

HEMCHANDRACHARYA NORTH GUJARAT UNIVERSITY, PATAN
THIRD YEAR B.C.A.

BCA 302 : BULADING APPLICATION USING ASP/PHP

Teaching Scheme (per week)		Examination Scheme					
		INT		EXT		TOTAL	
Th. (hours)	Pr. (hours)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)	Th. (marks)	Pr. (marks)
3	--	30	--	70	--	100	--

Unit :- 1 JAVASCRIPT

(17 Marks)

- Introduction to JavaScript
- Features or Characteristics of JavaScript
- Variable
- Operator,
- Conditional Structure & Looping Structure,
- Dialog Boxes, Arrays,
- User Define Function,
- Objects
- Built-in Functions
- User Define Object
- From Object Element
- Property of Form Element
- Standard Method or Event of Form element
- Events
- Cookies
- Browser Detection
- JavaScript Timing Event
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Unit :- 2 PHP

(18 Marks)

- Introduction to PHP,
- PHP configuration in IIS & Apache Web Server,
- Web Protocol HTTP,
- PHP Variable
- PHP Operator,
- Conditional Structure & Looping Structure,
- Array,
- User Define Function:- argument function, default argument, variable function, return fuction,
- Variable Length Argument Function- func_num_args, func_get_arg, func_get_args,
- Variable Function: Gettype, settype, isset, unset, strval, floatval, inval, print_r.
- String Function : Chr, ord, strtolower, strtoupper, strlen, ltrim, rtrim, trim, substr, strcmp, strcasecmp, stripslashes, strpos, strrpos, strstr, strstr, str_replace, strrev, echo, print,
- Math Function :Abs, ceil, floor, round, fmod, min, max, pow, sqrt, rand.
- Date and Time Function: Date, getdate, setdate, checkdate, time, mktime.
- Array Function: Count, list, in_array, current, next, previous, end, each, sort, rsort, asort, arsort, array_merge, array_reverse.
- File handling Function: fopen, fread, fwrite, fclose, file_exists, is_readable. Miscellaneous Function: define, constant, include, require, header, die.
- Cookies,
- Session,

- \$_Server variable,
- Database Connectivity with MySQL (Using PHPMyAdmin),

Unit :- 3 Web Technology Overview

(18 Marks)

- Web Hosting
- ISP (Internet service Provider)
- HTTP (Hyper Text Transfer Protocol)
- E-Mail services
- Cookies
- Static Website
- Dynamic Website
- Scripting Language

Unit :-3 DHTML

(17 Marks)

- What is CSS
- CSS Font Properties
- CSS Text Properties
- CSS Background Properties
- CSS Border Properties
- CSS Margin Properties
- CSS List Properties
- CSS Padding Properties

Books :

1. Complete Reference PHP
TATA McGRAW-HILL
2. Web Development Using PHP
Bharat & Company

Question Paper Scheme:

University Examination Duration : 3 Hours.

- Q.1 - Unit-I (17 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.2 - Unit-II (18 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.3 - Unit-III (18 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.
- Q.4 - Unit-IV (17 Marks)
A. Objective/ Short Questions.
B. Descriptive/ Long questions.

Note: Options should be given in all questions.