashion. [a]
(A) master-worker (B) master-slave (C) worker/slave (D) All of the above

10)_____ NameNode is used when the Primary NameNode goes down. [c]
(A) Rack (B) Data (C) Secondary (D) None

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"OPEN SOURCE SOFTWARE"

Conducted from 10th SEP 2018 to 25th SEP 2018 by the Department of Computer Science and Engineering during the academic year 2018-19

Name of the Student: ABDUL MUQEET Ich Hall Ticket No. 16081A0509

Date : 25th SEP 2018 Max. Marks: 10 Marks

---

1. What do you understand from GNOME and KDE? [C]
a) Linux Distribution b) Command Lines c)GUI Based Linux d)File Framework

2. Linux is a total arrangement of _____ shells. [a]
a) Unix b) JavaScript c) PHP d) none

3. Who was the founder of Linux? [a]
a)Linus Torvalds b)IBM c)Christopher Markin d)Bill Gates

4. Running Linux on your system requires a High-End System capable of high Processing [b]
a)True b)False

5. To power your system with Linux, one requires a Video Card? [b]
a) Yes b) No

6. What all hardware components are required by a Linux to function properly. Select from the options below: [a]
a) Hard Drive b)CD-ROM Drive c)Joystick d)High-End Processors

Q7. What is the least amount of memory you would require to run a Linux? [c]
a) Megabyte (Mb) b) Megabyte (Mb) c)16 Megabyte (Mb) d)64 Megabyte (Mb)

8) open Source Software can be used for commercial purpose [a]
A)Ture b)false

9)An image editor similar to Adobe Photoshop [d]
a)Nvu b)open Office c)Bluefish d)GIMPshop

10)An Oss for communicate purpose [d]
a)Virtue Mart b)Drupal c)pidgin d)ZenCart

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Web Designing"

Conducted from 10-july-2018 to 21-july-2018 by the Department of Computer Science and Engineering during the academic year 2018-19

Name of the Student: ABBU SIDDIQUE Hall Ticket No. 170811A0501

Date : 21-july-2018 Max. Marks: 10 Marks

1) Web page editors works on a ____ principle. [C]
(A) WWW (B) HTML (C) WYSIWYG (D) WYGWYSI

2) Which program is used by web clients to view the web pages? [a]
(A) Web browser (B) Protocol (C) Web server (D) Search Engine

3) What is the name of the location address of the hypertext documents? [a]
(A) Uniform Resource Locator (B) Web server (C) File (D) Web address

4) What are shared on the Internet and are called as Web pages? [c]
(A) Programs (B) Cables (C) Hypertext documents (D) None

5) How many colour names are used by the browsers? [d]
(A) 8 (B) 10 (C) 12 (D) 16

6) Which tag is used to display text in title bar of a web document? [b]
(A) Body tag (B) Meta tag (C) Title tag (D) Comment tag

7) The ____ attribute is used to identify the values of variables. [c]
(A) text (B) http-equiv (C) content (D) name

8)The language that instructs the browser on how to display the hypertext, and adds pictures to the document is _____ [c]
(A) C (B) COBOL (C) HTML (D) BASIC

9) Which tag is used to identify the keywords describing the site [c]
(A) Comment tag (B) Title tag (C) Meta tag (D) Anchor tag

10) Which are used with a tag to modify its function? [d]
(A) Files (B) Functions (C) Attributes (D) Documents

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Internet of Things"

Conducted from 01-june-2019 to 06-june-2019by the Department of Information Technologyand Engineering during the academic year 2018-19

Name of the Student: Abdul Muqeet Khan Hall Ticket No. 1808 1D7801.

Date : 06-june-2019 Max. Marks: 10 Marks

1. Which of the following is the java extension file in IoT? (b)
a).exe b).py c).jar d).c

2. Which of the following class handles Publishing messages? (C)
a) Publish() b) Server() c) Client() d) Batch()

3. What is the full form of IaaS? (d)
a) Internet as a Software b)Internet as a Service
c) Infrastructure as a Software d) Infrastructure as a Service

4. What is the minimum value which an application shall exceed to be offloaded? (b)
a) Static value b)Threshold value c)Dynamic value d) Critical value

5. IANA stands for: (d)
a) Internal Assessment Numerical Access b) Internet Association Numbers Authority
c) International Aid for Network Automation d) Internet Assigned Numbers Authority

6. Standard port number for secure MQTT is: (C)
a) 1883 b) 8000 c) 8883 d) 8888

7. Bluetooth 5.0 promises: (C)
a) 4x Speed, 2x Range, 2x Data b) 6x Speed, 3x Range, 3x Data
c) 2x Speed, 4x Range, 8x Data d) 3x Speed, 4x Range, 8x Data

8. Terms SSL and TLS stand for: (b)
a) Secure Socket Layers and Transport Layer Session
b) Secure Socket Layers and Transport Layer Security
c) Secure Socket Layout and Transport Level Session
d) Session Socket Layers and Transport Layer Session

9. Which one out of these is not a data link layer technology: (d)
a) Bluetooth b) UART c) WiFi d) HTTP

10.Which transport layer protocols is used by DHCP? (d)
a) RSVP b) TCP c) DCCP d) UDP

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Cyber Safety and Security in the Digital World"

Conducted from 10-july-2018 to 21-july-2018 by the Department of Information Technology and Engineering during the academic year 2018-19

Name of the Student: Syed Khyazuddin Hall Ticket No. 190619D7805

Date : 21-july-2018 Max. Marks: 10 Marks

1) Which of the following refers to the violation of the principle if a computer is no more accessible?[A]
a . Access control b. Confidentiality c. Availability d. All of the above

2) Which one of the following is usually used in the process of Wi-Fi-hacking?[C]
a. Aircrack Ng b. Wireshark c. Norton d. All of the above

3) Which of the following usually observe each activity on the internet of the victim, gather all information in the background, and send it to someone else?[C]
a. Malware b. Spyware c. Adware d. All of the above

4) Why are the factors like Confidentiality, Integrity, Availability, and Authenticity considered as the fundamentals?[C]
a They help in understanding the hacking process
b .These are the main elements for any security breach
c. They help to understand the security and its components in a better manner
d. All of the above

5) In the CIA Triad, which one of the following is not involved?[C]
a. Availability b. Confidentiality c .Authenticity d. Integrity

6) Which of the following statements is true about the Trojans?[A]
1. Trojans perform tasks for which they are designed or programmed
2. Trojans replicates them self's or clone them self's through an infections
3. Trojans do nothing harmful to the user's computer systems
4. None of the above

7) The term "CHAP" stands for _____[C]
a. Circuit Hardware Authentication Protocols b. Challenge Hardware Authentication Protocols
c.. Challenge Handshake Authentication Protocols d. Circuit Handshake Authentication Protocols

8) Which type of the following malware does not replicate or clone them self's through infection?[b]
a. Rootkits. b. Trojans c. Worms d. Viruses

9) Which one of the following systems cannot be considered as an example of the operating systems?
a. Windows 8 b. Red Hat Linux c. BSD Linux d. Microsoft Office

10) DNS translates a Domain name into _____
a. Hex b. Binary c. IP d. URL

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"BIG DATA & ANALYTICS"

Conducted from 29th OCT 2018 to 13th NOV 2018 by the Department of Information Technologyand Engineering during the academic year 2018-19

Name of the Student: Abdul Muqeet Khan Hall Ticket No. 160811A1204.

Date : 13th NOV 2018 Max. Marks: 10 Marks

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1)Input to the _____ is the sorted output of the mappers.[C]
(A) Reducer (B) Mapper (C) Shuffle (D) All of the above

2) The right number of reduces seems to be _____ [C]
(A) 0.65 (B) 0.55 (C) 0.95 (D) 0.68

3) The output of the _____ is not sorted in theMapreduce framework for Hadoop [d]
(A) Mapper (B) Cascader (C) Scalding (D) None of the above

4) Which of the following phases occur simultaneously?[b]
(A)Reduce and Sort (B) Shuffle and Sort (C) Shuffle and Map (D) All of the above

5) Mapper and Reducer implementations can use the _____ to report progress or just indicate that they are alive. [C]
(A) Partitioner (B)Output Collector (C) Reporter (D) All of the above

6)_____ is a generalization of the facility provided by the MapReduce framework to collect data output by the Mapper or the Reducer. [b]
(A) Partitioner (B)OutputCollector (C) Reporter (D) All of the above

7)_____ is the primary interface for a user to describe a MapReduce job to the Hadoop framework for execution. [a]
(A) Map Parameters (B) JobConf (C) MemoryConf (D) All of the above

8) A _____ serves as the master and there is only one NameNode per cluster.[a]
(A) Data Node (B) NameNode (C) Data block (D) Replication

9) HDFS works in a _____ fashion.[a]
(A) master-worker (B) master-slave (C) worker/slave (D) All of the above

10)_____ NameNode is used when the Primary NameNode goes down.[C]
(A) Rack (B) Data (C) Secondary (D) None

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"OPEN SOURCE SOFTWARE"

Conducted from 21-jan-2019 to 06-Feb-2019 by the Department of Information Technology and Engineering during the academic year 2018-19

Name of the Student: Mohammed Mashuddin Hall Ticket No. 160819A1224

Date: 06-Feb-2019 Max. Marks: 10 Marks

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1) PNG is a [a]
a) image format b)file format c)internet format d)html format

2) Which of the following is not an open source software? [b]
a) LibreOffice b)Microsoft Office c)GNU image manpulation d)MySQL

3) OSI stands for [c]
a)Open Source Index b)open ource Image c)open source Initiative d)open source Instant

4) An Oss for communicate purpose [d]
a)Virtue Mart b)Drupal c)pidgin d)ZenCart

5)An image editor similar to Adobe Photoshop [d]
a)Nvu b)open Office c)Bluefish d)GIMPshop

6. Who was the founder of Linux? [a]
a)Linus Torvalds b)IBM c)Christopher Markin d)Bill Gates

7) 1. What do you understand from GNOME and KDE? [c]
a) Linux Distribution b) Command Lines c)GUI Based Linux d)File Framework

8) To power your system with Linux, one requires a Video Card? [a]
a) Yes b) No

9)What is the least amount of memory you would require to run a Linux? [a]
a) Megabyte (Mb) b) Megabyte (Mb) c)16 Megabyte (Mb) d)64 Megabyte (Mb)

10)What all hardware components are required by a Linux to function properly. Select from the options below: [d]
a) Hard Drive b)CD-ROM Drive c)Joystick d)High-End Processors

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"Web Designing"

Conducted from 10-Sept-2018 to 25-Sept-2018 by the Department of Information Technology and Engineering during the academic year 2018-19

Name of the Student: Ayesha Batool Hall Ticket No. 1808 17 7801

Date : 25-Sept-2018 Max. Marks: 10 Marks

11) what is a CMS in web design [a]

a) Content Management System b) Creative Management System

c) Content Mixing System d) Creatives Managerial System

2) To make your website mobile friendly, you can make your website [a]

a) Responsive b) Reactive c) Fast Loading d) Light

3) Which of the following is not a web hosting company [d]

a) Hostgator b) Blue Host c) WPX Hosting d) Facebook

4) What is WordPress ? [c]

a) It is a software used to press text b) It is a text formatting software

c) It is a CMS (Content Management System) d) It is mail service

5) Web page editors works on a ____ principle. [c]

(A) WWW (B) HTML (C) WYSIWYG (D) WYGWYSI

6) What is the name of the location address of the hypertext documents? [a]

(A) Uniform Resource Locator (B) Web server (C) File (D) Web address

7) The ____ attribute is used to identify the values of variables. [c]

(A) text (B) http-equiv (C) content (D) name

8) The language that instructs the browser on how to display the hypertext, and adds pictures to the document is _____ [c]

(A) C (B) COBOL (C) HTML (D) BASIC

9) Which tag is used to identify the keywords describing the site [c]

(A) Comment tag (B) Title tag (C) Meta tag (D) Anchor tag

10) Which are used with a tag to modify its function? [b]

(A) Files (B) Functions (C) Attributes (D) Documents

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DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) – Ansys CONDUCTED FROM 01-06-2019 to 07-06-2019ACADEMIC YEAR 2018-19

DATE: 07-06-2019 **MAX MARKS: 10**

Student Name: Asra Fatima

HALL TICKET NO	1	8	0	8	1	D	0	4	0	1

1.What does an eigenvector represent in the formulation of Modal Analysis? [B]
A. Natural frequency
B. Forcing frequency
C. Mode shape
D. Phase angle

2. Which of the following can be used to change the status of a contact pair to CLOSE in the Mechanical window? [D]
A. Interference removal
B. Pinball region
C. Through Contact detection Method
D. All of the above

3. Both the Pull Tool and Move Tool can be used to extrude a face. [A]
A. True
B. False
C. None
D .aggressive.

4. Possible to copy (Ctrl +C) and paste (ctrl + V) any geometrical entities such as curves, faces, and bodies in SpaceClaim. [A]
A. True
B. False
C. Possible
D. Not possible.

5. A body suppressed in SpaceClaim will be imported into Mechanical. [A]
A. True
B. False
C.agree
D. Disagree

6. Acceleration can be applied to a single individual part of an assembly. [B]
A. True

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B. False
C.line
D. Length.

7. Results from Random Vibration Analysis are frequency dependent. [A]
A. True
B. False
C. Agree
D. Disagree.

8. FEM gives an exact solutions to problems. [A]
A. True
B. False
C.exact
D. None .

9. APDL solver and Workbench solver are two separate independent solvers. [A]
A. True
B. False
C.none
D. All

10. When frictionless contact type is assigned to a particular contact interface in modal analysis, ANSYS will automatically convert it into a no separation type contact. [B]

A. True
B. False
C. Appreciated
D. None

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DEPARTMENT OF MECHANICAL ENGINEERING
ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) – PRO-E
CONDUCTED FROM 10-06-2019 to 24-06-2019-ACADEMIC YEAR 2018-19

DATE: 24-06-2019 **MAX MARKS: 10**

Student Name: Md. Dilsheel | HALL TICKET NO | 1 | 7 | 0 | 8 | 1 | A | 0 | 3 | 1 | 3 |

1. All Pro-E features have parents.

A. True
B. False

(A)

2. All Pro-E features have children

A. True

b. false

c. none .

(C)

3. Parent child relationships are bad.
A. True
B. False

(B)

4. Can parent child relationships be broken?
A. True
B. False

(A)

5. What is the minimum number of surfaces you mustremove when adding a shell feature?

A. 1

B. 2

C. 3

D. 4

(B)

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6. What is the minimum number of sections you mustsketch when adding a blend feature?

A. 1

B. 2

C. 3

D. 4

(B) 2

7. If a drawing view is added with the 'no scale' option,does it really have no scale?

A. Yes
B. No

(B)

8. Can a feature be reordered before any of its parents?

A. Yes

B. No

(B)

9. Can a feature with children be suppressed?

A. Yes

B. No

(B) ×

10. What does 'ceil 10.2' evaluate to?

A. 10

B. 11

C. 10.5

D. 10.25

(B).

Md. Ittaq

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DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) – HVAC

CONDUCTED FROM 06-05-2019to 22-05-2019-ACADEMIC YEAR 2018-19

DATE: 22-05-2019 **MAX MARKS: 10**

Student Name: Md. Arshad

HALL TICKET NO	1	6	0	8	1	A	0	3	4	6

1. In a chilled water system, the refrigerant is used to cool the air directly while in the direct expansion system, a secondary medium like water is used to cool the air. [] (b)
a) True
b) False

2. In which component of the chilled water system, the return air and the fresh air mixture is filtered? [] (b)
a) Fan coil unit
b) Ducting grill
c) Compressor
d) Evaporator

3. Which of the following qualities is not possessed by the filters in the air conditioning system? [ ] (a)
a) They should be capable of removing dust particles from the incoming air
b) They should afford easy cleaning
c) They should offer low frictional resistance to the airflow
d) They should offer high frictional resistance to the airflow

4. Viscous type filters are made of screens of spilt wire and coated with non-drying viscous oil in order to catch and remove the dust particles from the incoming air. [] (a)
a) True
b) False

5. Which of the following types of filters used in the air conditioning system is made of cloth that is discarded on getting dirty? [] (a)
a) Viscous type filters
b) Dry filter
c) Spray washers
d) Electric precipitators

6. Which of the following statements about electric precipitators is false? [ ] (b)
a) They are used to remove dust by providing a strong electric field
b) Their initial installation cost is high

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c) Their operational cost is low
d) Dust particles get attached to the positive electrode

7. The process of extraction of the certain required amount of water from air is known a []
a) Heating
b) Cooling
c) Humidification
d) Dehumidification

(c)

8. Which of the following is capable of absorbing excess moisture from the air? []
a) Silica gel
b) Charcoal
c) Salts of calcium or ammonia
d) Activated alumina

(d)

9. Which of the following is not a component of packaged air conditioners? []
a) Compressor
b) Condenser
c) Chiller
d) Evaporator

(c)

10. Room air conditioners and packaged units are examples of _____ [ ]
a) Direct expansion systems
b) Indirect expansion systems
c) Chilled water systems
d) Indirect contraction systems

(a)

Md Sttaq

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DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) - AutoCAD

CONDUCTED FROM 08-07-2019 to 22-07-2019ACADEMIC YEAR 2018-19

DATE:22-07-2019 **MAX MARKS: 10**

Student Name: Md. Zafeer.

HALL TICKET NO	1	5	0	8	1	A	0	3	4	2

1. Objects are rotated around the { B }

A. Bottom of the object

B. Base point

C. Center of the object

D. Origin

2. The origin of a drawing is at { A }

A. 0,0

B. 1,0

C. 0,1

D. 1,1

3. How would you select set of objects in a drawing? { A }

A. By a crossing window drawn from right to left

B. By a crossing window drawn left to right

C. Shift+ clicking on the objects

D. None of the above

4. Fillet command can be used to obtain_____ { C }

A. Sharp corners

B. Round corners

C. Both of the above

D. None of the above

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5. A polar array creates new objects____ { B }

A. In a grid pattern

B. In a circular pattern

C. In a straight line

D. All of the above

6. How many layers a drawing should have? { C }

A. 1

B. 2

C. As many as depending on the complexity

D. None of the above

7. Scaling objects make them_____ { D }

A. Smaller

B. Bigger

C. Either smaller or bigger

D. None of the above

8.Which is corresponded to zoom mouse wheel? { A }

A. Zoom in / zoom out

B. pan & scan

C. extents / all

D. scale

9. What is the minimum allowable number of layers in a drawing { C }

A. 0

B. 5

C. 1

D. 2

10. By what symbol shows the snap point to the closest point { C }

A. with circles and dots in the center

B. With two triangle

C. With three orthogonal

D. With Diamond

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"VLSI FRONT END DESIGN"

Conducted from 10th SEPTEMBER 2018 to 25th SEPTEMBER 2018 by the Department of ELECTRONICS & COMMUNICATION during the academic year 2018-19

Name of the Student: Amreen Sultana Hall Ticket No. 1808ID5501

Date : 24/06/2018 Max. Marks: 10 Marks

1) The utilization of CAD tools for drawing timing waveform diagram and transforming it into a network of logic gates is known as _____.

a. Waveform Editor
b. Waveform Estimator
c. Waveform Simulator
d. Waveform Evaluator

(A)

2) Which among the following is a process of transforming design entry information of the circuit into a set of logic equations?

a. Simulation
b. Optimization
c. Synthesis
d. Verification

(C)

3) _____ is the fundamental architecture block or element of a target PLD.

a. System Partitioning
b. Pre-layout Simulation
c. Logic cell
d. Post-layout Simulation

(C)

4) In VLSI design, which process deals with the determination of resistance & capacitance of interconnections?

a. Floorplanning
b. Placement & Routing
c. Testing
d. Extraction

(D)

5) Among the VHDL features, which language statements are executed at the same time in parallel flow?

a. Concurrent
b. Sequential
c. Net-list
d. Test-bench

(A)

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6) In Net-list language, the net-list is generated _____synthesizing VHDL code.

a. Before
b. At the time of (during)
c. After
d. None of the above

(c)

7) In VHDL, which object/s is/are used to connect entities together for the model formation?

a. Constant
b. Variable
c. Signal
d. All of the above

(c)

8) Which data type in VHDL is non synthesizable& allows the designer to model the objects of dynamic nature?

a. Scalar
b. Access
c. Composite
d. File

(b)

9) Which type of simulation mode is used to check the timing performance of a design?

a. Behavioural
b. Switch-level
c. Transistor-level
d. Gate-level

(d)

10) In the simulation process, which step specifies the conversion of VHDL intermediate code so that it can be used by the simulator?

a. Compilation
b. Elaboration
c. Initialization
d. Execution

( )

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"DATA COMMUNICATION & NETWORKS"

Conducted from 29th October 2018 to 13th November 2018

by the Department of ELECTRONICS & COMMUNICATION during the academic year 2018-19

Name of the Student: Fasihullah mohammed Hall Ticket No. 16081A0403

Date : 24/06/2017 Max. Marks: 10 Marks

1) Which of these is a standard interface for serial data transmission?

a. ASCII
b. RS232C
c. 2
d. Centronics

(b)

2) Which type of topology is best suited for large businesses which must carefully control and coordinate the operation of distributed branch outlets?

a. Ring
b. Local area
c. Hierarchical
d. Star

(c)

3) Which of the following transmission directions listed is not a legitimate channel?

a. Simplex
b. Half Duplex
c. Full Duplex
d. Double Duplex

(d)

4) "Parity bits" are used for which of the following purposes?

a. Encryption of data
b. To transmit faster
c. To detect errors
d. To identify the user

(c)

5) What kind of transmission medium is most appropriate to carry data in a computer network that is exposed to electrical interferences?

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a. Unshielded twisted pair
b. Optical fiber
c. Coaxial cable
d. Microwave

6) A collection of hyperlinked documents on the internet forms the ?

a. World Wide Web (WWW)
b. E-mail system
c. Mailing list
d. Hypertext markup language

7) The location of a resource on the internet is given by its?

a. Protocol
b. URL
c. E-mail address
d. ICQ

8) The term HTTP stands for?

a. Hyper terminal tracing program
b. Hypertext tracing protocol
c. Hypertext transfer protocol
d. Hypertext transfer program

9) A proxy server is used as the computer?

a. with external access
b. acting as a backup
c. performing file handling
d. accessing user permissions

10) Which one of the following would breach the integrity of a system?

a. Looking the room to prevent theft
b. Full access rights for all users
c. Fitting the system with an anti-theft device
d. Protecting the device against willful or accidental damage

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"MOBILE COMMUNICATIONS"

Conducted from 21st January 2019 to 6th February 2019

by the Department of ELECTRONICS & COMMUNICATION during the academic year 2018-19

Name of the Student: M. Vijay Hall Ticket No. 170119A0404

Date : 06/02/2019 Max. Marks: 10 Marks

1) The modulation technique used for mobile communication systems during world war II was

a. Amplitude modulation
b. Frequency modulation
c. ASK
d. FSK

(B)

2) ——— introduced Frequency Modulation for mobile communication systems in 1935.

a. Edwin Armstrong
b. Albert Einstein
c. Galileo Galilei
d. David Bohm

(A)

3) The early FM push-to-talk telephone systems were used in

a. Simplex mode
b. Half duplex mode
c. Full duplex mode
d. None of the above

(B)

4) DECT stands for

a. Digital European Cellular Telex
b. Digitized Emergency Cellular Telephone
c. Digital European Cordless Telephone
d. Digital European Cellular Telephone

(C)

5) World's first cellular system was developed by

a. Nippon Telephone and Telegraph (NTT)
b. Bellcore and Motorola
c. AT&T Bell Laboratories
d. Qualcomm

(A)

6) Paging systems were based on

a. Simplex systems
b. Half duplex systems
c. Full duplex systems

Md Sattar

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d. None of the above

(A)

7) Paging systems could be used to

a. Send numeric messages
b. Send alphanumeric messages
c. Voice message
d. All of the above

(A)

8) Garage door opener is a

a. Transmitter
b. Receiver
c. Transceiver
d. None of the above

(A)

9) Carrier frequency of a TV remote control is in the range

a. of Infra red
b. < 100 MHz
c. < 1 GHz
d. < 2 GHz

(A)

10) Half duplex system for communication has

a. Communication in single direction

b. Communication in single direction at a time

c. Communication in both directions at the same time

d. None of the above

(B)

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ABDUL JaBBAR 160811A0401

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Assessment of the Certificate Program (Add On)

REVITS

(Conducted from 1-06-2019 TO 21-06-2019 by CIVIL department During The Academic Year 2018-2019

9/10 Revits

1.What type of line is visible only in the view it was drawn in? [b]

a.Polyline c.Model Line

b.Detail Line d.Hidden line

2.How do you quickly add trim to walls in 3d views? [d]

a.Model sweep tool

b.Fascia tool

c.Extrude along path

d.Use the wall sweep tool

3.When a project is shared what are the revit files called that each user works on? [a]

a.Local Copy

b.User File

c.Central Copy

d.Beta file

4.What is the shortcut for a wall? [d]

a.control + w

b.wa

c.wl

d.ctrl +w

5.How do you attach the walls to your newly created roof? [d]

a.Manually bring wall to roof and it will attach

b.Select all walls and click attach to roof

c.Select roof, click attach walls

d.Select join tool then click on both the roof and wall

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6. How would you add single images to the surface of your wall? [d]

a.Insert jpeg tool

b.Add decal tool

c.Crop tool

d.Add image tool

7.A central file cannot be created without? [c]

a.Linked files

b.Archived files

c.Worksets enabled

d.All of the above

8. How are ceilings and floors modeled in revit? [d]

a.Automatically when the rooms are closed

b.They are modeled manually and specified as celings or floors

c.They are inserted as families after a room is defined

d.They are generated from 2d lines sketched in the appropriate work plane

9.Material properties can be modified at any time in the: [d]

a. 3D Settings Dialog

b. Manage -> Materials dialog

c. Object properties dialog

d. Material editor wizard

10.Which tool allows you to specify the material on certain surfaces in 3d? [a]

a.Paint

b.Material paste tool

c.Material Surface tool

c.Eye dropper tool

d.Staad pro

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15081A0104
ABDUL RAHEEM

Assessment of the Certificate Program (Add On)

SAP

9/10

(Conducted from 16-09-2018 TO 3-10-2018 by CIVIL department During The Academic Year 2018-2019

1. _____ refers to the time for the process control loop to make necessary adjustments to the final control element. [A]

A) Control lag B) Process lag C) Dead Time D) Error

2.When a uniformly distributed load, longer than the span of the girder, moves from left to right, then the maximum bending moment at mid section of span occurs when the uniformly distributed load occupies [B]

A) Less than the left half span
B) Whole of left half span
C) More than the left half span
D) Whole span

3..... software is applicable for robust architectural design and documentation software. [C]

A. E -Tab

B.Revit

C.Gui

D.3d Architect Home

4. The deflection at any point of a perfect frame can be obtained by applying a unit load at the joint in [D]

A) Vertical direction

B) Horizontal direction

C) Inclined direction

D) The direction in which the deflection is required

5 Which of the following methods of structural analysis is a displacement method? [B]

A) Moment distribution method
B) Column analogy method
C) Three moment equation
D) None of the above

6 The fixed support in a real beam becomes in the conjugate beam a [A]

A) Roller support
B) Hinged support
C) Fixed support
D) Free end

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6. How would you add single images to the surface of your wall? [b]

a.Insert jpeg tool

b.Add decal tool

c.Crop tool

d.Add image tool

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b.Material paste tool

c.Material Surface tool

c.Eye dropper tool

d.Staad pro

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Assessment of the Certificate Program (Add On)

CIVIL ENGINEERING DRAWING USING AUTOCAD

(Conducted from 29-07-2019 TO 12-08-2019 by CIVIL department during the academic year 2018-19)

NAME OF THE STUDENT: Abdul Raheem **DATE:**
HALL TICKET NO.: 15081A0104 **MAX MARKS: 10**

1 .Autocad was developed by [c]

a. Microsoft corp.
b. Apple Inc.
c. Autodesk Inc.
d. None of the above

2. Autocad was first released in [b]

a. November 1982
b. December 1982
c. December 1983
d. December 1981

3. How many workspaces are available in Autocad [a]

a. 2
b. 3
c. 4
d. 5

4. Which of the following workspaces are available in Autocad [d]

a. 3D basics
b. 3D modelling
c. drafting and annotation
d. All of the above

5. which is the latest version of Autocad software [d]

a. Autocad 2018
b. Autocad 2019
c. Autocad 2020
d. Autocad 2021

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6. which of the following is the extension for autocad drawing file [a]

   a. DWG
   b. ACTD
   c. ACD
   d. None of the above

7. How many units are available in Autocad [c]

   a. 3
   b. 4
   c. 5
   d. 6

8. Which key is used to obtain properties palette in Autocad [a]

   a. Ctrl+1
   b. Ctrl+2
   c. Ctrl+3
   d. Ctrl+4

9. The scale command can be easily accessed by typing [c]

   a. S
   b. C
   c. SC
   d. SL

10. To obtain parallel lines, concentric circles and parallel curves ____ is used. [c]

   a. copy
   b. fillet
   c. offset
   d. none of the above

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Assessment of the Certificate Program (Add On)

STATISTICAL PACKAGE FOR SOCIAL SCIENCES

(Conducted from 14-05-2019 to 30-05-2019 by MBA department during the Academic Year 2018-19)

NAME OF THE STUDENT: IRAM FATIMA
HALL TICKET NO.: 180S1E0004.

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DATE: 30-05-2019
MAX MARKS: 10

1.What is the advantage of using SPSS over calculating statistics by hand? [c]
a) Most quantitative data analysis is done in "real research" using SPSS
b) It reduces the chance of making errors in your calculations
c) It equips you with a useful transferable skill
d) All of the above

2.In SPSS, what is the "Data Viewer"? [b]
a) A table summarizing the frequencies of data for one variable
b) A spreadsheet into which data can be entered
c) A dialog box that allows you to choose a statistical test
d) A screen in which variables can be defined and labelled

3.How is a variable name different from a variable label? [a]
a) It is shorter and less detailed
b) It is longer and more detailed
c) It is abstract and unspecific
d) It refers to codes rather than variables

4.What does the operation "Recode Into Different Variables" do to the data? [d]
a) Replaces missing data with some random scores
b) Reverses the position of the independent and dependent variable on a graph
c) Redistributes a range of values into a new set of categories and creates a new variable
d) Represents the data in the form of a pie chart

5.How would you use the drop-down menus in SPSS to generate a frequency table? [b]
a) Open the Output Viewer and click: Save As; Pie Chart
b) Click on: Analyze; Descriptive Statistics; Frequencies
c) Click on: Graphs; Frequencies; Pearson
d) Open the Variable Viewer and recode the value labels

6.Why might you tell SPSS to represent the "slices" of a pie chart in different patterns? [d]
a) Because the program tends to crash if you ask it to use colour
b) Because the patterns form symbolic visual images for different social groups
c) In order to make full use of the facilities that SPSS can offer

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d) If you do not have a colour printer, it makes the differences between the slices clearer

7.When cross-tabulating two variables, it is conventional to: [c]
a) Represent the independent variable in rows and the dependent variable in columns
b) Assign both the dependent and independent variables to columns
c) Represent the dependent variable in rows and the independent variable in columns
d) Assign both the dependent and independent variables to rows

8.In which sub-dialog box can the Chi Square test be found? [b]
a) Frequencies: Percentages
b) Crosstabs: Statistics
c) Bivariate: Pearson
d) Gender: Female

9.To generate a Spearman's rho test, which set of instructions should you give SPSS? [d]
a) Analyze; Crosstabs; Descriptive Statistics; Spearman; OK
b) Graphs; Frequencies; [select variables]; Spearman; OK
c) Analyze; Compare Means; Anova table; First layer; Spearman; OK
d) Analyze; Correlate; Bivariate; [select variables]; Spearman; OK

10.How would you print a bar chart that you have just produced in SPSS? [a]
a) In Output Viewer, click File, Print, select the bar chart and click OK
b) In Variable Viewer, open bar chart, click File, Print, OK
c) In Chart Editor, click Descriptive Statistics, Print, OK
d) In Data Editor, open Graphs dialog box, click Save, OK

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********** Best of Luck **********

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)
"APPLIED CHEMISTRY"
Conducted from 2nd Jan 2019 to 19th Jan 2019
by the Department of CHEMISTRY during the academic year 2018-19

Name of the Student: Abdullah Abdul Azeem Hall Ticket No. 180810307

Date : 19/01/2019 Max. Marks: 10 Marks

1. Which of the following quantum numbers tells the three dimensional shape of an atomic orbital? (. A)
A.Azimuthal quantam number B.Principle quantam number C.Spin quantum number D.Magnetic quantum number

2. The size of 2S orbital as compared to 1S orbital is. (. A)
A.Large B.Small C.Very large D.Medium

3. A sigma bond is formed when. (. D)
A.p orbital overlaps with another p orbital B. S-orbital overlaps with another S-orbital C. p-orbital overlaps with modified p-orbital D. f-orbital overlaps with d-orbital

4. Mono atomic molecules examples (. A)
A.Helium B.Nitrogen C.Oxygen D.Iodine

5. The boiling point of water is exceptionally high because. (. C)
A.There is a covalent bond between H & O B.Water molecule is linear
C.Water molecule assosiate due to hydrogen bonding D.Water molecules are not linear

6.Which of the following has both covalent and Ionic bonds? (. A)
A.NaoH B.KCl C.KOH D.Mgcl

7.The gain of oxygen is known as. (. A)
A.Oxidation B.Halogenation C.Reduction D.Chloronation

8.Rain is called as acidic rain when its. (. C)
A .PH falls below 7 B.PH falls below 6 C.PH falls below 5.6 D.PH is above 7

9.Aliphatic compound is the other name for. (. A)
A.Acyclic compound B.Alicyclic compound C.Ring compound D.Close chain compound

10.The magnetic materials follow which law. (. D)
A.Faraday's law B.Ampere law C.Lenz law D.Curie waisse law

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PEERANCHERU, R.R.District – 500008 (T.S)

Certificate Program and Training 2018-19

Subject: Electrical Wiring **Duration: 20 min**

Student name: Shaik Amjath hussain **Hall Ticket No** 160854A0201

Answer All Questions. Each Questions Carry Equal Marks

1) Correct form of Ohms Law [D]
a) I=VR b) V α I
c) V=IR d) Above b and c

2) Two Resistors R1, R2 give combined resistance of 4.5Ω when in series and 1Ω when in parallel. The Resistances are [C]
a) 2Ω and 2.5Ω b)1Ω and 3.5Ω
c) 1.5Ω and 3Ω d) 4Ω and 0.5Ω

3. Internal resistance of ideal voltage source is _____ [A]
a) zero b) infinite c) one ohm d) can't say

4. Identify the active element among the following [D]
a) resistance b) inductance c) capacitance d) voltage source

5. If a network contain B branches N nodes then number of mesh current equation are [A]
a) B-N+1 b)B-N-1 c)N-B+1 d)N-B-1

6. In resistor, voltage and current are. [D]
a) Out of Phase b) V LAGS I c) V leads I d) IN Phase

7. Value of operator J^2 [C]
a) 1 b) 0 c) -1 d) 1.414

8. Power in AC circuit is given by. [B]
a) VI b) VIcosϕ c) VIsinϕ d) VItanϕ

9. By under series resonant condition circuit behaves like. [C]
a) capacitive b) inductive c) resistive d) none

10. Power factor is defined as. [D]
a) cosine of phase angle between voltage and current
b) Ratio of active power to apparent power
c) Ratio of resistance to impedance
d) all

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