

Seat No.	
----------	--

**B.C.A. (Semester - VI) (Old) (CGPA) Examination Oct/Nov-2019
ADVANCED JAVA - II**

Day & Date: Friday, 08-11-2019
Time: 08:00 AM To 10:30 AM

Max. Marks: 70

- Instructions:** 1) Question no. 1) and 7) are compulsory.
2) Solve any two questions from Question no. 2), 3) and 4).
3) Solve any one question from Question no. 5) and 6).
4) Figure to the right indicates full marks.

Q.1 Fill in the blanks by choosing correct alternatives given below.

14

- 1) What does "<generator class='native' / >" means?
 - a) generate primary key
 - b) generate tables based on configuration
 - c) generate sql statement on configuration
 - d) none
- 2) Which JSP tag is used for java bean?

a) jsp:useBean	b) JSP:setProperty
c) jsp:getProperty	d) All of these
- 3) Hibernate framework is used for _____.

a) Database mapping	b) Design Web pages
c) Data Validation	d) All of these
- 4) Spring JdbcTemplate classes are defined in _____.

a) org.springframework.dao	b) org.springframework.ado
c) java.springframework.dao	d) javax.springframework.dao
- 5) Which taglib attribute is used for JSTL in JSP.

a) Uri	b) Prefix
c) uri and prefix	d) URL
- 6) If you don't use @Table annotation, hibernate will use the _____ as the table name by default.

a) Class Name	b) HibernateTable
c) Object Name	d) AnnotationTable
- 7) Which property are used to configure driver class in hibernate?
 - a) hibernate.connection.driver_class
 - b) hibernate.connection.datasource
 - c) hibernate.connection.driver.oracle
 - d) hibernate.connection.driver
- 8) In which inheritance strategy, we can map the whole hierarchy by single table only and an extra column also known as discriminator column.

a) TPH	b) TPC
c) TPS	d) All of these
- 9) Which dialect class of hibernate is used for MySql Database?
 - a) org.hibernate.MySQLDialect
 - b) org.hibernate.dialect.MySQLDialect
 - c) org.hibernate.dialect.*;
 - d) none of these

Seat No.	
----------	--

**B.C.A. (Semester - VI) (Old) (CGPA) Examination Oct/Nov-2019
CYBER LAWS AND SECURITY CONTROL**

Day & Date: Monday, 11-11-2019
Time: 08:00 AM To 10:30 AM

Max. Marks: 70

- Instructions:** 1) Q.1 and Q.7 is compulsory.
2) Figures to the right indicate full marks.
3) Solve any two questions from Q.2 to Q.4
4) Solve any one question from Q.5 and Q.6

Q.1 A) Fill in the blanks by choosing correct alternatives given below. 09

- 1) In _____ backup When a file is backed up, the archive attribute is cleared.
 - a) Normal
 - b) Copy
 - c) Daily
 - d) None
- 2) In _____ you send large numbers of mails to the individual or company or mail servers for crashing of network.
 - a) E-mail
 - b) Salami attack
 - c) Logic bomb
 - d) None
- 3) _____ may be defined as Unsolicited Bulk E-mail.
 - a) Spoofing
 - b) Spam
 - c) Thrash
 - d) none
- 4) Misuse of digital signature is coming under section _____ of IT Act 2000.
 - a) 66A
 - b) 66B
 - c) 66C
 - d) 66D
- 5) In which year India's IT Act is amended came into existence?
 - a) 2000
 - b) 2008
 - c) 2004
 - d) 2003
- 6) When the software is free to copy is known as _____.
 - a) shareware
 - b) freeware
 - c) liveware
 - d) none
- 7) EDI stands for _____.
 - a) Electronic Data Information
 - b) Electronic Data Interchange
 - c) Electronic Data Internet
 - d) None
- 8) Currency can be replaced with _____ in the e-commerce transaction for payment.
 - a) Credit card
 - b) Login
 - c) Userid
 - d) None
- 9) _____ key is used to symmetric key cryptography.
 - a) Public
 - b) Private
 - c) Both a and b
 - d) none

- Q.1 B) State true or false. 05**
- 1) Logic bomb crashes the computer when designated event will occurs.
 - 2) EDI is not useful to electronically transmit documents.
 - 3) Data protection deals with tampering of data.
 - 4) Conversion of cipher text into plain text is called as encryption.
 - 5) Authentication is used to identify the user.
- Q.2 Answer the following questions. (Any Two) 14**
- 1) Explain benefits of E-commerce.
 - 2) Which are the features of IT act amendment 2008?
 - 3) Explain various backup and recovery strategies.
- Q.3 Answer the following questions. (Any Two) 14**
- 1) Explain physical and logical security.
 - 2) Explain intellectual property rights in detail.
 - 3) Explain applications of UNCITRAL model law.
- Q.4 Answer the following questions. (Any Two) 14**
- 1) Explain applications of E-commerce.
 - 2) Explain theft of information.
 - 3) Explain Data protection in detail.
- Q.5 a) Explain authentication protocols. 07**
b) Explain criminal aspect in cyber law. 07
- Q.6 a) Explain basic types of backup. 07**
b) Explain EDI in detail. 07
- Q.7 Write Short Notes (Any Two) 14**
- a) Authentication and authorization
 - b) Security aspect
 - c) Threats to security

Seat No.	
----------	--

B.C.A. (Semester - VI) (Old) (CGPA) Examination Oct/Nov-2019
SOFTWARE PROJECT MANAGEMENT

Day & Date: Thursday, 14-11-2019
 Time: 08:00 AM To 10:30 AM

Max. Marks: 70

- Instructions:** 1) Question 1 and Question 7 are compulsory.
 2) Figures to the right indicate full marks.
 3) Solve any two questions from Question 2 to Question 4.
 4) Solve any one question from Question 5 to Question 6.

Q.1 Fill in the blanks by choosing correct alternatives given below. 14

- 1) In _____ method of estimation, the component tasks are identified and sized and these individual estimates are aggregated.
 - a) top down
 - b) bottom up
 - c) Parkinson
 - d) parse down
- 2) In Oldham-Hackman job characteristics model, _____ is the degree to which your job has an influence on others.
 - a) task identity
 - b) autonomy
 - c) skill variety
 - d) task significance
- 3) 3KLOC = _____ LOC
 - a) 300
 - b) 3000
 - c) 30000
 - d) 300000
- 4) _____ is based on the idea of some kind of authority or power.
 - a) Decision making
 - b) Motivation
 - c) Leadership
 - d) Organization behavior
- 5) Which of the following is not an activity of identify project scope and objectives?
 - a) Identify Project team Organization
 - b) Establish project authority
 - c) Identify all Stakeholders
 - d) Establish methods of communication with all parties
- 6) In project reporting, project manager reports to _____.
 - a) team leader
 - b) project member
 - c) steering committee
 - d) quality section
- 7) _____ is the time between the start and end of task.
 - a) Waiting time
 - b) Turnaround time
 - c) Elapsed time
 - d) None of these
- 8) _____ is simplest & oldest technique for tracking project progress.
 - a) Slip chart
 - b) Gantt chart
 - c) Ball chart
 - d) None of these
- 9) Stakeholders are peoples who have a stake or interest in the project.
 - a) True
 - b) False
- 10) Groups of methods or techniques are often referred as _____.
 - a) Plan
 - b) Group plan
 - c) Activities
 - d) Methodologies

- 11) Prototypes can be classified as _____.
a) Throw-away prototype b) Evolutionary Prototype
c) Both a and b d) None of these
- 12) _____ quality factor describe the extent to which a program can be used in other application.
a) Portability b) Reusability
c) Integrity d) Testability
- 13) The relationship between the products can be documented in _____ structure.
a) Work breakdown b) Product hierarchy
c) Product breakdown d) System flow
- 14) _____ consists of listing all of the risks that can adversely affect the successful execution of the project.
a) Risk identification b) Risk estimation
c) Risk evaluation d) Risk planning

Q.2 Attempt any two of the following questions. 14

- 1) What is a project? What is the difference between feasibility study and planning?
- 2) Explain different motivation techniques.
- 3) Explain V-Process model in detail.

Q.3 Attempt any two of the following questions. 14

- 1) Explain cost benefit evaluation techniques.
- 2) Explain in detail about creating the framework for monitoring & control.
- 3) Explain different categories of resources.

Q.4 Attempt any two of the following questions. 14

- 1) Explain Albrecht function point analysis.
- 2) Explain different types and stages in contract management.
- 3) What is Project Schedule? Explain the approach of Project Schedules.

Q.5 Attempt the following questions. 14

- a) Explain software effort estimation technique.
- b) Explain stepwise overview of project planning.

Q.6 Attempt the following questions. 14

- a) What are the techniques used in visualizing progress in detail with example.
- b) Explain the different techniques for enhancing the quality of software project.

Q.7 Write short notes. (Any Two) 14

- 1) The forward pass and backward pass
- 2) RAD
- 3) COCOMO model

- 11) WCF is nothing but _____.
 a) Window Communication Foundation
 b) Window Common Foundation
 c) Window Communication Form
 d) Window Common Form
- 12) _____ attribute of the <siteMapNode> is used to display tool tip text.
 a) URL
 b) ToolTipText
 c) Text
 d) Description
- 13) _____ control is used to displaying all validation messages in one location.
 a) Repeater
 b) Adrotator
 c) Validator
 d) Validationsummary
- 14) Every master page contains at least one <asp:Content> tag.
 a) True
 b) False

Q.2 Answer the following questions. 14

- a) What is dot net framework? Explain services provided by CLR.
 b) What is Personalization? Explain Anonymous Personalization with example.

Q.3 Answer the following questions. 14

- a) What are Client side and Server side Validations? Explain all validations used in Asp.Net with example.
 b) Explain Client side and server side AJAX in detail.

Q.4 Answer the following questions. 14

- a) What is use of AdRotator control? Explain with example.
 b) Explain Silverlight Architecture in detail.

Q.5 Answer the following questions. 14

- a) What is client side state management? Explain different client side state management in Asp.Net.
 b) What is site navigation? Explain sitemap file with example.

Q.6 Answer the following questions. 14

- a) Design web page which add 10 different events in calendar and display calendar with these event.
 b) Explain web site administrator tool in detail.

Q.7 Write short notes.

- a) SOAP **04**
 b) Need of Master Pages **04**
 c) App_ Global Resources adnApp_Local_Resources **04**
 d) Web page life cycle **02**