BCA-305

B.C.A. (Third Year) EXAMINATION, 2018

WEB TECHNOLOGY

Paper V

Time allowed : Three Hours

Maximum Marks : 100

Part A (खण्ड 'अ') [Marks : 20]

Answer all questions (50 words each).

***All** questions carry equal marks.*

सभी प्रश्न अनिवार्य हैं । प्रत्येक प्रश्न का उत्तर पचास
शब्दों से अधिक न हो । **सभी प्रश्नों के अंक समान हैं ।**

Part B (खण्ड 'ब') [Marks : 50]

Answer five questions (250 words each),
*selecting **one** question from each Unit.*
***All** questions carry equal marks.*

प्रत्येक इकाई से एक प्रश्न चुनते हुए कुल पाँच प्रश्न
कीजिए । प्रत्येक प्रश्न का उत्तर 250 शब्दों से अधिक न
हो । **सभी प्रश्नों के अंक समान हैं ।**

Part C (खण्ड 'स') [Marks : 30]

Answer any two questions (300 words each).
***All** questions carry equal marks.*

कोई **दो** प्रश्न कीजिए । प्रत्येक प्रश्न का उत्तर 300 शब्दों
से अधिक न हो । **सभी प्रश्नों के अंक समान हैं ।**

P.T.O.

Part A

Unit I

1.   (i)   Define terms Web browser, Web server and URL.

    (ii)   Explain the use of confirm( ) and prompt( ) functions.

Unit II

    (iii)   Discuss internal CSS (cascade style sheets) with the help of example.

    (iv)   Give the structure of DHTML page.

Unit III

    (v)   How are audio and video embedded in any web page ?

    (vi)   List different types of scripting language.

Unit IV

    (vii)   Differentiate cookies and sessions.

    (viii)   Write down the steps of ADO database connectivity.

Unit V

    (ix)   List various standard actions available in JSP.

    (x)   Draw life cycle diagram of servlets.

Part B

Unit I

2. Write a Javascript code to change the background color of HTML page using different buttons.

Or

3. Write HTML code to create web page to illustrate the purpose of different types of list tags.

Unit II

4. Why are CSS used ? Differentiate among all types of CSS.

Or

5. What is event handling ? Write HTML code to illustrate the use of onsubmit( ) method.

Unit III

6. Briefly discuss about E-commerce and Apache Web Server.

Or

7. Describe different types of HTTP request types and its use.

Unit IV

8. What is the purpose of XML ? How data is organized and access in it ?

Or

9. Give example code in ASP to execute different types of queries.

Unit V

10. What are differences between JSP and Servlets ?

Or

11. What are directives ? Discuss all of them.

Part C

Unit I

12. Write HTML code to design login page and apply all validations on it using Javascript.

Unit II

13. (*i*) How data binding and sorting takes place in DHTML ?

(*ii*) How are images and filters used in DHTML ?

Unit III

14. Explain various online payment methods.

Unit IV

15. Why are DTD used in XML ? Discuss all types of DTD with necessary example code.

Unit V

16. Write short notes on :

(*a*) Multi-tier application

(*b*) Request and response in JSP.