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**P.G.D.C.A. (Semester - I) (CBCS) Examination Mar/Apr-2018
FUNDAMENTALS OF COMPUTER AND INFORMATION TECHNOLOGY**

Time: 2½ Hours

Max. Marks: 70

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

Q.1 Choose the correct alternative. 14

- 1) _____ is the first generation computer.
 - a) Vacuum tube
 - b) Transistor
 - c) IC
 - d) VLSI
- 2) _____ language understood by the computer without using a translation program.
 - a) High level
 - b) Machine
 - c) Java
 - d) C++
- 3) Light pen _____ device.
 - a) Input
 - b) Input and output
 - c) Output
 - d) Joystick
- 4) Base of octal number is _____.
 - a) Two
 - b) Ten
 - c) Sixteen
 - d) Eight
- 5) Monitors are the most popular output devices for producing _____ output.
 - a) Softcopy
 - b) Hardcopy
 - c) Both a and b
 - d) None of these
- 6) E-Mail stands for _____.
 - a) English-Mail
 - b) Electronic Mail
 - c) Easy Mail
 - d) Eco Mail
- 7) _____ is an input device, which translate paper documents into an electronic format, which can be stored in computer.
 - a) Scanner
 - b) Keyboard
 - c) Mouse
 - d) None of these
- 8) RAM is also known as _____ Memory.
 - a) secondary
 - b) primary
 - c) Both a and b
 - d) None of these
- 9) _____ is one type of operating system.
 - a) Linux
 - b) MS-Office
 - c) Page marker
 - d) Internet
- 10) _____ is the network of network.
 - a) Internet
 - b) Intranet
 - c) Network
 - d) Private Network
- 11) Super computer is largest computer.
 - a) True
 - b) False

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P.G.D.C.A. (Semester - I) (CBCS) Examination Mar/Apr-2018
INTRODUCTION TO ACCOUNTING PACKAGE AND MS-OFFICE

Time: 2½ Hours

Max. Marks: 70

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

Q.1 A) Choose the correct alternatives: **07**

- 1) Labor related to manufacturing of product can be classified under
 - a) direct manufacturing labor costs
 - b) indirect manufacturing labor costs
 - c) work in process cost
 - d) finished costs
- 2) _____ the Receiver and Credit the Giver.
 - a) Debit
 - b) Sale Goods
 - c) Purchase Goods
 - d) Both a, b
- 3) _____ account relates to property which may either come into the business or go from business.
 - a) Cost
 - b) Real
 - c) Indirect
 - d) None
- 4) All accounts other than personal accounts are known as _____ accounts.
 - a) Personal
 - b) Impersonal
 - c) Impersonal
 - d) None
- 5) An account relating to business expense, income, gain and loss is called _____ account.
 - a) Nominal
 - b) Real
 - c) Personal
 - d) Both b and c
- 6) Which is not a font style?
 - a) Bold
 - b) Superscript
 - c) Italic
 - d) Regular
- 7) Landscape is?
 - a) A font style
 - b) Paper Size
 - c) Page Layout
 - d) Page Orientation

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

- 1) _____ Assets are the things and properties possessed by a businessman not for resale but for the use in the business.
- 2) All the amounts payable by a business concern to outsiders are called _____.
- 3) _____ is the person who owes amounts to the businessman.
- 4) _____ is a statement of assets and liabilities.
- 5) _____ shortcut key is used to close company which is opened.
- 6) _____ shortcut key to quits the screen without making any changed to it.
- 7) _____ shortcut key is used for Calculator screen.

Q.2 A) What is Account? Explain golden rules of account. **07**

B) What is Tally? Explain uses of Tally. **07**

- Q.3** **A)** What is MS-WORD? Write advantages of MS-WORD. **07**
B) What are the most important data formats seen in Excel, and how are they used? **07**
- Q.4** **A)** What is function in Excel? Explain with example. **07**
B) Explain different views in MS-WORD. **07**
- Q.5** **A)** What is PowerPoint? Write the uses of PowerPoint. **07**
B) Write detail step to create a PowerPoint presentation for your seminar topic. **07**
- OR**
- A)** Draw a screen of gateway of Tally and Explain. **07**
B) Explain any 7 function keys used in Tally. **07**

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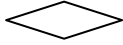
P.G.D.C.A. (Semester - I) (CBCS) Examination Mar/Apr-2018
SOFTWARE ENGINEERING WITH 'C' PROGRAMMING

Time: 2½ Hours

Max. Marks: 70

- Instructions:** 1) Q.1 and Q.7 are compulsory.
 2) Solve any two from Q.2 to Q.4.
 3) Solve any One form Q.5 to Q.6.

Q.1 Select the most correct alternative and rewrite the following sentences. 14

- 1) _____ is a characteristic of System.
 - a) Goal
 - b) Achievement
 - c) Life
 - d) Input
- 2) _____ is the element of system.
 - a) Programmer
 - b) Project Manager
 - c) Process
 - d) Database administer
- 3) SDLC stands for _____.
 - a) Software Development Life Cycle
 - b) Security Development Life Cycle
 - c) System Development Life Challenge
 - d) System Development Life Cycle
- 4)  is a flowchart Symbol.
 - a) Sorting
 - b) Decision
 - c) Input
 - d) Document
- 5) _____ is software product.
 - a) Code design
 - b) Engineering
 - c) Methods
 - d) Problem
- 6) _____ is all about developing product, Well-defined, scientific principles and methods.
 - a) Engineering
 - b) Scientist
 - c) Software
 - d) System Analysis
- 7) TPS long form of _____.
 - a) Travelling Processing System
 - b) Transaction Processing System
 - c) Transfer Processing System
 - d) Turbo Processing System
- 8) Which quality deals with a maintaining the quality of the software Product.
 - a) Quality Assurance
 - b) Quality Control
 - c) Quality Efficiency
 - d) None of these
- 9) _____ is types of variable.
 - a) Local
 - b) Text
 - c) Date
 - d) Decimal
- 10) Which of the following is relational operator?
 - a) <=
 - b) &&
 - c) ||
 - d) |

- 11) C Programming language is developed by _____.
 - a) Dennis M. Ritchie
 - b) Dennis Bell
 - c) Bill Gate
 - d) Donald
- 12) _____ is type of loops available in C-Program.
 - a) Do-While
 - b) While loop
 - c) for....Next
 - d) None of these
- 13) _____ is features of C language.
 - a) Flexibility
 - b) Large Size
 - c) Low level Lang
 - d) None of these
- 14) _____ is data types in C-Language.
 - a) Double
 - b) Text
 - c) Number
 - d) Varchar

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| Q.2 | a) Explain the elements of system. | 05 |
| | b) Write a C Program to find Even and Odd Number. | 05 |
| | c) Short note on Qualities of Software. | 04 |

- | | | |
|------------|--|-----------|
| Q.3 | a) Explain white Box & Black Box Testing. | 05 |
| | b) Write down Data types in C-language with example. | 05 |
| | c) Short note on Result System. | 04 |

- | | | |
|------------|---|-----------|
| Q.4 | a) Explain the role of System Analysis. | 05 |
| | b) Write down C Program to find Positive and Negative Number. | 05 |
| | c) Write short note an Array. | 04 |

- | | | |
|------------|--|-----------|
| Q.5 | a) What is mean by system? Explain the type of System. | 07 |
| | b) Explain the Types of Operator in C-Language. | 07 |

- | | | |
|------------|---|-----------|
| Q.6 | a) What is Flowchart? Which symbols are used? | 07 |
| | b) Write a program to print following output on the Screen. | 07 |

```

XXXXX
XXXX
XXX
XX
X
  
```

- | | | |
|------------|----------------------------------|-----------|
| Q.7 | Write short note. (Any 4) | 14 |
| | a) Fact finding Techniques | |
| | b) Waterfall Model | |
| | c) Library System | |
| | d) Function of C | |
| | e) Control Structures | |

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**P.G.D.C.A. (Semester - I) (CBCS) Examination Mar/Apr-2018
WEB PROGRAMMING WITH PHP**

Time: 2½ Hours

Max. Marks: 70

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

- Q.1 A) Choose the correct alternative. 14**
- 1) Which of following commenting is supported by PHP.
 - a) Single line c++ syntax - //
 - b) Shell syntax - #
 - c) Both of above
 - d) None of above
 - 2) Which of the following function return 1 when output is successful?
 - a) echo ()
 - b) print ()
 - c) both
 - d) None
 - 3) Which of the following data type is compound datatype supported by PHP.
 - a) Array
 - b) String
 - c) Float
 - d) Boolean
 - 4) How to assign a variable in PHP?
 - a) \$a=4;
 - b) #a=4;
 - c) *a=4;
 - d) @==4;
 - 5) Which keyword is used to define constant in PHP.
 - a) constant
 - b) define();
 - c) clear
 - d) NOT
 - 6) USE of echo in PHP?
 - a) to print string
 - b) to call Function
 - c) To define Constant
 - d) None of the above
 - 7) PHP is _____?
 - a) Server side scripting language
 - b) client side
 - c) both side
 - d) None of the above
- B) Fill in the blanks: 07**
- 1) _____ are used to execute the same block of code again and again.
 - 2) The _____ loop is used to iterate over arrays.
 - 3) The _____ operator provides a shorthand way of writing the if-else.
 - 4) The _____ operators are used to compare two values in a Boolean fashion.
 - 5) There are _____ types of arrays used in PHP.
 - 6) _____ reduces the repetition of code within a program.
 - 7) A _____ is a matrix with data.
- Q.2 A) What is open source technology? Explain. 06**
- B) What is variable in PHP? Explain with suitable example. 04**
- C) Explain
 tag in Html with suitable example. 04**
- Q.3 A) What is PHP? Explain uses of PHP. 06**
- B) Explain While statement with suitable example. 04**
- C) What is XAMPP server? Explain. 04**

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P.G.D.C.A. (Semester - I) (CBCS) Examination Mar/Apr-2018
COMMUNICATION SKILLS

Time: 2½ Hours

Max. Marks: 70

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

Q.1 Rewrite the following sentences by choosing the correct alternative. 14

- 1) _____ refers to the physical barriers of the communication.
 - a) Nonsense
 - b) Noise
 - c) Nowhere
 - d) Nobody
- 2) Our dress code is an example of _____ communication.
 - a) verbal
 - b) nonverbal
 - c) written
 - d) spoken
- 3) Letter, e-mail, telephone etc. are _____ of communication.
 - a) message
 - b) feedback
 - c) channel
 - d) encoding
- 4) Message is any signal that triggers the response of a _____.
 - a) receiver
 - b) driver
 - c) sender
 - d) cleaner
- 5) Those who listen to a speaker are _____.
 - a) audience
 - b) listeners
 - c) addressees
 - d) all of them
- 6) The message may be misinterpreted because of _____.
 - a) Barriers
 - b) Distortions
 - c) Distractions
 - d) Noise
- 7) People cannot interact with each other without _____.
 - a) Communication
 - b) Transport
 - c) Voice
 - d) Loudspeaker
- 8) Communication is the process of _____.
 - a) Creating shared understanding
 - b) Speaking and listening
 - c) Understanding the opponent ideas
 - d) Making yourself clear
- 9) Communication is affected by _____ Context.
 - a) Psychological
 - b) Environmental
 - c) Cultural
 - d) All of them
- 10) The following is the permanent records for business.
 - a) Business letters
 - b) Ledgers
 - c) Production reports
 - d) All of the above
- 11) Body of a letter is divided into _____ parts.
 - a) 1
 - b) 2
 - c) 3
 - d) 4

12) The word communication is derived from Communis (Latin) which means

- a) Oral Speech
- b) Common
- c) Message
- d) Community

13) _____ context refers to the similarity of backgrounds between the sender and the receiver.

- a) Physical
- b) Social
- c) Chronological
- d) Cultural

14) Communication is the task of imparting _____.

- a) Training
- b) Information
- c) Knowledge
- d) Message

Q.2 Answer the following questions. 14
a) Explain the five C's of communication.
b) Explain the mechanism of Writing Skills?

Q.3 Answer the following questions. 14
a) Distinguish between upward & downward communication.
b) What are the factors to be considered while writing a Report?

Q.4 What is non verbal communication? Explain its components in detail. 14

OR

What do you understand by group discussion? Explain the process and guidelines for effective group discussion.

Q.5 WANTED: A fast, accurate and hard-working Stenographer. Apply to, Box No. 67890, The Times of India, Aurangabad, giving full particulars and salary expected. 14

OR

As the Sales Manager of Laptop manufacturing company, you conducted a market survey & noticed a decline in the sales of your product. Write a **Report** on your market survey & suggest steps to boost the sales.

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P.G.D.C.A. (Semester - II) (CBCS) Examination Mar/Apr-2018
DBMS AND RDBMS USING ORACLE

Time: 2½ Hours

Max. Marks: 70

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

Q.1 Choose the correct alternative:**14**

- 1) A _____ in a table represents a relationship among a set of values.
 - a) Column
 - b) Key
 - c) Row
 - d) Entry
- 2) The term attribute refers to a _____ of a table.
 - a) record
 - b) column
 - c) tuple
 - d) key
- 3) The term _____ is used to refer to a row.
 - a) attribute
 - b) tuple
 - c) field
 - d) instance
- 4) Which of the following is not an integrity constraint?
 - a) Not Null
 - b) Positive
 - c) Unique
 - d) Check
- 5) Foreign key is the one in which the _____ of one relation is referenced in another relation.
 - a) foreign key
 - b) primary key
 - c) references
 - d) check constraint
- 6) Aggregate functions are the functions that take a _____ as input and return a single value.
 - a) collection of values
 - b) single value
 - c) aggregate value
 - d) none of these
- 7) All the aggregate functions except _____ ignore null values in their input collection.
 - a) Count(attribute)
 - b) Count(*)
 - c) avg()
 - d) Sum()
- 8) In the _____ normal form, a composite attribute is converted to individual attributes.
 - a) first
 - b) second
 - c) third
 - d) fourth
- 9) CREATE TABLE EMPLOYE(NAME VARCHAR2(10), ID NUMBER(3)),
 What type statement is this?
 - a) DML
 - b) DCL
 - c) View
 - d) DDL
- 10) Which of the following performs pattern matching?
 - a) BETWEEN
 - b) LIKE
 - c) EXISTS
 - d) None of these

- 11) In SQL, which of the following is not a data definition language command?
- a) Rename
 - b) Revoke
 - c) Grant
 - d) Update
- 12) Which of the following SQL commands is used to retrieve table data?
- a) Delete
 - b) Insert
 - c) Select
 - d) Join
- 13) _____ increases database security.
- a) Trigger
 - b) Cursor
 - c) Join
 - d) Sub query
- 14) GRANT is not assign privileges to a user.
- a) True
 - b) False

- Q.2** a) What is oracle? Explain historical development of oracle. **07**
b) Explain DDL, DML and DCL. **07**
- Q.3** a) What is sub query? Explain nested sun query. **07**
b) Write a PL/SQL code block to print the multiplication table of a given number. **07**
- Q.4** **Solve any one from the following.** **14**
a) Explain different control statement in PL/SQL.
b) What is Cursor? Explain types of cursor.
- Q.5** **Solve any one from the following.** **14**
a) What is trigger? What are the types of trigger? Explain with syntax and suitable example.
b) Discuss on 'Normalization.'

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P.G.D.C.A. (Semester - II) (CBCS) Examination Mar/Apr-2018
ASP.NET USING C#

Time: 2½ Hours

Max. Marks: 70

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

Q.1 Choose the correct alternative:**14**

- 1) C# file has _____ Extension.
 - a) .cs
 - b) .aps
 - c) .doc
 - d) .xls
- 2) _____ is default scripting language in ASP.NET.
 - a) java script
 - b) VB script
 - c) Ecma script
 - d) html script
- 3) _____ control provides a user interface to ADO.NET datasets, displays ADO.NET tabular data in a scrollable grid, and allows for updates to the data source.
 - a) DataGrid
 - b) TreeView
 - c) DataView
 - d) TableView
- 4) Which of the following denote ways to manage states in ASP.NET application?
 - a) Session objects
 - b) Application objects
 - c) View state
 - d) All these above
- 5) CSS stand for _____.
 - a) cascading style sheet
 - b) common style sheet
 - c) casa style sheet
 - d) cascading simple sheet
- 6) _____ and _____ languages can be used to write server side scripting in ASP.NET
 - a) C-sharp , VB
 - b) C , C++
 - c) C, Java
 - d) Both a and b
- 7) _____ is extension of master file in asp.net
 - a) .master
 - b) .aspx
 - c) .asp
 - d) .html
- 8) _____ is not a member of ADODB Command object.
 - a) Execute Stream
 - b) Execute Reader
 - c) Command Text
 - d) Execute scalar
- 9) By default, ASP.NET store Session IDs in _____.
 - a) Cache
 - b) Cookies
 - c) database
 - d) global variable
- 10) _____ variables are defined inside the function are not available outside the function scope.
 - a) local
 - b) static
 - c) reference
 - d) none of these
- 11) The if-else-if ladder, also known as the if-else-if staircase statement.
 - a) True
 - b) False

- 12) An Operator is a symbol that tell computer to perform certain mathematical or logical manipulations.
 - a) True
 - b) False
- 13) sbyte valid data type in C#.
 - a) True
 - b) False
- 14) The Reference type contains the reference where the data is stored are allocated on the heap.
 - a) True
 - b) False

Q.2 a) What is ASP.NET? Explain its features. **07**
b) What is master page? Explain it advantages. **07**

Q.3 a) Explain Common Languages Runtime (CLR). **07**
b) What is if-else? Explain its flowchart, syntax and suitable example. **07**

Q.4 **Solve any two Questions.** **14**

- a) Explain data types used in asp.net.
 - b) What are the web forms? Explain web form creating steps.
- OR**
- c) Explain the cookies in detail.
 - d) Write a program in C# to print following output using for loop.
1 2 3 4 5
1 2 3 4
1 2 3
1 2
1

Q.5 **Solve any two Questions.** **14**

- a) Explain object oriented concept in detail.
 - b) What is an array? Explain its types in detail.
- OR**
- c) What is operator? Explain arithmetic and relational operator with suitable example.
 - d) Write a program to accept three numbers and find out largest number among these numbers in C#.

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P.G.D.C.A. (Semester - II) (CBCS) Examination Mar/Apr-2018
JAVA PROGRAMMING

Time: 2½ Hours

Max. Marks: 70

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

Q.1 Choose the correct alternative:**07**

- 1) The _____ modifier is accessible only within package.
 - a) Default
 - b) Variable
 - c) Constant
 - d) All of these
- 2) The Protected access modifier can be applied on the data member, method and _____.
 - a) Destructor
 - b) Constructor
 - c) Function
 - d) None of these
- 3) Checked exceptions are checked at _____ time.
 - a) Compile time
 - b) Runtime
 - c) Both a and b
 - d) None of these
- 4) Java _____ block is used to enclose the code that might throw an exception.
 - a) Catch
 - b) Finally
 - c) Try
 - d) None of these
- 5) Java uses the concept of _____ to make I/O operation fast.
 - a) OOP
 - b) Object
 - c) Stream
 - d) None of these
- 6) _____ is basically a lightweight sub-process, a smallest unit of processing.
 - a) Program
 - b) Thread
 - c) Function
 - d) None of these
- 7) Java _____ is an API to develop GUI or window-based applications in java.
 - a) AWT
 - b) ATW
 - c) Both a and b
 - d) None of these

B) Fill in the blank.**07**

- 1) Static variables are also known as _____ variables.
- 2) This key word can be used to refer _____ class instance variable.
- 3) The private access modifier is accessible only within _____.
- 4) The exception handling in java is one of the powerful mechanisms to handle the _____ errors.
- 5) There are mainly two types of exceptions: checked and _____.
- 6) If we divide any number by zero, there occurs an _____.
- 7) Java application uses an _____ stream to read data from a source.

Q.2 a) What is Array? Explain types of array in java with suitable example.**07****b) What is OOP? Explain Object, Classes and Methods in java.****07**

- Q.3** a) What is Variable in java? Explain with suitable example. **07**
b) Explain operators in java? With suitable example. **07**

- Q.4** a) What is looping? Explain looping statement with suitable example. **07**
b) Write a program to print following output. **07**

1 2 3 4 5

1 2 3 4

1 2

1

- Q.5 Explain following.**
- a) Decision making statement in java **06**
b) File handling in java **04**
c) Try catch block in java **04**