

B.Sc.(IT) Semester - 5 (CBCS) Examination**Oct/Nov. - 2019****CS-26 ADVANCED JAVA PROGRAMMING (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
 2. Figures to the right indicate marks.
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- Que-1(A) Answer the followings: (04)**
- (1) Full form of RMI is _____
 - (2) _____ package is imported for jdbc.
 - (3) JDBC stands for _____
 - (4) _____ method is used to load jdbc driver.
- Que-1(B) Answer the followings: (Any One) (02)**
- (1) What is JDBC?
 - (2) Explain database metadata.
- Que-1(C) Answer the followings: (Any One) (03)**
- (1) Explain prepared statement with example.
 - (2) Explain stub and skeleton.
- Que-1(D) Answer the followings: (Any One) (05)**
- (1) Explain different JDBC driver types.
 - (2) What is RMI? Explain RMI architecture.
- Que-2(A) Answer the followings: (04)**
- (1) How can we delete cookie?
 - (2) _____ method is used to read form data in servlet.
 - (3) List servlet life cycle methods.
 - (4) List cookie attributes.
- Que-2(B) Answer the followings: (Any One) (02)**
- (1) What is servlet?
 - (2) How can I read form data from servlet? Explain.
- Que-2(C) Answer the followings: (Any One) (03)**
- (1) Explain servlet life cycle.
 - (2) Write difference between session and cookie.
- Que-2(D) Answer the followings: (Any One) (05)**
- (1) Explain Cookie with suitable example.
 - (2) Explain Session with suitable example.
- Que-3(A) Answer the followings: (04)**
- (1) Explain filters for pre processing of request.
 - (2) What is HttpSessionListener?
 - (3) Why filters are used in servlet?
 - (4) Explain filters for post processing of request.
- Que-3(B) Answer the followings: (Any One) (02)**
- (1) What is filter in servlet?
 - (2) What is listener in servlet?

- Que-3(C) Answer the followings: (Any One) (03)**
(1) Explain ServletRequestListener.
(2) How does servlet filter work? Explain in detail.
- Que-3(D) Answer the followings: (Any One) (05)**
(1) Explain HttpSessionListener with example.
(2) Explain ServletContextListener and ServletContextAttributeListener.
- Que-4(A) Answer the followings: (04)**
(1) JSP stands for _____
(2) List jsp scripting elements.
(3) _____ jsp element is used to import applet in jsp page.
(4) _____ Predefined object is used to handle exception in jsp.
- Que-4(B) Answer the followings: (Any One) (02)**
(1) Explain html comment and JSP comment.
(2) Explain Template text.
- Que-4(C) Answer the followings: (Any One) (03)**
(1) Explain different JSP directives.
(2) Explain different JSP action elements.
- Que-4(D) Answer the followings: (Any One) (05)**
(1) Explain predefined variables.
(2) Explain different JSP scopes.
- Que-5(A) Answer the followings: (04)**
(1) Explain c:redirect.
(2) MVC stands for _____
(3) What is bean property?
(4) Full form of JSTL is _____
- Que-5(B) Answer the followings: (Any One) (02)**
(1) What is EL?
(2) Explain c:set and c:import.
- Que-5(C) Answer the followings: (Any One) (03)**
(1) Explain advantages of MVC
(2) Explain EL operators.
- Que-5(D) Answer the followings: (Any One) (05)**
(1) Explain MVC Architecture in detail.
(2) Explain JSP expression language.
