

Rayat Shikshan Santha's  
Yashavantrao Chavan Institute of Science, Satara (Autonomous)  
Department of Computer Science (Entire)  
Question Bank  
BCSET 601 Advance Java.

❖ **Answer in one sentence**

1. What is AWT?
2. What is Permanent cookies?
3. What is JDBC?
4. Name the any four components of JSP.
5. What are the types of Session?
6. What is JSP?
7. Name the any four components of Swing.
8. What is JFC?
9. Write any two disadvantages of Servlet.
10. Define JDBC Drivers.
11. What is Swing?
12. What is Session cookies?
13. Write any two advantages of Servlet?
14. Name the any four components of AWT.
15. What are the types of Drivers?
16. Define the term sessions .
17. How to create a table in MySQL?
18. Define the term Cookies.
19. what is JDBC.
20. Define the term Database.
21. Which command is used to create a table?
22. What is the syntax for creating database?
23. Which command is used to update records in a table?
24. Define the term sessions.
25. How to delete sessions?

## ❖ Long Answer Questions.

1. What are Types of Drivers? Explain with diagram.
2. Explain MVC architecture with diagram.
3. What is Swing? Explain components of Swing.
4. What are Packages in Servlet? Explain.
5. Write steps in connecting to database.
6. What is AWT? Explain components of AWT.
7. Explain inserting and deleting records from a table in brief.
8. What is JSP? Explain components of JSP.
9. Explain any two layout of AWT with example.
10. Explain Model diagram of Servlet.
11. Explain updating and inserting records in the table in detail.
12. Explain Databases in detail.
13. Explain Border Layout with program.
14. Write a AWT program to create Login Page.
15. How to create and delete cookies?

## ❖ Short Answer Questions.

1. Write difference between JSP and Servlet.
2. What are the disadvantages of Servlet?
3. Explain how Servlet works?
4. Explain Life Cycle method in JSP.
5. Write short note on Session.
6. Write implicit objects of JSP.
7. Write a short note on Constructors.
8. Write difference between AWT and Swing.

9. What are the advantages of Servlet?
10. How to execute SQL statements in JDBC?
11. Explain Life Cycle of Servlet.
12. Write short note on cookies.
13. Explain Border layout with suitable Example.
14. Explain use of Servlet.
15. Write steps in JDBC connectivity.
16. How to execute SQL queries in JDBC?
17. Explain Scripting elements in JSP.
18. Write short note on AWT.
19. Write short note on JDBC.
20. How to connect to MySQL using JDBC?
21. Write a short note on Sessions.
22. Write a JSP program to check prime no.
23. Write a servlet program to calculate factorial of no.
24. How to create databases using JDBC?
25. How to search records of a table?
26. How to insert records in a table using JDBC?
27. How to update records in a table.
28. How to create cookies?
29. How to update records in a table using JDBC?
30. How to delete records in a table using JDBC?

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**Question Bank: May 2022**

**BSc III Comp Sci. (Entire) Sem VI BCSET-602**

**Questions: Explain the terms.**

**[For 02 Marks]**

1. DataAdapter
2. DataTable
3. SqlConnection
4. DataSet
5. DataRow
6. Command
7. DataBase
8. TextBox
9. Button
10. DropDownList
11. RadioButton
12. Text Property of Textbox
13. Visible Property of Control
14. Enabled Property of Control
15. ReadOnly Property of Control
16. Click Event of Button
17. Checked Property of CheckBox
18. Checked Property of RadioButton
19. Class
20. Object
21. Inheritance
22. Polymorphism
23. Interface

- 24.Method Overloading
- 25.Method Overwriting
- 26.ASP
- 27.Crystal Report
- 28.CrystalReportViewer
- 29.Crystal Report Format options
- 30.Crystal Report Edit options

**Q.2) Attempt any Two of the following.**

**[For 10 Marks]**

1. Explain disconnected architecture in details.
2. Explain Connected architecture in details.
3. Explain Database connectivity for Access Database
4. Explain Database connectivity for SqlServer Database
5. Explain Features of ADO.Net.
6. Explain ASP Life cycle in detail
7. Explain Web Form in ASP with an example
8. Explain RadioButton Control with its Properties, Methods and Events
9. Explain CheckBox Control with its Properties, Methods and Events
- 10.Explain TextBox Control with its Properties, Methods and Events with an examples
- 11.Explain Button Control with its Properties, Methods and Events with an examples
- 12.Write difference between RadioButton and CheckBox
- 13.Explain Drop-Down Lists Control with its 2 Properties, 2 Methods and Events with an examples
- 14.Explain use of Panel with an example
- 15.ImageButton and Link with an example
- 16.Write a simple calculator program using TextBox and Button
- 17.Explain MasterPage concept with an example

18. Write Down how we create master page and child pages
19. Define class and object with an example
20. Explain Inheritance with an example.
21. Explain Constructors with an example
22. Explain Interface with an example
23. Explain Polymorphism with an example
24. Explain Method Overwriting with an example
25. Explain Delegate with an example
26. Write down how to create Crystal Report steps wise
27. Explain Database Connectivity for Crystal Reports
28. Write down formatting options for Crystal Report
29. What are the components use for create crystal report?
30. Write down code for Crystal Report show on any form

**Q.3) Attempt any Four of the following. [For 05 Marks]**

1. Explain Database connectivity objects.
2. Write a short note on Database use in ASP.net
3. Write a short note on Connection Object
4. Write a short note on Dataset
5. Write a short note on DataTable
6. Write a short note on DataAdaptor
7. Write a short note on DataRow
8. Write a short note on command object
9. Explain how database connect in ASP web application
10. Explain TextBox Control with its properties, methods and events.
11. Explain TextBox control with its 5 properties
12. Explain Button control with an example
13. Write a difference between RadioButton and CheckBox
14. Explain concept of event handling with an example

15. Write a short note on DropDownList
16. Write a note on Table control
17. Explain Drop-Down Lists Control with its properties, methods and events.
18. Explain concept of Master Page with an example.
19. Define Class and Object with an example
20. Explain Constructors with an example
21. Define Constructor with its type
22. Explain Delegate with example
23. Define Inheritance with an example.
24. Explain Method overloading with an example
25. Define Access Modifiers and its uses.
26. Explain Polymorphism with an example
27. Which control use for reports in .Net? Explain
28. Explain how to create Crystal Report step wise
29. Explain how to Modify Crystal Report step wise
30. Explain Formatting fields of Crystal Report

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**BCSET603: Software Project Management**

**Question Bank**

**Q.1 Answer in One sentence.**

**05X02=10**

- 1) What is Project?
- 2) Define Project Manager.
- 3) What are Needs for Software Management Project?
- 4) What is Project Integration Management?
- 5) What are the Qualities of Project Manager?
- 6) Define Execution.
- 7) Define COCOMO.
- 8) Define Monitoring and Control.
- 9) Define Risk analysis.
- 10) What is mean by project management?
- 11) Define Activity Planning.
- 12) Define Change Control Process.
- 13) Define Gantt Charts
- 14) Define CCB.
- 15) Define Reporting.
- 16) Define WBS.
- 17) Define Staff Acquisition.
- 18) What are the Phases of Project Life Cycle?
- 19) Write any two Responsibilities of Project Manager.
- 20) What is cost estimation?

**Q.2 Answer in brief.**

**02X10=20**

- 1) Explain WBS in brief.
- 2) Explain project phases and project life cycle.
- 3) Explain Gantt chart in brief.



- 4) What is Project Integration Management? Explain Project plan development and execution.
- 5) Explain Risk Identification in brief.
- 6) Why is Project Integration Management so important?
- 7) Explain Activity Planning in brief.
- 8) Explain COCOMO Model in brief.
- 9) Explain Quality planning and assurance.
- 10) What is Project? Explain Project Life Cycle.
- 11) Explain Organizational Planning in brief.
- 12) Explain Solicitation Management in brief.
- 13) What is Project Management? Explain Qualities of Project Manager.
- 14) Explain Quantification and Control in brief.
- 15) Define Project Manager and Qualities of Project Manager in brief.

**Q. 3 Answer in short.**

**04X05=20**

- 1) What is Project Management?
- 2) Explain Qualities of Project Manager.
- 3) Short Note on Organizational Structure.
- 4) What is Project? Explain the role of Project Manager.
- 5) Define Project Manager and Discuss Responsibilities of Project Manager.
- 6) Explain Project plan development and execution.
- 7) Short Note on Schedule development and control.
- 8) Short note on change control.
- 9) Explain Project Life Cycle
- 10) Explain Gantt Charts.
- 11) Explain Cost estimation and control.
- 12) Explain Solicitation Management.
- 13) Short Note on Risk Identification.
- 14) Explain CCB Configuration Management.
- 15) Short Note on quality planning and assurance.
- 16) Short Note on Activity Planning.
- 17) Short Note on COCOMO Model
- 18) Short Note on Organizational planning.
- 19) Short Note on Staff Acquisition.
- 20) Explain Reporting.

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Question Bank  
BCSET 604 PHP Programming II

❖ **Answer in one sentence**

1. What is meant by Object?
2. Define the term Destructors.
3. Write any two uses of PHP.
4. How to create a table in MySQL?
5. Define the term Cookies.
6. What is meant by Class?
7. Define the term sessions.
8. Define the term Destructor.
9. What is meant by Inheritance?
10. Which command is used to create a table?
11. What is the syntax for creating database?
12. What is meant by Abstract method and class?
13. Which command is used to update records in a table?
14. Define the term sessions.
15. Define the term Constructors.
16. What is meant by Single Inheritance?
17. What is meant by Multiple Inheritance?
18. What is meant by Hierarchical Inheritance?
19. Which command is used to create a database?
20. Which command is used to insert records into a table?
21. Which command is used to delete a table?
22. What is meant by Interface?
23. What is meant by Polymorphism?
24. How to delete cookies?

25.How to delete sessions?

### ❖ Long Answer Questions.

1. What is mean by Inheritance? Explain with two types.
2. Explain arithmetic operators through GUI.
3. Explain updating and inserting records in the table in detail.
4. Explain inserting and deleting records from a table in brief.
5. Explain operators in PHP in detail.
6. Explain Databases in detail.
7. What is mean by Database? Explain characteristics in detail.
8. What is mean by Inheritance? Explain any two types.
9. Explain Constructors and Destructors with example.
10. What is mean by Inheritance? Explain with example.
11. What is mean by Polymorphism? Explain with example.
12. Explain forms in PHP in detail.
13. Explain functions with its types and example.
14. What is mean by Abstract method and class? Explain with example.
15. Explain Constraints in MySQL.

### ❖ Short Answer Questions.

1. Write a short note on Constructors.
2. Write a PHP to program to print sum of digits of a number.
3. Write a short note on Sessions.
4. Explain Abstract methods and class in detail.
5. Write a PHP program to print Fibonacci series up to n.
6. Explain Interfaces in detail.
7. Write a short note on Constructors.
8. Explain multilevel inheritance in detail.

9. How to connect to MySQL using PHP?
10. How to create databases using PHP?
11. Write a short note on Interfaces.
12. Write a PHP program to print list of prime numbers up to n.
13. Explain single inheritance in detail.
14. How to search records of a table?
15. Write a short note on Polymorphism.
16. Write a PHP program to print Fibonacci series using functions.
17. How to insert records in a table using PHP?
18. Explain hierarchical inheritance in detail.
19. Write a PHP program to print factorial of a number.
20. Write a PHP program to check if a number is palindrome or not.
21. Write a short note on cookies.
22. How to update records in a table.
23. Write a short note on Class and Object.
24. Write a short note on Encapsulation.
25. Explain GET and POST method.
26. How to create cookies?
27. How to create sessions.
28. How to update records in a table using PHP?
29. How to delete records in a table using PHP?
30. Write a short note on Destructor.

