Total No. of printed pages = 6

BMD 171403

Roll No. of candidate

The figures in the margin indicate full marks
for the questions.

Answer Question No. 1 and any *six* from the rest.

1. Select the correct answer :   (10 × 1 = 10)

    (a) Internet is

        (i)   A global system of interconnected computer

        (ii) A global system of LAN computer

        (iii) A locally connected computer network

        (iv) None of the above

    (b) Full meaning of IETF is

        (i)   Internet Enabled Task Force

        (ii) Internet Engineering Task Force

        (iii) Intranet Engineering Task Force

        (iv) Internet Empaneled Track Factor

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(c) Full meaning of TCP is

    (i) Transferred Component Particle

    (ii) Transmission Component Protocol

    (iii) Transmission Control Protocol

    (iv) Transmission Carrying Particle

(d) Dial-up internet access is used through a

    (i) Mobile internet connection

    (ii) Wireless internet connection

    (iii) Cable connection

    (iv) Land line telephone connection

(e) Information architecture is a

    (i) Front-end design

    (ii) Back-end design

    (iii) Programming design

    (iv) None of the above

(f) Interface design of a website shows the

    (i) Front-end part

    (ii) Programming part

    (iii) Back-end part

    (iv) Strategy part

(g) Flowchart of a website describes the

    (i) Information architecture

    (ii) Navigation pattern

    (iii) Front-end design

    (iv) Nature of website

(h) Select the correct HTML code for unordered list

    (i)   product-l

    (ii)   product-l /ul>

    (iii)   product-l

    (iv)   product-l

(i) Select the correct code for linking CSS style sheet

    (i)   <Link href = "styles.css" rel = "stylesheet" type = "text/css" media = "screen" />

    (ii)   <Link href = styles.css rel = stylesheet type text/css media = screen/>

    (iii) <Link href = "styles.css" rel = "stylesheet.css" type = "text.css" media = "screen.css" />

    (iv) <Link = "styles.css" rel = "stylesheet" type = "text/css" media = "screen"/>

(j) Websites developed with the help of WordPress technology is a type of

    (i)   CMS website

    (ii)   CSS website

    (iii) XHTML website

    (iv) All of the above

2. (a) Define internet and its key features as you understand it.

   (b) How internet influence our world? Give five positive and five negative influence of Internet on our society.   (6 + 9 = 15)

3. Write short notes on any THREE of the following.

    (a) Artificial intelligence

    (b) Virtual Reality

    (c) Video conferencing

    (d) Social media website

    (e) Mobile phone apps. $(3 \times 5 = 15)$

4. (a) What is front-end and back-end design in web design? Describe with example.

    (b) What is a flow-chart in website? Explain with appropriate example. $(7 + 8 = 15)$

5. (a) What is naming convention? Describe five important naming conventions to be considered while designing a website,

    (b) Discuss various key factors to be considered while designing a website. $(5 + 10 = 15)$

6. Describe step by step process of making a website considering the following points.

    · Initial layout and planning

    · Preparing flowchart

    · Using Photoshop tool

    · Using Dreamweaver tool

    · Final output (15)

7. Differentiate between the following web design techniques and tools.

   (a) CSS and WordPress

   (b) HTML and Flash

   (c) Photoshop and Dreamweaver.   (3 × 5 = 15)

8. You have used HTML codes to develop a basic website in Dreamweaver. If you are assigned to design a basic HTML website with following contents, how to will you go for it? Describe each pages with appropriate HTML tags for the contents.

   (a) Total web pages : HOME, ABOUT, CONTACT

   (b) Home page contents :

   · Heading : Welcome to CIT Kokrajhar, Assam

   · Paragraph : Introduction about CIT Kokrajhar.

   · Picture at the bottom with file name "CIT_banner.jpeg"

   (c) About page contents:

   · Heading : Mission and Vision of CIT Kokrajhar

   · Paragraph 1 : Details about Mission and Vision of the institute.

   · Paragraph 2 : Numbered list of Mission statements – Mission-1, Mission-2, Mission -3.

(d) Contact page contents :

- Heading : contact us
- Paragraph : CIT Kokrajhar, BTAD, Assam, PIN : 783370.
- Picture at the bottom with file name "CIT_map.jpeg". (15)

9. Describe in brief any THREE of the following programming languages.

(a) PHP

(b) JAVA Script

(c) HTML

(d) CSS

(e) Flash Action script. (3 × 5 = 15)

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