M.M.: 40

Time Allowed: 1.5 hours

Note: All questions are compulsory.

1. **Fill in the blanks.** 5
   a. In <img> tag, _____ attribute defines the path of the image.
   b. Serif is an example of _____.
   c. A _____ is a system for communication among computers.
   d. _____ also aims to empower people through giving them access to information.
   e. App inventor is developed by _____.

2. **True/False.** 5
   a. Human brain is not capable of collect, manage and analyse the enormous data.
   b. Open button appears after the installation of app on the device.
   c. E-governance is not the application of ICT for delivering government services.
   d. Man is not a type of computer network topology.
   e. Inline Css is defined in a separate Css file.

3. **Multiple Choice Questions.** 5
   a. _____ refers to online education using computer via internet.
      i. Chatting
      ii. E-learning
      iii. Blog
      iv. All of these
   b. _____ is used to connect different networks.
      i. Router
      ii. NIC card
      iii. Switch box
      iv. All of these
   c. Css indentifies the tags by their _____?
      i. Names
      ii. ID
      iii. Class
      iv. All of these
   d. Data science prepares the data to be used by _____.
      i. Data scientists
      ii. Algorithms
      iii. Government
      iv. Businesses
   e. Gmail is a _____ app.
      i. Native
      ii. Hybrid
      iii. Web
      iv. Gaming

4. **Answer the following questions.** 15
   a. How can image be inserted in a web page? Give example?
   b. How does external css help in styling web pages easily and quickly?
   c. What is network topology?
   d. What is E-commerce?
   e. What is the use of Designer and Blocks part of App inventor interface?

5. **Coding.** 5
   Design a web page to insert an animated image in a Web Page.
   a. Use heading level <H1> and center aligned.
   b. Use address of image ---------c:\image\"Animated Pig.Gif">

6. **Write a few words about the following.** 5
   Bluetooth, Star Topology, Marquee Tag, Blog, E-banking