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SUBJECT CODE NO:- D-4107
FACULTY OF SCIENCE AND TECHNOLOGY
BCA (Science) T.Y. (Sem- VI) Examination OCT/NOV 2019
Java Server Pages (JSP)-CA603-T

[Time: 1:30 Hours]

[Max.Marks:50]

N.B

Please check whether you have got the right question paper.
1) All questions are compulsory.
2) All questions carry equal marks.

Q.1   Fill in the blanks.   10
1. The _____ stage is followed by the compilation stage of JSP page life cycle.
2. The destroy( ) method leads to the invocation of _____ method.
3. _____ tag allows you to write the script code to provide generated servlet class.
4. Declarative tag declared with _____ symbol.
5. The _____ object is used to carry the response of client request.
6. The _____ object represents context of current jsp page.
7. The _____ object specifies the configuration of the parameters passed to a JSP page.
8. The _____ directive tag is used to declare a custom tag library in a JSP page.
9. The _____ action tag facilitates to send a jsp request to another resource.
10. The _____ tag displays an output of an Xpath expression.

Q.2   a) Explain scriptlet tag of JSP page with syntax & example.   10
       b) Explain expression tag of JSP page with syntax & example.
                                    OR
       a) Define JSP? Explain life cycle of JSP page.   10

Q.3   a) Explain page translation & compilation stage of jsp life cycle.   10
       b) Explain working of any five JSP implicit objects.
                                    OR
       a) Define JSP? Explain directive tags of JSP page.   10

Q.4   a) Define JSTL? Explain features of JSTL.   10
       b) Explain features of SQL tag library.
                                    OR
       a) Explain Session Tracking & session API of JSP page.   10

Q.5   Write short note on. (Any Two)   10
       a) JSP page Model
       b) Directive Tags vs Action tags
       c) JSP vs Servlet
       d) Internationalization Tag Library

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SUBJECT CODE NO:- D-4115
FACULTY OF SCIENCE AND TECHNOLOGY
BCA (Science) T.Y. (Sem- VI) Examination OCT/NOV 2019
Cloud Computing-CA606-T

[Time: 1:30 Hours]

[Max.Marks:50]

N.B

Please check whether you have got the right question paper.
   i) Attempt all questions.

Q.1   Multiple choice questions :   10

   1) _____computing refers to applications and services that run on a distributed network
      using virtualized resources.
      a) Distributed
      b) Cloud
      c) Soft
      d) Parallel

   2) Which of the following cloud concept is related to pooling and sharing of resources?
      a) Polymorphism
      b) Abstraction
      c) Virtualization
      d) None of the mentioned

   3) Point out the correct statement
      a) The use of the word "cloud" makes reference to the two essential concepts.
      b) Cloud computing abstracts systems by pooling and sharing resources.
      c) Cloud computing is nothing more than the internet
      d) All of the mentioned.

   4) Which of the following is best known service model?
      a) SaaS
      b) Iaas
      c) Paas
      d) All of the mentioned

   5) How many types of service model are mainly present in cloud?
      a) 1
      b) 2
      c) 3
      d) 4

6) Which of the following is most important area of concern in cloud computing?
   a) Security
   b) Storage
   c) Scalability
   d) All of the mentioned

7) "Cloud" in cloud computing represents what?
   a) Wireless
   b) Hard drives
   c) People
   d) Internet

8) What is cloud computing replacing?
   a) Corporate data centers
   b) Expensive personal computer h/w
   c) Expensive s/w upgrades
   d) All of the above

9) Which of the following is a SaaS characteristic?
   a) The typical license is subscription based or usage based and is billed on recurring basis.
   b) The software is available over the internet globally through a browser on demand.
   c) The software and the service are monitored and maintained by the vendor.
   d) All of the mentioned

10) _____ is a cloud computing service model in which hardware is virtualized in the cloud.
   a) IaaS
   b) CaaS
   c) PaaS
   d) None of the mentioned

Q.2	a) What are cloud computing challenges?	05
	b) How many types of cloud mainly? Describe each one	05

OR

Describe all three phases in cloud computing model application methodology.	10

Q.3	a) What do you understand from virtual private cloud?	05
	b) What is the role of cloud computing in development / test	05

OR

2

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10

What do you mean, the "Data Gap"?

05

Q.4   a) How virtualization, automation and standard work to make good cloud computing infrastructure?

05

     b) Explain Data center Interconnect Network

OR

10

Explain all services provided by cloud computing

10

Q.5   Write short notes on (Any Two)
     a) Cloud Computing
     b) Datacenter and Cloud
     c) Grid Computing
     d) Data Parallelism