



Seat No. _____

HAK-003-0004502
B. Sc. & I. T. (Sem.-V) (CBCS)
(W.E.F. 2016) Examination
May - 2023
CS-26 : Advance Java Programming

Faculty Code : 003
Subject Code : 0004502

Time : $2\frac{1}{2}$ Hours / Total Marks : 70

- 1 (a) Answer the following : 4
- (1) RMI stands for _____.
 - (2) Give the full form of JDBC.
 - (3) What is RMIC ?
 - (4) Give the full form of API.
- (b) Answer in brief : (any **one**) 2
- (1) Explain connection.
 - (2) Explain container.
- (c) Answer in detail : (any **one**) 3
- (1) Explain Statement interface.
 - (2) Explain Stub.
- (d) Write a note on following questions : (any **one**) 5
- (1) Explain RMI architecture.
 - (2) Explain Resultset.
- 2 (a) Answer the following : 4
- (1) Give full form of CGI.
 - (2) GET method use URL to send the data. True or False.
 - (3) MIME stands for _____.
 - (4) A public interface HttpSession is a member of _____.

- (b) Answer in brief : (any **one**) **2**
 (1) Explain setContentType ()
 (2) Explain web.xml file.
- (c) Answer in detail : (any **one**) **3**
 (1) Explain GET and POST method.
 (2) Explain session tracking.
- (d) Write a note on following questions : (any **one**) **5**
 (1) Explain HTTP status code (any five).
 (2) Explain Servlet Life Cycle.
- 3** (a) Answer the following : **4**
 (1) Unavailable Exception which extends _____.
 (2) _____ includes the contexts of resource in the response.
 (3) _____ method is invoked every time when user requests to any resource, to which the filter is mapped.
 (4) A _____ is an object that is invoked at the preprocessing and post processing of a request.
- (b) Answer in brief : (any **one**) **2**
 (1) Explain doFilter().
 (2) Explain filterChain ()
- (c) Answer in detail : (any **one**) **3**
 (1) Explain ServletRequestEvent and ServletResponseListener.
 (2) Explain HttpSessionEvent and HttpSessionListener.
- (d) Write a note on following questions : (any **one**) **5**
 (1) Explain ServletFilter and its advantages.
 (2) Explain FilterAPI.
- 4** (a) Answer the following : **4**
 (1) JSP stands for _____
 (2) When jsp servlet instance is created _____ method is called.
 (3) The lifetime and accessibility of an object is known as _____.
 (4) An _____ property is an array instead of a single value.

- (b) Answer in brief : (any **one**) 2
(1) What is Java Beans ?
(2) Explain request and response object.
- (c) Answer in detail : (any **one**) 3
(1) Explain scope of JSP variables.
(2) Explain Error handling in JSP.
- (d) Write a note on following questions : (any **one**) 5
(1) Explain JSP Directive Element.
(2) Explain JSP Life Cycle.
- 5** (a) Answer the following : 4
(1) MVC stands for _____.
(2) EL stands for _____.
(3) JSTL stands for _____.
(4) Core JSTL tags starts from _____.
- (b) Answer in brief : (any **one**) 2
(1) Explain <c:out>, <c:forEach>, <c:param>
(2) Explain operators in EL.
- (c) Answer in detail : (any **one**) 3
(1) Explain EL.
(2) Explain Beans properties.
- (d) Write a note on following questions : (any **one**) 5
(1) Explain MVC Architecture for web applications.
(2) Explain Request Dispatcher.
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