(05)

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# EXAMINATION : MAY - 2024

## **SEMESTER - VI**

Sub: Advanced Java (BCA –641-18/BCA-641-20/BCA-CS-641-20)

 Date : 23/05/2024
 Total Marks : 60
 Time: 10.00am to 12.30 pm

#### Instructions:

- 1. All questions are compulsory unless and otherwise stated.
- 2. Bold figures to the right of every question are the maximum marks for that question.
- *3.* Candidates are advised to attempt questions in order.
- 4. Answers written illegibly are likely to be marked zero.
- 5. Use of scientific calculators, Log tables, Mollier Charts is allowed.
- 6. Draw neat and labelled diagrams wherever necessary.

#### Q.1. Fill in the blanks.

1.	JApplet inherits from a)Java Bean c)Java	b)JPanel d) Applet	
2.	Swing are compnents a) bulky c) heavy	b) lightweight d)featherweight	
3.	Servlet API example is a)Unix c)FTP	b) Windows d)telemail	
4.	Fullform of JWS is a)Java Windows Server c) Java World Server	b)Java Web Server d) Java Wide Server	
5.	Datagram contains a)header and footer c)start and end	<ul><li>b) head and tail</li><li>d) header and payload</li></ul>	
Q.2.	State True/False.	(	05)
1.	Java images are bitmapped GIF or JPEG files		,
2.	Panels are subclass of java.awt.container		
3.	There are three kinds of windows		
4.	ODBC is easy to learn		
5.	Java applets can not read or write from the disk		
Q.3.	Answer the following. (Solve any 5)	(	10)
1.	What is Set?		
2.	What is collection?		
3.	What is JDBC		
4.	What is protocol?		
5.	What is Windows?		
6.	What is two tire model?		

#### Q. 4. Answer the following in detail. (Solve any 6)

- 1. Write features of Java Beans
- 2. What is port
- 3. Write in detail the RMI Feature
- 4. What are three major features f JLabel
- 5. What is JPanel write in detail
- 6. What is ODBC?
- 7. Write in detail about Java Component model

#### Q. 5. Answer the following in detail. (Solve any 1)

(10)

(30)

### 1. Write in detail about Basic Servlet structure

2. Write in detail MVC Architecture