



BRAINWARE UNIVERSITY

Term End Examination 2022

Programme – BCA-2018/B.Sc.(CS)-Hons-2018/BCA-2019/BCA-2020

Course Name – Internet Technologies

Course Code - BCA504A/BCS504B/BCAC501

(Semester V)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Identify following service use UDP?
 - a) DHCP
 - b) SMTP
 - c) FTP
 - d) HTTP
- (ii) Define the class of IP address provides a maximum of only 254 host addresses per network ID?
 - a) Class A
 - b) Class B
 - c) Class C
 - d) Class D
- (iii) Select Protocol which assigns IP address to client connected in internet is
 - a) DHCP
 - b) IP
 - c) RPC
 - d) HTML
- (iv) Predict Which property specifies the background color of an element?
 - a) background-color
 - b) border
 - c) color
 - d) display
- (v) Show Which property sets the coordinates of the clipping shape that exposes or hides the content of absolutely positioned elements
 - a) Clammer
 - b) Clip
 - c) clear
 - d) cut
- (vi) Select Which property sets the background image to scroll or not to scroll with its associated elements content?
 - a) background
 - b) background-position
 - c) background-attachment
 - d) background-color
- (vii) Write PHP stand for
 - a) Personal Home Page
 - b) Hypertext Preprocessor
 - c) Pretext Hypertext Processor
 - d) Personal House Page
- (viii) write PHP files have a default file extension of____
 - a) .odt
 - b) .php
 - c) .xml
 - d) .html
- (ix) choose the version of PHP introduced Try/catch Exception?

- a) PHP 4
c) PHP 5.3
- b) PHP 5
d) PHP 6
- (x) Conclude the data link layer takes the packets from _____ and encapsulates them into frame for transmission
- a) network layer
c) transport layer
- b) physical layer
d) application layer
- (xi) Illustrate Application layer offers _____ service.
- a) End to end
c) Both End to end and Process to process
- b) Process to process
d) Door to door
- (xii) Decide SEO is to improve the volume and _____ to a web site from search engines.
- a) Look and feel
c) Quality of traffic
- b) Advertisement
d) None of these
- (xiii) Decide that Search engine optimization is the process of _____ of a website or a web page in a search engine's search results.
- a) Affecting the visibility
c) Getting meta tags
- b) Generating cached files
d) None of these
- (xiv) What will be the output of the following JavaScript code? `<p id="demo"> <script> var js = 10; js *= 5; document.getElementById("demo").innerHTML = js; </script>`
- a) 10
c) 5
- b) 50
d) error
- (xv) Arrays in JavaScript are defined by which of the following statements?
- a) It is an ordered list of values
c) It is an ordered list of string
- b) It is an ordered list of objects
d) It is an ordered list of functions

Group-B

(Short Answer Type Questions)

3 x 5=15

2. How do you define a constant in PHP? (3)
3. Write limitations of CSS (3)
4. Explain different types of PHP variables (3)
5. Describe is VoIP and what does it stand for (3)
6. Explain VPN. (3)

OR

Illustrate the Local host in short. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. What are the different types of PHP variables? (5)
8. What do you understand by null in php? (5)
9. Explain the following types of errors in php. 1.Warning Error 2.Notice Error (5)
10. What is validation in php? Explain Briefly. (5)
11. What is secure socket layer? Explain briefly. (5)
12. State the parts of IP address (5)

OR

Write difference between Ipv4 and Ipv6. (5)
