BRAINWARE UNIVERSITY

Term End Examination 2023
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) Select from the following- the internet is_____

    a) a single network

    b) a vast collection of different networks

    c) interconnection of local area networks

    d) connection between two computer

(ii) Select one of the following protocols is not used in internet?

    a) HTTP

    b) DHCP

    c) DNS

    d) NAT

(iii) Identify Error 404 mean-

    a) The server could not find the required URL

    b) Requested HTML file is not available

    c) The path to the interpreter of the script is not valid

    d) The requested HTML file does not have sufficient permissions

(iv) Discuss Which property defines whether table cell borders are connected or separate?

    a) Pre

    b) border-color

    c) border-collapse

    d) table

(v) Justify You can extend the exception base class, but you cannot override any of the preceding methods because they are declared as.

    a) Protected

    b) Final

    c) static

    d) private

(vi) Explain Throw keyword is related to

    a) Exception Handling

    b) Array

    c) Unboxing

    d) Object creation

(vii) What will be the output of the following php code?

    a) 3

    b) 1+2

    c) 12

    d) Error

(viii) explain Cookie is a

    a) Server side piece of information

    b) Client side piece of information

    c) System generated information

    d) Outsider access

(ix) Conclude Array index in PHP starts from

    a) 0   b) 1
    c) 2   d) 4

(x) Estimate The functionalities of presentation layer includes

    a) Data compression   b) Data encryption
    c) Data description   d) All of these

(xi) Classify VPN is abbreviated as _____

    a) Visual Private Network   b) Virtual Protocol Network
    c) Virtual Private Network   d) Virtual Protocol Networking

(xii) Concider SEO Stands for _____.

    a) None of these   b) Search engine operation
    c) Search entry optimization   d) Search engine optimization

(xiii) The interconnection of networks all across the world is evaluated as

    a) Communication   b) Internet
    c) Web page   d) Ethernet

(xiv) Which of the following is not javascript data types?

    a) Null type   b) Undefined type
    c) Number type   d) All of the mentioned

(xv) Which of the following scoping type does JavaScript use?

    a) Sequential   b) Segmental
    c) Lexical   d) Literal

Group-B
(Short Answer Type Questions)   3 x 5=15

2. What do you Know about string function of php? Name 3 of them. (3)
3. Develop some example of are Pseudo elements and Pseudo classes (3)
4. Describe HTML layout structure. (3)
5. Explain virtual memory (3)
6. Compare between static and dynamic websites (3)

OR

Develop an example to do single and multi line comment in PHP (3)

Group-C
(Long Answer Type Questions)   5 x 6=30

7. What do you Understand by intra and inter domain routing? Discuss. (5)
8. Explain PHP cookies and session (5)
9. Discuss about Cookies (5)
10. Write short notes on Leaky bucket algorithm (5)
11. How to create and store cookies in php? Explain (5)
12. Discuss classful and classless IP addressing. (5)

OR

Write difference between Ipv4 and Ipv6. (5)

****