

St. Philomena's College (Autonomous), Mysore
PG Department of Computer Science
Question Bank (Revised Curriculum 2018 onwards)
Second year- Fourth Semester (2018 -20 Batch)
PHP Programming QP Code: 56302

Unit	Sl. No	Questions	Marks
1	1.	Define server side programming. Give Example.	2
1	2.	Mention different Server Side Programming languages.	2
1	3.	Write a simple PHP script.	2
1	4.	How to use comments in PHP?	2
1	5.	Define Strings.	2
1	6.	List different data-types available in PHP.	2
1	7.	Mention the rules for naming variable in PHP.	2
1	8.	Why we use comments.	2
1	9.	Is PHP a case sensitive language? Give example	2
1	10.	What is loose typing in PHP? Give an example.	2
1	11.	Write a simple "Hello, world" PHP Program.	2
1	12.	Define variables, Data types.	2
1	13.	How do you define a constant in PHP?	2
1	14.	What is the difference between single quote and double quote string in PHP?	2
1	15.	What is the use of strlen() and strpos() functions?	2
1	16.	Differentiate While and Do-While Statement in PHP.	2
1	17.	Difference between echo and print statements?	2
2	18.	Why do we use settype () in PHP?	2
2	19.	Define Array. Mention its types.	2
2	20.	Why we use isset(), unset() functions?	2
2	21.	What are gettype(), settype() functions?	2

2	22.	Define user defined functions?	2
2	23.	What are global variables? Give example.	2
2	24.	What is URL? What do you mean by URL encoding?	2
2	25.	Define cookies in PHP.	2
2	26.	Define session in PHP.	2
2	27.	Define File. Mention different file operations.	2
2	28.	What are Indexed arrays and Associative arrays?	2
2	29.	Define key() and current() function.	2
2	30.	Why we use file_put_contents() function.	2
2	31.	Mention any 6 file status checking functions.	2
2	32.	Why we use GET method?	2
2	33.	Why we use \$_REQUEST variable?	2
2	34.	What is the function name in PHP to delete an element from an array? Give syntax	2
2	35.	Why do we use array slice ()?	2
2	36.	Why we use die () function?	2
2	37.	Why we use array_unshift() and array_shift()?	2
2	38.	Why we use array_push() and array_pop()?	2
2	39.	What are the ingredients of a cookie in PHP?	2
2	40.	What is the difference between Session and Cookie?	2
2	41.	What are the common uses of cookies	2
2	42.	What do you understand about Numeric array, Associative array and Multidimensional array?	2
3	43.	What is the difference between Primary and Foreign key?	2
3	44.	What is Database?	2
3	45.	What is primary key and Foreign key?	2

3	46.	Write the syntax for establishing a connection to DBMS from PHP script.	2
3	47.	What is the difference between Drop and Delete table?	2
4	48.	Distinguish between Interface and abstract class.	2
4	49.	Define class and object.	2
4	50.	Define Encapsulation.	2
4	51.	Define Constructors and Destructors.	2
4	52.	Define Polymorphism. Mention different type of polymorphism.	2
4	53.	Define Form Validation.	2
4	54.	Define class and write the syntax to defining a class in php.	2
4	55.	Why we use Constructors and destructors?	2
4	56.	What is copy constructor? How do you define it?	2
4	57.	Why we use This key word. Give syntax.	2
4	58.	What is the purpose of \$_PHP_SELF?	2
4	59.	What are interfaces in PHP?	2
4	60.	What is Inheritance. Mention its type.	2
4	61.	Define Abstract Class. Give example	2
4	62.	Define Interface. Give Syntax.	2
4	63.	Differentiate between static and dynamic website.	2
4	64.	Mention the advantage of OOPs over POPs.	2
4	65.	What is the use of final keyword?	2
4	66.	Differentiate between “<input type='button'>” and “<input type='submit'>”.	2
1	67.	How PHP is better than other scripting languages?	7
1	68.	Briefly explain how PHP embedded with HTML.	5/7
1	69.	Explain String functions in PHP with example.	10

1	70.	With an example explain PHP script.	5/7
1	71.	Explain different Operators in PHP with example	10
1	72.	Explain Type casting in PHP with example.	7
1	73.	Explain with example the use of substring function?	5
1	74.	Explain the concept of loose typing in PHP with example.	7
1	75.	Write a PHP Script for counting number of words in a string.	5/7
1	76.	Write a note on PHP.	5
1	77.	What is the use of str_replace() PHP string function? Write syntax and an example.	5
1	78.	What PHP function is used to find position of a string write syntax and an example	5
1	79.	Explain the Characteristics of PHP.	5/7
1	80.	Write a php script to find the reverse of a number.	7
1	81.	Illustrate any 5 string functions with examples.	10
1	82.	Explain jumping statements in PHP with example.	8
1	83.	Why we use Bitwise operators? Explain the logic behind it with suitable example.	7
1	84.	Explain the different data-types in PHP with suitable Example.	5/7
1	85.	How do you change a variables data type in PHP? Explain with example.	7
1	86.	Explain control statements with example.	7
1	87.	Explain switch statement in PHP with example.	8
1	88.	Explain looping statements in PHP with example.	7
1	89.	Explain escaping statements (or) Jumping statement in PHP. With example.	8
1	90.	Write a program to Reverse a String in PHP.	7
1	91.	Illustrate different methods of changing data-type in PHP with suitable example.	7
1	92.	Explain the process of running a PHP Script on a web server.	5/7
1	93.	PHP is server side language or client side language? Explain your answer.	8
1	94.	Why we should use PHP? How it is better than other server side programming	7

		languages?	
1	95.	Can we run PHP from HTML file? If yes, how?	7
1	96.	Write a program to find average of first ten natural numbers using for loop.	7
2	97.	Explain array functions with example in PHP.	10
2	98.	With a suitable example explain the concept of Global variables in PHP.	7
2	99.	Discuss control statements in PHP with example.	7
2	100.	Explain looping statements in PHP with suitable examples.	8
2	101.	Differentiate between Get and Post method.	5/7
2	102.	Write a note on cookies in PHP.	5
2	103.	Write a note on sessions in PHP.	5
2	104.	With suitable example explain file operations in PHP.	8
2	105.	Write a PHP script to read a file.	7
2	106.	Write a PHP script to write into a file.	7
2	107.	Explain 5 built-in functions in PHP.(Excluding string functions)	10
2	108.	Explain Indexed arrays and Associative Arrays with example.	7
2	109.	Write a note on Get method.	5
2	110.	Write a note on Post method.	5
2	111.	Write a note on cookies.	5
2	112.	Write a note on sessions.	5
2	113.	Explain different modes of file open with syntax.	5/7
2	114.	Write the syntax for following with example -settype function -gettype function	5
2	115.	Briefly explain different file modes. Give Syntax.	5/7
2	116.	What are the ingredients of a cookie in PHP? Explain.	8/10
2	117.	Explain 5 basic file handling functions.	10

2	118.	Explain sorting methods in arrays.	10
2	119.	Illustrate different functions in PHP with example	8
2	120.	Differentiate between GET and POST methods?	5
2	121.	Explain array with example.	7
2	122.	Explain isset (), gettype (), settype () with examples.	7
2	123.	Explain each () with example.	7
2	124.	With an example explain the concept of user defined functions with arguments and return value	7
2	125.	Explain the concept of call by value and call by Reference in PHP with example.	8
2	126.	What are Global variable? Explain with example.	8
2	127.	Explain the concept of cookies in PHP with example.	8/10
2	128.	Explain the concept of sessions in PHP, with example.	8/10
2	129.	What is file? How do you create a file? Explain.	7/8
2	130.	With a suitable example explain the different methods of reading a file.	8
2	131.	With a suitable example explain the different methods of writing into a file.	8
2	132.	Write a PHP Script for Reading file.	7
2	133.	Write a PHP Script for writing into a file.	7
2	134.	Explain different function call in PHP with example.	8
2	135.	Explain all possible types of scope of variable?	8
2	136.	What are different types of sorting functions in PHP? Explain with example in detail.	10
2	137.	Write different programs using “for” and “foreach” statement.	8/10
2	138.	Explain GET Method in detail.	8/10
2	139.	Explain Single & Multidimensional array.	7
2	140.	Why we use key(), current(), prev() and end() functions. Explain with example.	10
2	141.	Why we use array_unshift(), array_shift(), array_push(), array_pop(), array_splice(). Explain with example	10

2	142.	Illustrate Static variable with an example.	7
2	143.	Write a program to differentiate use of global and local variables.	8/10
2	144.	Explain array using suitable example and discuss how looping and accessing of data is done.	8/10
2	145.	What are the different alternative methods to read data from a file? Explain with example	8
2	146.	Write a program to create Index Based and Associative Arrays in PHP.	7/8
2	147.	Write a program to create a session, to set a value in session, and to remove data from a session.	10
2	148.	Write a function that interchange and prints the value of two integers A and B without using any extra variable.	8
2	149.	Write a program to open a file and reading its contents. Explain the code.	
3	150.	Explain CRUD Operations, with example.	15
3	151.	Establish a DBMS connection using PHP and illustrate basic sql queries.(You can consider your own table for illustration)	15
3	152.	Write a note on MySQL.	5
3	153.	Create a Student database with the following fields using MySQL queries and perform any 5 basic queries on the table. Name, Reg No, Course, College, Grade. (15)	15
3	154.	Create a suitable database and explain the concept of primary key and foreign key.	10
3	155.	How do you insert a new row values and a new column to an existing table? Explain with an example.	10
3	156.	What is the difference between delete and drop in MySQL? Explain with a suitable example.	7
3	157.	How to create a connection between PHP and My SQL? Explain its step by step procedure.	10
3	158.	How do you close a DBMS connection? Explain with syntax.	5
3	159.	Using PHP create a database for maintaining a patient's records in a hospital.	8
4	160.	How to validate a text in PHP web form? Explain with example	

4	161.	Explain in detail the types of inheritance supports by PHP.	10
4	162.	Explain the concept of Classes and Object in PHP with example.	8
4	163.	Explain Constructors and Destructors in PHP with example.	10
4	164.	Explain different types of constructors in PHP.	10
4	165.	Write a PHP Program to illustrate user defined and pre-defined Constructors.	8
4	166.	Write a PHP Script to illustrate copy constructors.	8
4	167.	Illustrate different type of Inheritance with example.	10
4	168.	Explain access specifier in PHP with example.	5/7
4	169.	Illustrate Multiple Inheritance.	8
4	170.	Illustrate function overloading in PHP.	8
4	171.	Define Form Validation with an example. Explain the concept.	10
4	172.	Illustrate the use of This key word in PHP with suitable example.	7
4	173.	Differentiate between Interfaces and Abstract class.	5/7
4	174.	Write a program to check the user credentials, whether they are correct are not. If the credentials are correct then the user will be redirected to another page.	15
4	175.	What are FORMS? Explain different Form fields.	7/8
4	176.	Differentiate different access modifiers.	5/7
4	177.	Differentiate between constructor and destructors.	5/7
4	178.	Can you use multiple inheritance in PHP? Justify your answer with example.	8
4	179.	Explain the concept of Object Oriented Programming.(Characteristics)	7
4	180.	What is function overloading and overriding? Explain with an example.	8
4	181.	Write a PHP script which takes the username, password and e-mail values from user and checks whether the user has filled the textboxes or not. Also, check the e-mail field whether it is incorrect format or not.	15
4	182.	Illustrate the concept of Abstract class and method with example.	7/8
4	183.	With the help of interface illustrate the concept of multiple inheritance.	8

Question Paper Pattern- Blue Print

PART A		
1	Answer any FIVE of the following	5x2=10
a	Unit 1	
b	Unit 1	
c	Unit 2	
d	Unit 2	
e	Unit 3	
f	Unit 4	
g	Unit 4	
PART B		
Answer any ONE FULL question from the following		4x15=60
Module 1		
2	Unit 1	
		OR
3	Unit 1	
Module 2		
4	Unit 2	
		OR
5	Unit 2	
Module 3		
6	Unit 3	
		OR
7	Unit 3	
Module 3		
8	Unit 4	
		OR
9	Unit 4	