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**BCA-305**  
**B.C.A. III Year Examination, 2016**  
Paper-V  
(Web Technology)

Time : 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* from each unit. All questions carry equal marks.

प्रत्येक इकाई से एक-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।

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P.T.O.

**PART-A**

**UNIT - I**

1. (i) Difference between http and https ?  
(ii) What is the purpose of IMAP & MIME protocol ?

**UNIT - II**

- (iii) Define object referencing ?  
(iv) What is meant by data bound control ?

**UNIT - III**

- (v) Define bgcolor element properties ?  
(vi) Write down the major benefits of E-commerce ?

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**UNIT - IV**

- (vii) What are the ASP objects ?  
(viii) Differentiate between DTD and XML Schema ?

**UNIT - V**

- (ix) Difference between `<jsp:include page = ...>`  
`<%@include file = ...>` ?  
(x) What is Scriptlet ?

**PART-B**

**UNIT - I**

2. Write a java script program to print Armstrong numbers  
between 1 to 500.

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OR

3. Explain the various java script objects in detail ?

UNIT - II

4. Write the code through proper example on following

event:

- (a) OnBlur() event of a Textbox
- (b) OnLoad() event of a Form
- (c) OnReset() event of a Form
- (d) OnSubmit() event of a Form

OR

5. Explain briefly about Filters in detail with examples.

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UNIT - III

6. What is on line payment system ? Explain in detail. Also discuss the various risks associated with it.

OR

7. Difference between :

- (a) IIS and Apache Server
- (b) E-Commerce and E-Business

UNIT - IV

8. Discuss the key objects of ASP and highlight the features of their properties, method and events.

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**OR**

9. What is the difference between cookies and session ?

Explain with example ?

**UNIT - V**

10. Define JSP directives ? Explain the various attributes for page directives in JSP ?

**OR**

11. Explain the basic servlet architecture with the diagram ?

**PART-C**

**UNIT - I**

12. Explain the various string handling functions of JavaScript with example ?

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**UNIT - II**

13. (a) Distinguish between static and Dynamic HTML ?

(b) Write a DHTML code to change the background

image in the user moves the mouse over it.

**UNIT - III**

14. Describe the following :

(a) E-Business Model

(b) Web Servers

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#### UNIT - IV

15. Explain how ASP is involved in developing online application with an example.

#### UNIT - V

16. Difference between :

- (a) JSP and SERLETS
- (b) Get and Post Request