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**P.G.D.C.A. (Semester – I) (New) (CBCS) Examination, 2017
FUNDAMENTALS OF COMPUTER AND INFORMATION TECHNOLOGY**

Day & Date: Thursday, 04-05-2017

Max. Marks: 70

Time: 10.30 AM to 01.00 PM

N.B. : 1) *All question are compulsory.*
2) *Figures to the right indicate full marks.*

Q.1 Choose the correct alternative.

14

- 1) _____ is a pointing device, which works on the same principle as a trackball.
a) Projector b) Joystick c) Touch Screen d) Keyboard
- 2) LCD stands for _____.
a) Liquid Crystal Display b) Link Crystal Display
c) Linkage Crystal Display d) Link Crystal Date
- 3) _____ is an input device, which translate paper documents into an electronic format, which can be stored in computer.
a) Mouse b) Keyboard c) Scanner d) Joystick
- 4) Base of decimal number is _____.
a) Two b) Ten c) Sixteen d) Eight
- 5) ROM stand for _____.
a) Read Access Memory b) Read only Memory
c) Both A and B d) Radom Access Memory
- 6) LAN stand for _____.
a) Local area Network b) Live area Network
c) Local area Interanet d) Low area Network
- 7) WWW Stand for _____.
a) Win World Web b) Windows Web Windows
c) Windows Wide Web d) World Wide Web
- 8) _____ is the brain of computer.
a) Motherboard b) Hard Disk c) Microprocessor d) Monitor
- 9) Monitors are the most popular output devices used today for producing _____ Output.
a) Hard copy b) Soft copy c) Both A and B d) None of these
- 10) _____ is the network of network.
a) Interanet b) Internet c) Network d) Private Network

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**P.G.D.C.A. (Semester – I) (New) (CBCS) Examination, 2017
INTRODUCTION TO ACCOUNTING PACKAGE & MS-OFFICE**

Day & Date: Friday, 05-05-2017

Max. Marks: 70

Time: 10.30 AM to 01.00 PM

N.B.: 1) All questions are **compulsory**.
2) Figures to the **right** indicate **full** marks.

Q.1 Choose the correct alternatives: 14

- 1) Commission received is _____ Account.
a) Sales b) Nominal c) Purchase d) None of these
- 2) Microsoft Word is _____ Program.
a) Word Processor b) Title Bar c) Spread Sheet d) DBMS
- 3) Tally provides a set of _____ numbers of predefined groups mainly based on the traditional methods of accounting system.
a) 15 b) 28 c) 32 d) 30
- 4) To activate Gateway of tally _____ shortcut key is used.
a) Ctrl+ m b) Ctrl+ p c) Ctrl+ o d) Ctrl+ g
- 5) In Tally, for Receipt Voucher _____ key is used.
a) F6 b) F7 c) F8 d) F9
- 6) Owner account under _____ account group.
a) Capital b) Purchase c) Sales d) Drawing
- 7) Ctrl + O.
a) Save Document b) Print Document
c) Close Document d) Open Document
- 8) Which of the following is not a font style?
a) Bold b) italics c) Regular d) Superscript
- 9) Which of the following is not a type of page Margin?
a) Left b) Right c) Center d) Top
- 10) How many ways you can save a document?
a) 3 b) 4 c) 5 d) 6
- 11) A worksheet can have a maximum of _____ Numbers of Rows.
a) 256 b) 1024 c) 32000 d) 65535

- 12) Which of the following is the default page setup orientation of Slide in Power point.
a) Vertical b) Landscape c) Portrait d) None of above
- 13) Which short cut key inserts a new slide in the current Presentation.
a) Ctrl + N b) Ctrl + m c) Ctrl + s d) All of above
- 14) To insert three columns between columns D and E you would
a) Select Column D b) Select Column E
c) Select Column E, F & G d) Select Column D, E & F

Q.2	A) Explain the features of Microsoft Word.	07
	B) Explain Opening Screen & Creations of Company menu in Tally.	07
Q.3	A) Explain tool bars in page layout tab.	07
	B) Explain the Home tabs in MS-Excel.	07
Q.4	A) What is Tally? Explain list of groups in Tally.	14
	OR	
	B) What is MS-Office? Explain the short cut keys in MS-Word, MS-Excel.	14
Q.5	A) Explain the function key & Short Cut Keys in Tally.	14
	OR	
	B) Explain the tabs in Ms-Power Point.	14

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**P.G.D.C.A. (Semester – I) (New) (CBCS) Examination, 2017
SOFTWARE ENGINEERING WITH ‘C’ PROGRAMMING**

Day & Date: Saturday, 06-05-2017

Max. Marks: 70

Time: 10.30 AM to 01.00 PM

N.B. : 1) All question are **compulsory**.
2) Figures to the **right** indicate **full** marks.

Q.1 Choose the correct alternatives: 14

- 1) Which quality deals with the maintaining the quality of the software product?

a) Quality assurance	b) Quality control
c) Quality efficiency	d) None of these

- 2) What is the full form of SDLC?
 - a) System Design Life Cycle
 - b) Software Design Life Cycle
 - c) System Development Life Cycle
 - d) Software Development Life Cycle

- 3) Which of the following is not a fact-finding technique?

a) Third party enquiry	b) Interview
c) Questionnaire	d) Observation

- 4) Cost-Benefit Analysis is performed during _____.

a) Analysis phase	b) Design phase
c) Feasibility phase	d) Maintenance phase

- 5) The testing of software without the knowledge of source code is called _____.

a) White box testing	b) Black box testing
c) Gray box testing	d) Blue box testing

- 6) Which is not involved in software development process?

a) People	b) Problem	c) Practice	d) Product
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- 7) Every ‘C’ program consists of _____ function(s).

a) Only one	b) Only two	c) One or two	d) One or many
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- 8) Which of following is not a correct data type in ‘C’?

a) float	b) real	c) int	d) double
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- 9) What is the associativity of the conditional operator?

a) Left to right	b) Right to Left
c) Top to Bottom	d) Bottom to Top

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P.G.D.C.A. (Semester – I) (New) (CBCS) Examination, 2017
WEB PROGRAMMING WITH PHP

Day & Date: Monday, 08-05-2017

Max. Marks: 70

Time: 10.30 AM to 01.00 PM

N.B. : 1) All question are **compulsory**.
 2) Figures to the **right** indicate **full** marks.

Q.1 A) Choose the correct alternatives: **14**

- 1) What does PHP stands for?
 - a) Personal Home Page
 - b) Pretext Hypertext processor
 - c) Preprocessor Home Page
 - d) None of these
- 2) PHP files have a default file extension of ____
 - a) .html
 - b) .xml
 - c) .php
 - d) .ph
- 3) A PHP scripts should starts with ____ and end with ____
 - a) <PHP>
 - b) <? PHP?>
 - c) </?>
 - d) <? PHP?>
- 4) Which of the following must be installed on your computer so as to run PHP script?
 - a) Database
 - b) Query
 - c) PHP
 - d) None of these
- 5) We can use ____ to comment a single line.
 - a) /?
 - b) //
 - c) */
 - d) ??
- 6) Which is the following statement will store 111 in variable num?
 - a) int \$num=111
 - b) int num =111
 - c) \$num=111
 - d) None of these
- 7) What will be the output of the following php code


```
<?php
    $num+1;
    $num1=2;
    Echo $num. "+". $num1;
?>
```

 - a) 3
 - b) 1+2
 - c) 1.+2
 - d) Error

Q.1 B) Fill in the blanks **07**

- 1) Numeric array an array with a ____ index.
- 2) ____ function creates an array.
- 3) PHP scripts are executed on the ____.
- 4) A ____ in php code is a line that is not read/executed as a part of program.
- 5) In php all keywords are case ____.
- 6) PHP has ____ different variable scope.
- 7) A variable declared within a function has a ____ scope.

- Q.2** A) What is open source? Explain need of open source technology. **07**
 B) Explain if and if else statement with syntax and suitable example. **07**

- Q.3** A) Explain HTML document structure with suitable example. **07**
 B) What is array? Explain types of array with suitable example. **07**

- Q.4** A) Write a PHP script to insert record into Emp database with following fields in Info table Empno, Ename and Age. **07**
 B) Write a PHP scripts to print records in Emp database with following fields in Info table Empno, Ename and Age. **07**

OR

- A) What is Mysql? Explain Data types in Mysql. **07**
 B) Create a database named Myinfo and table named Master with following filed and insert any 10 records. **07**

Sr. No	Filed Name	Type	Width	Keys
1	RollNumber	Integer		Primary Key
2	Fname	String	20	
3	Lname	String	20	
4	Age	integer		

- Q.5** A) Create a HTML document to insert records like Roll No., First Name, Last Name, Address, City, Date of Birth, Gender use Check Box and Age. **07**

- B) What is variable? Explain rules for naming variable in PHP. **07**

OR

- A) Explain Table tag and its attribute in HTML with suitable example. **07**

- B) Write a php script to print the following output **07**

```

1 2 3 4 5
1 2 3 4
1 2 3
1

```


- 9) Paralanguage is the communication effect of _____.
a) facial expression b) gestures
c) voice variation d) postures
- 10) _____ is not the objective of communication.
a) Motivation b) Invention
c) Raising moral d) Communication for education & training
- 11) _____ is a device for transmitting copies of printed images over telephone lines.
a) Fax b) Xerox
c) Proxemics d) Scanner
- 12) Communication between same level people is called as _____ communication.
a) Grapevine b) Horizontal
c) Vertical d) None of these
- 13) A list of subjects to be discussed in meeting is called _____.
a) Report b) Notice
c) Agenda d) minutes
- 14) _____ is the process of converting words into meaning.
a) Coding b) Decoding
c) Encoding d) None

Q.2 Write the answer of the following questions. (Any two) 14

- 1) Explain the importance of communication.
- 2) What does Horizontal Communication mean? Explain it with examples.
- 3) What are the advantages of Internet? Explain.

Q.3 Write the answer of the following questions. (Any two) 14

- 1) Explain the term modern communication technologies with examples.
- 2) What are the types of report?
- 3) Write a note on Mechanism of Writing?

Q.4 A) You are Satish Mehta, Chatrapati Road, Sadashiv Peth, Pune; Write a **Complaint Letter with reply about your new borrowed but damaged refrigerator: write to The Sales Manager, Daily needs Electronics, Shivaji Nagar, Pune. 14**

OR

B) Draft an **Application Letter for the post of Accountant.**

Q.5 A) Write a detail note on Non Verbal communication with its types, objectives and characteristics? 14

OR

B) What do you mean by good report? State its characteristics and steps. Prepare a report as an example.

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P.G.D.C.A. (Semester – I) (Old) Examination, 2017
FUNDAMENTALS OF COMPUTER & INFORMATION TECHNOLOGY

Day & Date: Thursday, 04-05-2017

Max. Marks: 80

Time: 10:30 AM to 01.30 PM

- N.B. :**
- 1) **Q.1 and Q.7 are compulsory.**
 - 2) Attempt **any two** Questions from **Q .No2, 3 and 4.**
 - 3) Attempt **any one** question between **Q.5 and Q.6.**
 - 4) Figures to the **right** indicate full marks.

Q.1 A) Choose the correct alternative: 08

- 1) _____ is an input device, which paper documents into an electronic format, which can be stored in computer.
 - a) Scanner
 - b) Keyboard
 - c) Touch- Screen
 - d) Mouse

- 2) _____ language understood by the computer without using a translation program.
 - a) Machine
 - b) Assembly
 - c) JAVA
 - d) High level

- 3) In networking, communication rules followed by computers are called as _____.
 - a) Cable
 - b) Data
 - c) Channels
 - d) Protocols

- 4) _____ is the second generation of computer.
 - a) SSI
 - b) IC
 - c) Vacuum Tube
 - d) Transistor

- 5) Base of binary number is _____.
 - a) 16
 - b) 2
 - c) 8
 - d) 10

- 6) Floppy disk can store _____ data and Information.
 - a) 1.44 mb
 - b) 1.44 gb
 - c) 1.42 mb
 - d) 4.44 mb

- 7) BCD stands for _____.
 - a) Both code decimal
 - b) Basic code Decimal
 - c) Binary coded Decimal
 - d) Binary computer disk

- 8) _____ is the brain of computer system.
 - a) Micro processor
 - b) Hard disk
 - c) Sound
 - d) Monitor

B)	State True or False.	08
	1) A joystick is commonly used for game control.	
	2) Magnetic tape is not sequentially accessed storage device.	
	3) In ring topology, token ring method is used to hold any message.	
	4) Vacuum tube is first generation of computer.	
	5) Touch screen is output device.	
	6) Hard disk is the online primary secondary storage media.	
	7) WWW stand for Word Wide Web.	
	8) RAM is primary/main memory computer system.	
Q.2.	A) Carry out the following conversions.	06
	1) $1AC_{16}=?_{10}$ 2) $1101_2=?_{10}$ 3) $10_{10}=?_2$	
	B) What is operating system? Explain with main functions.	06
	C) What are the characteristics of good programming languages?	04
Q.3	A) What is secondary storage? Explain Hard disk in detail.	06
	B) Explain the characteristic of computer.	06
	C) What is BCD?	04
Q.4	A) What is a Machine language? Explain advantages and disadvantages.	06
	B) What is plotter? Explain in detail.	06
	C) Define the term motherboard?	04
Q.5	A) Define the term Network? Explain its types?	08
	B) Explain generation of computer in detail.	08
Q.6	A) What are the different classifications of computer?	08
	B) Explain the block diagram of computer in detail.	08
Q.7	Note on (any four)	16
	1) Star topology	
	2) Passwords and write protection	
	3) MICR	
	4) Assembler	
	5) E-Mail	

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**P.G.D.C.A. (Semester – I) (Old) Examination, 2017
INTRODUCTION TO A/C PACKAGE & MS-OFFICE**

Day & Date: Friday, 05-05-2017

Max. Marks: 80

Time: 10:30 AM to 01.30 PM

- N.B. :**
- 1) **Q.1 and Q.7 are compulsory.**
 - 2) **Attempt any two Questions from Q .No2, 3 and 4.**
 - 3) **Attempt any one question between Q.5 and Q.6.**
 - 4) **Figures to the right indicate full marks.**

Q.1 A) Choose the correct alternative: 08

- 1) _____ is the extension of Ms-Excel files.
a) .doc b) .xls c) .ppt d) .txt
- 2) In Ms-word _____ shortcut key is used to undo typing.
a) Ctrl +z b) Alt+ u c) Shift+ y d) Shift+ u
- 3) In Tally, for memo voucher _____ key is used.
a) F1 b) F10 c) F8 d) F2
- 4) When you need to check the spelling and grammar in your document _____ function key is used.
a) F1 b) F2 c) F10 d) F7
- 5) To change current date from gateway of tally _____ key used.
a) F2 b) Alt+ F c) F5 d) F9
- 6) To cut the text in document _____ shortcut key is used.
a) Ctrl+ x b) Ctrl+ d c) Ctrl+ c d) Ctrl+ p
- 7) Suspense account group is defined under_____
a) Income b) Expenditure c) Liabilities d) Assets
- 8) Which is not view is used in Power Point.
a) Simple b) Slide sorter c) Note page d) Normal

B) State True or False. 08

- 1) .ppt is not extension of power point file.
- 2) After creating a company, many cash accounts can be created.
- 3) In Ms –Excel you can't prepare a new chart.
- 4) Word wrapping feature is available in ms word.
- 5) In Tally, button bar provides quick access to different options.
- 6) MS-Office is Application software.
- 7) A person who owes money to the business is creditor.
- 8) Ctrl + F short cut key is used to find word in ms-word.

SLR-T -7

- Q.2.** A) Explain features of tally, which makes it preferable, are conventional manual accounting. **06**
B) Write down different views are used in Power Point. **06**
C) Explain any four statistical function of MS- Excel. **04**
- Q.3** A) Explain different chart types of MS-Excel. **06**
B) What are functions? Why it is necessary in MS-Excel? **06**
C) Which types of alignments are used in word processor? **04**
- Q.4** A) What are the different views in Power Point? Explain their use. **06**
B) Write down component of Page Layout in MS-Word? **06**
C) Write down short cuts of Copy, Cut, Paste, Undo, Redo, Find and replace? **04**
- Q.5** A) Write down important functions of MS-Word? **08**
B) What are golden rules of account? **08**
- Q.6** A) Explain role of computer in accountancy. **08**
B) Explain different steps, While creating chart in MS-Excel. **08**
- Q.7 Note on (any four)** **16**
1) Column Freezing
2) Debtor
3) Wizards and Templates
4) Mail Merge
5) Toolbar and buttons

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**P.G.D.C.A. (Semester – I) (Old) Examination, 2017
SYSTEM ANALYSIS & DESIGN WITH C PROGRAMMING**

Day & Date: Saturday, 06-05-2017

Max. Marks: 80

Time: 10.30 AM to 01.30 PM

- N.B.:** 1) Q.1 and Q.7 are **compulsory**.
2) Attempt **any two** from Q.No.2, 3, and 4.
3) Attempt **any one** question between Q.No.5 and Q.6.
4) Figures to the **right** indicate **full** marks.

Q.1 Choose the correct alternatives:

16

- 1) ____ basic components of Accounting System.
a) Ledger b) Keyboard c) Records d) Program
- 2) ____ means to find the error.
a) Program b) Testing c) Software d) Design
- 3) The word ____ means different things to different people.
a) Software b) Enterprise c) System d) Element
- 4) ____ is the type of Data field.
a) Char b) Text c) No d) Sysdate
- 5) FFT stands for _____.
a) Fact Finding Technique b) Future Finding Technique
c) Foreign Finding Technique d) First Finding Technique
- 6)  is a flowchart Symbol.
a) Document b) Punched Card
c) Input & Output d) Decision
- 7) DFD Stands for _____.
a) Data Flow Diagram b) Data Future Diagram
c) Data Fast Diagram d) Data First Diagram
- 8) MIS Stands for _____.
a) Marketing Information System
b) Management Information System
c) Man Information System
d) Money Information System
- 9) Meaningful Data is called _____.
a) Data b) Information c) File d) Record

- 10) The C Language was developed in the _____.
 a) 1970 b) 1980 c) 1975 d) 1974
- 11) Writing program code is an ____ activity.
 a) Program b) System Development
 c) Primary d) None of these
- 12) _____ is a Relational Operator.
 a) == b) <> c) ! d) ?
- 13) C language support ____ types of control statement.
 a) goto b) While-do c) Next d) if
- 14) Marketing, Production, Accounting, Material, Personal are the type of _____.
 a) System b) Subsystem c) e-system d) Business System
- 15) _____ programming language used to develop System Software.
 a) C,C++ b) Oracle c) ASP.Net d) Cobol
- 16) EIS stands for _____.
 a) Expert Information System b) Executive Information System
 c) Easy Information System d) Education Information System

- Q.2** **A)** Explain the Business System. **06**
 B) Explain loops While, for, Do-While with example. **06**
 C) Difference between System and Software. **04**
- Q.3** **A)** Write a program to print the given Year is Leap or Not. **06**
 B) What is System? Write down Characteristics of System. **06**
 C) Write short note on "Observation". **04**
- Q.4** **A)** What is flowchart? Draw a symbol of flowchart with Meaning. **06**
 B) Write down system Concept. **06**
 C) Write short note on Data types in C. **04**
- Q.5** **A)** What is mean by Array? Explain the types of Array. **08**
 B) What is mean by System? Explain the types of System **08**
- Q.6** **A)** Write a program to find Largest three Numbers. **08**
 B) Explain the System Development Life Cycle. **08**
- Q.7** **Write short note (Any 4)** **16**
 a) Feasibility Study
 b) History of C
 c) Data flow diagram
 d) System Design
 e) Library System

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P. G. D. C. A. (Semester – I) (Old) Examination, 2017
WEB PROGRAMMING WITH PHP

Day & Date: Monday, 08-05-2017

Max. Marks: 80

Time: 10:30 AM to 01.30 PM

- N.B. :**
- 1) **Q.1 and Q.7 are compulsory.**
 - 2) Attempt **any two** Questions from **Q .No2, 3 and 4.**
 - 3) Attempt **any one** question between **Q.5 and Q.6.**
 - 4) Figures to the **right** indicate full marks.

Q.1 A) Choose the correct alternative:

08

- 1) Which datatypes are treated as arrays
a) Integer b) Float c) String d) Booleans
- 2) Identify the variables scope that is not supported by PHP
a) Local variable b) Variable
c) Global variables d) None of the above
- 3) You can test the type of any variable with the _____ function.
a) whattype() b) showtype() c) gettype() d) settype()
- 4) String values must be enclosed in _____.
a) Single quotes b) Double quotes
c) Both A and B d) None of above
- 5) What is the limit of a PHP integer value?
a) 16384 b) 65536 c) 1048576 d) 2147483647
- 6) PHP does not support number written in hexadecimal, octal or scientific notation.
a) True b) False
- 7) The arguments in a function are evaluated from _____.
a) Left to right
b) Right to left
c) Sometimes left to right and sometimes right to left
d) All of the above
- 8) strlen() returns the length of the string on success and _____ if the string is empty.
a) -1 b) NULL c) Garbage value d) 0

- B) Fill in the blanks** **08**
- 1) _____ functions count elements in an array?
 - 2) When compared to the compiled program, scripts run _____.
 - 3) _____ method is suitable when you need to send larger form submissions.
 - 4) In Switch the _____ statement is used if no match is found.
 - 5) _____ function sort arrays in ascending order.
 - 6) PHP has _____ different variable scope.
 - 7) _____ statement executes some code if one condition is true.
 - 8) The _____ statement is used to create a table in MySQL.
- Q.2. A) Explain data types in Mysql.** **08**
B) Explain decision making statement with suitable example. **08**
- Q.3 A) Explain the need of Open Source.** **08**
B) Explain data type in PHP. **08**
- Q.4 A) Explain Looping statement with suitable example.** **08**
B) Explain Structure of HTML document and Types of tags in Html with suitable example. **08**
- Q.5 A) Explain functions with suitable example.** **08**
B) What is an array? Explain array in php with suitable example. **08**
- Q.6 A) Write a program to print following output using looping statement.** **08**
- ```
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1
```
- B) Create a php/html form which accepts one integer value and print number in reverse order.** **08**
- Q.7 Write short notes.** **16**
- 1) Apache Web Server
  - 2) Creating table and Database in Mysql Server
  - 3) Connecting Mysql table in php
  - 4) History of PHP

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**P.G.D.C.A. (Semester – II) (New) (CBCS) Examination, 2017  
DBMS & RDBMS USING ORACLE**

Day & Date: Thursday, 04-05-2017

Max. Marks: 70

Time: 02.30 PM to 05.00 PM

**Instructions:** 1) All questions are compulsory.  
2) Figures to the right indicate full marks.

**Q.1 Choose the correct alternative:**

**14**

- 1) The overall description of the database is known is \_\_\_\_\_.  
a) Instance      b) Schema      c) Snapshot      d) None of these
- 2) PL/SQL is a \_\_\_\_\_ language.  
a) Programming      b) Procedural      c) Natural      d) All of the above
- 3) The table with columns and rows is called.  
a) Table      b) Relation      c) Key      d) None of these
- 4) An attribute of one table is matching the primary key of another table is called as.  
a) Foreign key      b) Secondary key  
c) Primary key      d) Candidate key
- 5) DCL stands for \_\_\_\_\_.  
a) Data Control Language      b) Data Communication Language  
c) Data Choice Language      d) None of these
- 6) A buffer use to store results of the recent query.  
a) Cursor      b) Triggers      c) Package      d) Exceptions
- 7) \_\_\_\_\_ is DML command.  
a) INSERT      b) INDEX      c) EDIT      d) CUT
- 8) ODBC stands for \_\_\_\_\_.  
a) Open DataBase Connectivity      b) Open Data connection  
c) Online Data Connection      d) None of these above
- 9) \_\_\_\_\_ is a special type of command.  
a) Edit      b) Query      c) Delete      d) Select
- 10) \_\_\_\_\_ is a variable length datatype.  
a) Char      b) Varchar2      c) both a and b      d) None of these









- 8) \_\_\_\_\_ thread is the default thread which starts executing immediately when we start the program.  
a) Main                      b) Sub                      c) Many                      d) None of these
- 9) \_\_\_\_\_ statement is used to display information on the standard output device.  
a) System.out.println();                      b) Print();  
c) System.out.Print();                      d) Outline();
- 10) The default value of a boolean data type is \_\_\_\_\_.  
a) True                      b) False                      c) 5                      d) 9
- 11) Byte code is platform independent.  
a) True                      b) False
- 12) Global variables are supported in java.  
a) True                      b) False
- 13) JDK is a set of various tools and used to develop and execute java Program.  
a) True                      b) False
- 14) A thread in a dead state can run again on the invocation of start() Method.  
a) True                      b) False

- Q.2**    **A)** What is java? Explain its advantages.                      **07**  
          **B)** What is if-else? Explain with suitable example.                      **07**
- Q.3**    **A)** What is variable declaration and initialization? Explain with suitable example.                      **07**  
          **B)** What is AWT? Explain radio button and label with suitable example.                      **07**
- Q.4**    **Solve any two questions.**                      **14**  
**A)** Explain the java virtual machine in detail.  
**B)** What is mean by Thread? Explain its life cycle.  
**C)** Write a program to find out given number even or odd.
- Q.5**    **Solve any two questions.**                      **14**  
**A)** Explain the object oriented concepts in detail.  
**B)** What is Exception? Explain exception handling methods.  
**C)** Explain different data types used in java programming.

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**P.G.D.C.A. (Semester – II) (Old) Examination, 2017  
DBMS AND RDBMS USING ORACLE**

Day & Date: Thursday, 04-05-2017

Max. Marks: 80

Time: 02.30 PM to 05.30 PM

**Instructions:** 1) Q. No.1 and Q. No. 7 are **compulsory**.

2) Attempt **any two** questions from Q.2, 3 and 4.

3) Attempt **any one** questions between Q. No. 5 and Q. No.6.

4) Figures to the **right** indicate **full** marks.

**Q.1 A) Choose the single correct alternative: 08**

- 1) \_\_\_\_\_ is meaning full data.  
a) Data                      b) Information      c) Field                      d) Record
- 2) \_\_\_\_\_ is a data type in Oracle.  
a) Text                      b) Varchar2      c) Both a and b      d) None of these
- 3) Data is a \_\_\_\_\_.  
a) Raw fact and figures                      b) Metadata  
c) Information only                      d) None of these
- 4) DDL stands for \_\_\_\_\_.  
a) Data Definition Language                      b) Data Direct Language  
c) Data Deep Language                      d) None of these
- 5) SQL stands for \_\_\_\_\_.  
a) Simple Query Language                      b) Structured Query Language  
c) Simple Query Language                      d) None of these
- 6) A column a relation is called as a \_\_\_\_\_.  
a) Domain      b) Attribute      c) Relation      d) None of these
- 7) To sort records we use \_\_\_\_\_.  
a) ORDER BY clause                      b) HAVING clause  
c) GROUP clause                      d) none of these
- 8) Select, Insert are \_\_\_\_\_ command.  
a) DMLs                      b) DDLs                      c) VDLs                      d) DCLs

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| <b>B) Answer one sentence:</b>                                           | <b>08</b> |
| 1) What is mean by Data?                                                 |           |
| 2) What is mean by Flowchart?                                            |           |
| 3) What is mean by Query?                                                |           |
| 4) Define Cursor?                                                        |           |
| 5) How many types of Operator?                                           |           |
| 6) Write down two SQL commands.                                          |           |
| 7) Long form of PL/SQL.                                                  |           |
| 8) What is mean by Oracle?                                               |           |
| <b>Q.2 a) Explain the concept of DBMS?</b>                               | <b>06</b> |
| <b>b) Explain the Historical Development of Oracle.</b>                  | <b>06</b> |
| <b>c) Write short note on Functional Dependencies.</b>                   | <b>04</b> |
| <b>Q.3 a) Explain the difference between DBMS and RDBMS.</b>             | <b>06</b> |
| <b>b) Explain the different data types in Oracle.</b>                    | <b>06</b> |
| <b>c) Write short note on features of SQL.</b>                           | <b>04</b> |
| <b>Q.4 a) Difference between SQL and PL/SQL with example.</b>            | <b>06</b> |
| <b>b) Explain the advantages of DBMS.</b>                                | <b>06</b> |
| <b>c) Write short note on Arithmetic function.</b>                       | <b>04</b> |
| <b>Q.5 a) Explain IF-Else, FOR loop, While loop with example.</b>        | <b>08</b> |
| <b>b) What is mean by Cursor? Explain the types of Cursor.</b>           | <b>08</b> |
| <b>Q.6 a) What is Normalization? Explain the types of Normalization.</b> | <b>08</b> |
| <b>b) Write down PI/SQL code to find even &amp; Odd number.</b>          | <b>08</b> |
| <b>Q.7 Write a short note on (any 4)</b>                                 | <b>16</b> |
| <b>a) Codd Rule</b>                                                      |           |
| <b>b) Data models</b>                                                    |           |
| <b>c) SQL function</b>                                                   |           |
| <b>d) Triggers</b>                                                       |           |
| <b>e) GRANT, REVOKE</b>                                                  |           |

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**P.G.D.C.A. (Semester – II) (Old) Examination, 2017**  
**ASP.NET USING C #**

Day & Date: Friday, 05-05-2017

Max. Marks: 80

Time: 02.30 PM to 05.30 PM

- Instructions:**
- 1) Q.1 and Q.7 are **compulsory**.
  - 2) Attempt **any two** Questions from Q. No.2, 3 and 4.
  - 3) Attempt **any one** question between Q.5 and Q.6.
  - 4) Figures to the **right** indicate **full marks**.

**Q.1 Choose the correct alternative: 16**

- 1) MSIL stand for \_\_\_\_\_.
  - a) Microsoft Intermediate Language
  - b) Microsoft system intermediate language
  - c) Micro system internet language
  - d) Microsoft system invoice language
- 2) \_\_\_\_\_ is a simple, modern object oriented and type-safe programming language derived from C + and C++
  - a) C#
  - b) FoxPro
  - c) Cobol
  - d) html
- 3) Every C# executable program must include the \_\_\_\_\_ method in one of the class.
  - a) Start()
  - b) Main()
  - c) Writeline()
  - d) Readline()
- 4) Which of the following are predefined data types used in C#?
  - a) Boolean, numeric, character
  - b) User defined, text, memo
  - c) Data, Varchar, number
  - d) All these above
- 5) \_\_\_\_\_ are defined inside the function are not available outside the function scope.
  - a) Local
  - b) Global
  - c) Auto
  - d) All these above
- 6) \_\_\_\_\_ operators are used for comparing two values or expressions and depending on their relation, take certain decisions.
  - a) Arithmetic
  - b) Bitwise
  - c) Relational
  - d) Increment decrement
- 7) \_\_\_\_\_ is extension of master file in asp.net.
  - a) .master
  - b) .mas
  - c) .mester
  - d) .masp
- 8) Array is the \_\_\_\_\_ defined a data types.
  - a) Build
  - b) User
  - c) System
  - d) Predefined
- 9) \_\_\_\_\_ are basic runtime entity of an object oriented system.
  - a) Objects
  - b) Classes
  - c) Constants
  - d) Both b and c
- 10) ADO stand for \_\_\_\_\_.
  - a) Access data object
  - b) Active duplicate object
  - c) Accurate data object
  - d) Active X data object



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**P.G.D.C.A (Semester – II) (Old) Examination, 2017  
JAVA PROGRAMMING**

Day &amp; Date: Saturday, 06-05-2017

Max. Marks: 80

Time: 02.30 AM to 05.30 PM

- Instructions:** 1) Q.1 and Q.7 are **compulsory**.  
 2) Solve **any two** question from Q. No. 2, 3, and 4.  
 3) Solve **any one** question between Q.5 and Q.6  
 4) Figures to the **right** indicate **full** marks.

**Q.1 A) Choose the correct alternative: 08**

- 1) According to sun syntax of java is based on \_\_\_\_\_.  
 a) Basic      b) C      c) C++      d) All of these
- 2) In java there is automatic \_\_\_\_\_ collection.  
 a) Garbage      b) Memory      c) Both a and b      d) None of these
- 3) We may carry the java \_\_\_\_\_ code to any platform.  
 a) Class file      b) Data      c) Bytecode      d) None of the above
- 4) When one task is performed by different ways i.e known as \_\_\_\_\_.  
 a) Abstraction      b) Inheritance      c) Object      d) Polymorphism
- 5) JVM is platform \_\_\_\_\_.  
 a) Independent      b) Dependant  
 c) Both a and b      d) None of these
- 6) \_\_\_\_\_ is a name of memory location.  
 a) Data type      b) Object      c) Variable      d) None of these
- 7) Default size of Boolean data type is \_\_\_\_\_ bit.  
 a) 0 Bit      b) 1 Bit      c) 2 Bit      d) 3 Bit

**B) Fill in the blanks: 08**

- 1) In java, we use \_\_\_\_\_ class to achieve abstraction.
- 2) JVM Stands for \_\_\_\_\_.
- 3) There are \_\_\_\_\_ types of data types in java.
- 4) \_\_\_\_\_ is a collection of similar type of elements.
- 5) The switch statement executes \_\_\_\_\_ statement from multiple conditions.
- 6) The \_\_\_\_\_ loop is used to traverse array in java.
- 7) If you use \_\_\_\_\_ semi colons in the for loop, it will be infinitive for lop.

