

2023

**FOUNDATION OF INFORMATION TECHNOLOGY**

Total marks : 70

Time : 3 hours

**General Instructions :**

i) Approximately 10 minutes is allotted to read the question paper and revise the answers.

ii) All questions are compulsory.

iii) The question paper consists of 32 questions.

iv) Internal choice have been provided in some questions.

v) Marks allocated to every question are indicated against it.

**N.B:** Check to ensure that all pages of the question paper is complete as indicated on the top left side.

**Choose the correct answer from the given alternatives:**

1. WWW uses the \_\_\_\_\_ protocol. 1  
(a) http (b) ftp  
(c) www (d) none of these
2. Which of the following is the most complex form of data? 1  
(a) Video data (b) Audio data  
(c) Numeric data (d) Text data
3. Number of characters in a field name is 1  
(a) 14 (b) 64  
(c) 65 (d) 255
4. \_\_\_\_\_ refers to the different values of same data in different files. 1  
(a) Atomicity (b) Data redundancy  
(c) Data duplication (d) Data inconsistency
5. Which of the following is not a web browser? 1  
(a) Mozilla Firefox (b) Internet Explorer  
(c) Opera (d) Notepad
6. Comments should be enclosed within \_\_\_\_\_ tag. 1  
(a) < --- ! ---! > (b) < ! -- and --- >  
(c) < ! - ..... and .... - > (d) < --- and --- >
7. The default value of numbered list is 1  
(a) Roman numerals (b) Arabic numerals  
(c) Numbers (d) Alphabets

8. The \_\_\_\_\_ attribute is the URL of the image to be inserted in the document. **1**  
 (a) src (b) align  
 (c) img (d) alt
9. \_\_\_\_\_ is not a tag but an attribute of anchor. **1**  
 (a) href (b) method  
 (c) rcf (d) hcf
10. A spam is a /an **1**  
 (a) unwanted e-mail (b) piece of software  
 (c) antivirus (d) none of these

**Answer the following questions in about 10-20 words:**

11. What is indexing software? **2**
12. What are the factors affecting download and upload times? **2**
13. Distinguish between data and information. **2**
14. What is DBMS? **2**
15. What are select and action queries? **2**
16. What is a Validation Rule? **2**
17. What are heading tags? **2**
18. What is the use of < body > tag? **2**
19. How can one create a link to an e-mail address? **2**
20. What are header and standard cells? **2**
21. How can a text box be created in html? **2**

**Answer the following questions in about 20-30 words:**

22. a. What is Internet? List any four uses of internet. **3**  
 Or  
 b. What is E-group? Write two advantages of E-group.
23. What is the use of creating relationship in a table? Discuss the two ways to create a relationship. **3**
24. a. What are < title >, < i > and < html > tags? **3**  
 Or  
 b. What are the uses of background, bgcolor and text attributes of < body > tag?
25. What are < p >, < br > and < hr > tags? **3**

26. What are the uses of height, border and width attributes of < img > tag? **3**
27. a. What are action, target and method attributes of < form > tag? **3**
- Or**
- b. How can one create frames in html? Explain with examples.

**Answer the following questions in about 50-70 words:**

28. a. What is E-banking? Write any three disadvantages of E-banking. **4**
- Or**
- b. Discuss any four benefits of networking.
29. What are data types? Explain any three data types. **4**
30. What are subscript and superscript? Explain with examples. **4**
31. a. What are internal and external linking? Explain with examples. **4**
- Or**
- b. What are ordered and unordered list? Discuss the attributes used with ordered and unordered lists.
32. a. What is sniffing? Discuss the three security measures to protect your network from sniffing attacks. **4**
- Or**
- b. Explain e-mail related crimes.

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