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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"PYTHON PROGRAMMING"

Conducted from 9-June-2017 to 1-July-2017 by the Department of Computer Science and Engineering during the academic year 2016-17

Name of the Student: Mohammed Abdul Hameed Khan Hall Ticket No. 15081A0501

Date: 1-July-2017 Max. Marks: 10 Marks

1) Who developed the Python language? [b]

(A) Zim Den (B) Guido van Rossum (C) Niene Stom (D) Wick van Rossum

2) What is the maximum possible length of an identifier? [c]

(A) 16 (B)32 (C)64 (D) None of these above

3) In which year was the Python language developed? [d]

(A) 1995 (B) 1972 (C) 1981 (D) 1989

4) In which language is Python written? [b]

(A)JAVA (B) C (C) PHP (D) None of the above

5) Which one of the following is the correct extension of the Python file? [a]

(A) .py (B) .python (C) .p (D) None of the above

6) Which character is used in Python to make a single line comment? [a]

(A) / (B) // (C) # (D) !

7) What is the method inside the class in python language? [a]

(A) Object (B) Function (C) Attribute (D) Argument

8) Which of the following is not a keyword in Python language? [a]

(A) val (B) raise (C) try (D) with

9) Which of the following operators is the correct option for power(ab)? [b]

(A) a ^ b (B) a**b (C) a ^ ^ b (D) a ^ * b

10) Which of the following functions is a built-in function in python language? [c]

(A) val() (B) print() (C) print() (D)None of the above

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"COMPUTER NETWORKS & SECURITY PROTOCOLS"

Conducted from 5-Sep-2016 to 21-Sep-2016 by the Department of Computer Science and Engineering during the academic year 2016-17

Name of the Student: Mohamed Sameer Khan Hall Ticket No. 160819D5814

Date: 21-Sep-2016 Max. Marks: 10 Marks

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

(A) ASCII (B) RS232C (C) 2 (D) Centronics

2) Which of the following transmission directions listed is not a legitimate channel? [D]

(A) Simplex (B) Half Duplex (C) Full Duplex (D) Double Duplex

3) A collection of hyperlinked documents on the internet forms the? [A]

(A) World Wide Web (B) E-mail system (C) Mailing list (D) Hyper Text markup Language

4) A proxy server is used as the computer? [A]

(A) With external access (B) acting as a backup (C) performing file handling (D) accessing user permissions

5) Which software prevents the external access to a system? [d]

(A) Firewall (B) Gateway (C) Router (D) Virus checker

6) Which one of the following is the most common internet protocol? [C]

(A) HTML (B) NetBEUI (C) TCP/IP (D) IPX/SPX

7) The term FTP stands for? [c]

(A) File transfer program (B) File transmission protocol (C) File transfer protocol (D) File transfer protection

8) At what speed does tele-computed refer? [C]

(A) Interface speed (B) Cycles per second (C) Baud rate (D) Megabyte load

9) The length of an IPv6 address is? [C]

(A) 32 bits (B) 64 bits (C) 128 bits (D) 256 bits

10) What IP address class allocates 8 bits for the host identification part? [C]

(A) Class A (B) Class B (C) Class C (D) Class

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"ORACLE DATABASE ADMINISTRATION"

Conducted from 4-Jan-2017 to 14-Jan-2017 by the Department of Computer Science and Engineering during the academic year 2016-17

Name of the Student: Abdul Salam Hall Ticket No. 1308IA0501

Date: 14-Jan-2017 Max. Marks: 10 Marks

1) Which of these languages can run within the database? [D]
(A) SQL (B)JAVA (C) PL/SQL (D) All A,B,C

2) In a web application, on which tier does the application software run?? [B]
(A) In the web browser on the client tier (B) on the middle tier (C) Within a java-enables database (D) none of the above

3) SNAPSHOT is used for [DBA] [D]
(A) Synonym (B) Table space (C) System server (D) Dynamic data replication

4) Databases overall structure is maintained in a file called? [C]
(A) Redolog file (B) Data file (C) Control file (D) All of the above

5) LGWR process writes information into? [C]
(A) Database files (B) Control files (C) Redolog files, (D) All the above

6) These following parameters are optional in init.ora parameter file DB_BLOCK_SIZE, PROCESSES? [B]
(A) True (B) False

7) Can a DIALOG WINDOW have scroll bar attached to it? [B]
(A) Yes (B) No

8) The packaged procedure that makes data in form permanent in the Database is? [B]
(A) Post (B) Post form (C) Commit form (D) None of the above

9) All data files related to a Table space are removed when the Table space is dropped? [B]
(A) TRUE (B) FALSE

10) A column defined as PRIMARY KEY can have NULL"s? [B]
(A) TRUE (B) FALSE

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"PYTHON PROGRAMMING"

Conducted from 9-June-2017 to 1-July-2017 by the Department of Information Technology and Engineering during the academic year 2016-17

Name of the Student: Abdul Rahman Hall Ticket No. 15081A1205

Date: 1-July-2017 Max. Marks: 10 Marks

1) Who developed the Python language? [B]

(A) Zim Den (B) Guido van Rossum (C) Niene Stom (D) Wick van Rossum

2) What do we use to define a block of code in Python language? [C]

(A) Key (B) Brackets (C) Indentation (D) None of these above

3) In which year was the Python language developed? [D]

(A) 1995 (B) 1972 (C) 1981 (D) 1989

4) In which language is Python written? [B]

(A)JAVA (B) C (C) PHP (D) None of the above

5) In which year was the Python 3.0 version developed? [A]

(A) 2008 (B) 2000 (C) 2010 (D) 2005

6) Which of the following objects are present in the function header in python? [C]

(A) Function name and Parameters (B) Only function name (C) Only parameters (D) None of the these

7) What is the method inside the class in python language? [A]

(A) Object (B) Function (C) Attribute (D) Argument

8) Which of the following is not a keyword in Python language? [A]

(A) val (B) raise (C) try (D) with

9) Which of the following operators is the correct option for power(ab)? [B]

(A) a ^ b (B) a**b (C) a ^ ^ b (D) a ^ * b

10) Which of the following keywords is not reversed keyword in python? [C]

(A) None (B) class (C) goto (D)and

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"COMPUTER NETWORKS & SECURITY PROTOCOLS"

Conducted from 4-Jan-2017 to 14-Jan-2017 by the Department Information Technology during the academic year 2016-17

Name of the Student: Safoora fatima Hall Ticket No. 1508 17 7803.

Date: 14-Jan-2017 Max. Marks: 10 Marks

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

(A) ASCII (B) RS232C (C) 2 (D) Centronics

2) Which one of the following is not a network topology [D]

(A) Star (B) Ring (C) Bus (D) Peer to Peer

3) A collection of hyperlinked documents on the internet forms the? [A]

(A) World Wide Web (B) E-mail system (C) Mailing list (D) Hyper Text markup Language

4) A proxy server is used as the computer? [A]

(A) With external access (B) backup (C) performing file handling (D)accessing user permissions

5) Which software prevents the external access to a system? [A]

(A) Firewall (B) Gateway (C) Router (D) Virus checker

6) The term HTTP stands for?? [C]

(A) Hyper terminal tracing program (B) Hypertext tracing protocol (C) Hypertext transfer protocol (D) Hypertext transfer program

7) The term FTP stands for? [B]

(A) File transfer program (B) File transmission protocol (C) File transfer protocol (D) File transfer protection

8) Software programs that allow you to legally copy files and give them away at no cost are called which of the following??

(A) Probe ware (B) Timeshare (C) Shareware (D) Public domain [C]

9) The maximum length (in bytes) of an IPv4 datagram is? [C]

(A) 32 (B) 1024 (C) 65535 (D) 512

10) What IP address class allocates 8 bits for the host identification part? [C]

(A) Class A (B) Class B (C) Class C (D) Class

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"ORACLE DATABASE ADMINISTRATION"

Conducted from 5-SEP-2016 to 21-Sep-2016 by the Department of Information Technology Engineering during the academic year 2016-17

Name of the Student: Abdul Salam Hall Ticket No. 13081A1201

Date: 21-Sep-2016 Max. Marks: 10 Marks

1) POST-BLOCK trigger is a [D]

(A) Navigational trigger (B) Key trigger (C) Transactional trigger (D) None of the above

2) In a CLIENT/SERVER environment , which of the following would not be done at the client ? [B]

(A) User interface part (B) Data validation at entry line (C) Responding to user events (D) None of the above

3) SNAPSHOT is used for [DBA] [D]

(A) Synonym (B) Table space (C) System server (D) Dynamic data replication

4) Databases overall structure is maintained in a file called? [C]

(A) Redolog file (B) Data file (C) Control file (D) All of the above

5) LGWR process writes information into? [A]

(A) Database files (B) Control files (C) Redolog files, (D) All the above

6) These following parameters are optional in init.ora parameter file DB_BLOCK_SIZE, PROCESSES? [B]

(A) True (B) False

7) What is a DATABLOCK [B]

(A) Set of Extents (B) Set of Segments (C) Smallest Database storage unit (D) None of the above

8) The packaged procedure that makes data in form permanent in the Database is? [B]

(A) Post (B) Post form (C) Commit form (D) None of the above

9) All data files related to a Table space are removed when the Table space is dropped? [B]

(A) TRUE (B) FALSE

10) Can we pass RECORD GROUP between FORMS ? [B]

(A) YES (B) NO

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DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) - AUTOCAD

CONDUCTED FROM 12-09-2017 to 30-09-2017ACADEMIC YEAR 2016-17

DATE: 30-09-2017 **MAX MARKS: 10**

Student Name: MD Asim

HALL TICKET NO	1	6	0	8	1	D	0	4	0	7

1. Which is the latest version of AutoCAD software? (C)

a) 2016
b) 2017
c) 2018
d) 2019

2. Which key is used to obtain properties palette in AutoCAD? (a)

a) Control+1
b) Control+2
c) Control+3
d) Control+4

3. AutoCAD was first released in the year: (d)

a) 1858
b) 1966
c) 1898
d) 1982

4. How many units are available in AutoCAD? (b)

a) 4
b) 5
c) 7
d) 6

5. Which mode allows the user to draw 90° straight lines : (b)

a) Osnap
b) Ortho
c) Linear
d) Polar tracking

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6. To obtain parallel lines, concentric circles and parallel curves; _____ is used. (d)
a) Array
b) Fillet
c) Copy
d) Offset

7. The default grid spacing in both X and Y directions is: (a)
a) 10
b) 20
c) 5
d) 15

8. How many workspaces are available in AutoCAD? (c)
a) 2
b) 4
c) 3
d) 5

9. Scale command can be accessed easily by typing: (c)
a) SL
b) S
c) SC
d) C

10. Which command is used to divide the object into segments having predefined length? (d)

a) Divide
b) Chamfer
c) Trim
d) Measure

Md Hug

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DEPARTMENT OF MECHANICAL ENGINEERING

ASSESMENT OF CERTIFICATE PROGRAM (ADD-ON) – HVAC

CONDUCTED FROM 21-05-2017 to 27-05-2017 -ACADEMIC YEAR 2016-17

DATE: 27-05-2017 **MAX MARKS: 10**

Student Name: MD Akbar

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

1.) HVAC stands for heating, ventilation and air conditioning: [A]

A: True
B: False

2.) An HVAC system accounts for approximately what percentage of most Americans' total annual energy bill? [D]

A: 10 to 15 percent
B: 20 to 25 percent
C: 30 to 35 percent
D: 40 to 55 percent

3.) Relative humidity refers to: [B]

A: The amount of moisture in the air
B. The amount of moisture in the air relative to the maximum amount possible before the air becomes saturated

4.) Insufficient moisture in a home can cause: [E]

A: Dry, itchy skin
B: Clogged sinuses
C: Aggravated asthma and allergy symptoms
D: Increased risk of bacterial infection
E: All of the above

5.) A zoned HVAC system refers to: [B]

A: Obtaining the proper zoning permits from a municipality
B: Dividing a home into zones equipped with separate thermostats
C: Neither

6.) The advantages of a programmable thermostat are: [D]

A: Lower energy costs
B: Flexible, multi-day programming

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C: The ability to alter temperatures via a smartphone
D: All of the above

7.) The size of a heating system is directly related to how efficiently it heats a home: [B]

A: True
B: False

8.) How often should you check your furnace filter? [B]

A: Once a week
B: Once a month
C: Once a year
D: A homeowner should never check the filter

9.) A cracked heat exchanger on a furnace can cause the flame to: [D]

A: Burn improperly
B: Produce soot
C: Give off carbon monoxide
D: All of the above

10.) AFUE refers to the efficiency rating of: [A]

A: Furnaces and boilers
B: Air conditioners
C: Heat pumps

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"EMBEDDED NETWORKING MODULE"

Conducted from 19th June 2017 to 1st July 2017

by the Department of ELECTRONICS & COMMUNICATION during the academic year 2016-17

Name of the Student: Salmoddin Hall Ticket No. 150819 5703

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

1. Which of the following is a coprocessor of 80386?

a) 80387 b) 8087 c) 8089 d) 8088 (a)

2. Name the processor which helps in floating point calculations.

a) microprocessor b) microcontroller c) coprocessor d) controller View Answer (c)

3. Which is the coprocessor of 8086?

a) 8087 b) 8088 c) 8086 d) 8080 (a)

4. Which of the following is a coprocessor of Motorola 68000 family?

a) 68001 b) 68011 c) 68881 d) 68010 (c)

5. Which of the following processors can perform exponential, logarithmic and trigonometric functions? a) 8086 b) 8087 c) 8080 d) 8088 ( ) X

6. How many stack register does an 8087 have?

a) 4 b) 8 c) 16 d) 32 (b)

7. Which of the following processor can handle infinity values?

a) 8080 b) 8086 c) 8087 d) 8088 (c)

8. Which coprocessor supports affine closure?

a) 80187 b) 80287 c) 80387 d) 8088 (b)

9. Which one is the floating point coprocessor of 80286?

a) 8087 b) 80187 c) 80287 d) 80387 (c)

10. How many pins does 8087 have?

a) 40 pin DIP b) 20 pin DIP c) 40 pins d) 20 pins (d) X

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Md

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"BASICS OF ELECTRONIC CIRCUIT DESIGN"

Conducted from 5th November 2016 to 21st November 2016

by the Department of ELECTRONICS & COMMUNICATION during the academic year 2016-17

Name of the Student: Afroze Shaheen Hall Ticket No. 150818A0402

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

1. Which of the following amplifier is considered linear?
A. Class A
B. Class B
C. Class C
D. Either A or B

(d)

2. The voltage gain of a common collector configuration is
A. Unity
B. Zero
C. Very high
D. Moderate

(a)

3. A two-transistor class B power amplifier is commonly called
A. Push-pull amplifier
B. Dual amplifier
C. Symmetrical amplifier
D. Differential amplifier

(a)

4. If a transistor is operated in such a way that output current flows for 160 degrees of the input signal, then it is _____ operation.
A. Class A
B. Class C
C. Class B
D. Class AB

(b)

5. Which coupling has the best frequency response?
A. Direct
B. RC
C. Transformer
D. Transistor

(a)

6. A transistor amplifier has high output impedance because
A. Emitter is heavily doped

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B. Collector is wider than emitter or base
C. Collector has reverse bias
D. Emitter has forward bias (C)

7. Which of the following is considered an amplifier figure of merit?
A. Gain-bandwidth product
B. Beta (β)
C. Alpha (α)
D. Temperature (A)

8. What piece of equipment in an oscilloscope is used to indicate pulse condition in a digital logic circuit?
A. Probe
B. Test prods
C. Connector
D. Logic probe (D)

9. What linear circuit compares two input signals and provides a digital level output depending on the relationship of the input signals?
A. Comaparator
B. Controller
C. Compressor
D. Switch (A)

10. What type of coupling is generally used in power amplifiers?
A. Transformer
B. Direct
C. RC
D. Inductive (A)

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Assessment of the Certificate Program (Add On)

ETABS

(Conducted from 10-09-2016 TO 29-9-2016 by CIVIL department during the academic year 2016-2017)

Name:- mohammed mugtar Roll No:- 14081A0105

1.In your opinion which is the best software to analyse a 3D frame: [d]
(a) STAAD
(b) ETABS
(c) ABAQUS
(d) A & B

2. Which of these are the various techniques to generate design alternatives? [d]
a) Determine Functional Component
b) Determine Component based quality attribute
c) Modify an existing architecture
d) All of the mentioneD

3 Which of the following truly describes the approach determining functional component? [a]
a) This approach is based on studying the SRS and brainstorming candidate architectural constituents responsible for coherent collections of functional and data requirements
b) This approach begins by forming constituent and constituent relationship to satisfy non functional requirements
c) This approach is used for similar program if architecture is available, it can be used as starting point
d) This approach describes the problem

4.The Nonfunctional components consist of _____ [d]
a) Re usability
b) Adaptability
c) Reliability
d) All of the mentioned

5. Which of the following statement is true? [c]
a) Device interface module is a software simulation of, or interface to, a real hardware device or system
b) A virtual device is a way to design a program with complex interfaces to device or other systems
c) The program units in the device interface module hides all details of interaction with hardware devices d) None of the mentioned

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6. Which of these are followed for an ideal device? [d]
a) Do exactly one job completely
b) Be loosely coupled to the rest of the program
c) Never change interface
d) All of the mentioned

7. Which among these best represents Coupling for an ideal device? [b]
a) Do exactly one job completely
b) Be loosely coupled to the rest of the program
c) Hide its Implementation
d) Never change its interface

8. Which among these best represents simplicity for an ideal device? [d]
a) Do exactly one job completely
b) Be loosely coupled to the rest of the program
c) Have a simple and consistent interface meeting the needs of the rest of the program
d) Never change its interface

9. Which among these are the methods to improve software architecture? [d]
a) Combine Alternatives
b) Impose an architectural style
c) Apply a mid-level design pattern
d) All of the mentioned

10. Which among these signifies Applying mid-level design pattern? [d]
a) The best features of two or more design alternatives can be combined into an improved design
b) The approximate particular style may be improved by modifying them to fit the style exactly
c) The architectural styles applied at low level of abstraction
d) None of the mentioned

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Assessment of the Certificate Program (Add On)

RCC

(Conducted from 19-05-2017 TO 5-06-2017 by CIVIL department During The Academic Year 2016-2017)

Name:- ABDUL RAHEEM Roll No:- 15081A0104

1. If the shear stress in a RCC beam is [d]

a. Equal or less than 5 kg/cm2, no shear reinforcement is provided

b. Greater than 4 kg/cm2, but less than 20 kg/cm2, shear reinforcement is provided

c. Greater than 20 kg/cm2, the size of the section is changed

d. All the above.

2. In a simply supported slab, alternate bars are curtailed at [d]

a. 1/4th of the span

b. 1/5th of the span

c. 1/6th of the span

d. 1/7th of the span

3. Distribution of shear intensity over a rectangular section of a beam follows [C]

a. A circular curve

b. A straight line

c. A parabolic curve

d. An elliptical curve

4.If the ratio of long and short spans of a two way slab with corners held down is r, the actual reduction of BM is given by [d]

a. (5/6) (r/1 + r2)M

b. (5/6) (r2/1 + r2)M

c. (5/6) (r2/1 + r2)M

d. (5/6) (r2/1 + r4)M

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5. An RCC beam of 25cm width has a clear span of 5m and carries a U.D.L of 2000kg/m inclusive of its self weight . If the lever arm of the section is 45 cm., the beam is [a]

a. Safe in shear
b. Is safe with stirrups
c. Is safe with stirrups and inclined members
d. Needs revision of the section

6. The minimum clear cover for RCC column should be [c]

a. greater of 40mm or diameter

b. smaller of 40mm or diameter

c. greater of 25mm or diameter

d. smaller of 25mm or diameter

7. The maximum shear stress (q) in concrete of a reinforced cement concrete beam is [b]

a. shear force/ (lever arm x width)

b. lever arm /(shear force x width)

c. width/(lever arm x shear force)

d. (shear force x width)/ lever arm

8. If the length of an intermediate span of a continous slab is 5m, the length of end span is kept [a]

a. 4.5m

b. 4.0m

c. 3.5m

d. 3.0m

9. A foundation is called shallow if its depth is [d]

a. one fourth of its width

b. half of its width

c. three fourth of its width

d. equal to its width

10. If the sides of a slab simply supported on edges and spanning in two directions are equal, the maximum bending moment is multiplied by [d]

a. 0.2 b. 0.3 c. 0.4 d. 0.5

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SHADAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Peerancheru, Himayat Sagar Road, Hyderabad

Assessment of the Certificate Program (Add On)

DIGITAL MARKETING

(Conducted from 06-06-2017 to 28-06-2017 by MBA department during the Academic Year 2016-17)

NAME OF THE STUDENT: Husna Zafar. 10/10 **DATE: 28-06-2017**
HALL TICKET NO.: 16081E0006 **MAX MARKS: 10**

1) Which of the following is the correct depiction of Digital Marketing? [D]
A) E-mail Marketing
B) Social Media Marketing
C) Web Marketing
D) All of the above

2) _____ doesn't fall under the category of digital marketing. [D]
A) TV
B) Billboard
C) Radio
D) All of the above

3) Which of the following is incorrect about digital marketing? [B]
A) Digital marketing can only be done offline
B) Digital marketing cannot be done offline.
C) Digital marketing requires electronic devices for promoting goods and services.
D) In general, digital marketing can be understood as online marketing, web marketing, and e-mail marketing.

4) How many types of pillars do we have in digital marketing? [B]
A) 1
B) 2
C) 3
D) 4

5) Which of the following is involved in the digital marketing process? [D]
A) RSA
B) Voice Broadcasting
C) Podcasting
D) All of the above

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6) What is considered while creating a front page of the website or homepage? [D]
A) References of other websites
B) A brief elaboration about the company
C) Logos portraying the number of awards won by the web designer
D) None of the above

7) What is the name of the process in which marketing is achieved by incorporating tools, techniques, electronic devices, technologies, or systems? [C]
A) Internet Marketing
B) Direct Marketing
C) Electronic Marketing
D) Interactive Marketing

8) Which of the following is not specifically required by the search engines? [D]
A) Poor user experience
B) Keyword stuffing
C) Buying links
D) All of the above

9) Which of the following factors are responsible for leaving an impact on the Google PageRank? [B]
A) The text depicting inbound links to a page of a website.
B) A total number of inbound links to a website's page.
C) The subject matter of the site providing the inbound link to a page of a website.
D) The number of outbound links on the page that contains the inbound link to a page of a website.

10) The full form of FFA page is _____. [A]
A) Free for All Links
B) Free for Alexa
C) Free for Alternative Links
D) Free for All Search Engine

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ASSESSMENT OF CERTIFICATE PROGRAM (ADD ON)

"COMMUNICATIVE ENGLISH"

Conducted from 12th June 2017 to 24th June 2017

by the Department of ENGLISH during the academic year 2016-17

Name of the Student: Farhan Akhtar Hall Ticket No. 16081A0103

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

7

Instruction : 1. **Do as directed.**

1. Ask them ____ to dinner tomorrow. (use a suitable Infinitive)
2. Each of these colors suits ____ you ____. (use a suitable Pronoun)
3. What is the plural of 'Herd'? ____ Herds ____
4. The old man asked a question. (identify the Adjective in the sentence) 1
5. Drive the car slowly. (identify the Adverb in the sentence) 1
6. Did you drink ____ the ____ coke? (use a suitable Article)
7. You ____ Must ____ obey the traffic rules. (use a suitable Modal Verb)
8. He ____ was sleeping ____ (sleep) when I arrived. (use Past Progressive Tense)
9. ____ Who ____ has the bags? (use a suitable Interrogative Pronoun)
10. She ____ left ____. (complete the sentence using an Intransitive Verb)

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

Certificate Program and Training 2017-18

Subject: PhotoVoltaic **Duration: 30 min**

Student name: mohammad Ahmed ali **Hall Ticket No** 1 7 0 8 1 A 0 2 0 3

Answer All Questions. Each Questions Carry Equal Marks 10

1. The term photo voltaic comes from _____ [B]
a) Spanish b) Greek c) German d) English

2. The term photo voltaic is in use since _____ [C]
a) 1840 b) 1844 c) 1849 d) 1850

3. 4. When the source of light is not sun light then the photo voltaic cell is used as _____ [C]
a) Photo diode b) Photo voltaic cell c) Photo detector d) Photo transmitter

4. 6. The current produce by the solar cell can be given by _____ [A]
a) $I_L - I_D + I_{Sh}$ b) $I_L + I_D - I_{Sh}$ c) $I_L + I_D + I_{Sh}$ d) $I_L - I_D - I_{Sh}$

5. The amount of photo generated current increases slightly with an increase in _____ [A]
a) Temperature b) Photons c) Diode current d) Shunt current

6. Solar cells are made from bulk materials that are cut into wafer of _____ thickness. [D]
a) 120-180μm b) 120-220μm c) 180-220μm d) 180-240μm

7. _____ photo voltaic devices in the form of thin films. [A]
a) Cadmium Telluroide b) Cadmium oxide c) Cadmium sulphide d) Cadmium sulphate

8. Dye-sensitized solar cells are made from _____ organic dye. [A]
a) Ruthium melallo b) Aniline c) Safranine d) Induline

9. Organic polymer solar cells are made from Polyphenylene. [A]
a) True b) False c) None of the above

10. The principle of a solar cell is same as the photodiode. [A]
a) True b) False c) None of the above

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