

D-7121

Sub. Code

22411

DISTANCE EDUCATION
CERTIFICATE PROGRAMME IN WEB DESIGNING
EXAMINATION - MAY 2021

FUNDAMENTALS OF INFORMATION TECHNOLOGY

(CBCS 2020 – 2021 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Define Data. Give example.
2. Give any two example of IT system in education and training.
3. What is an application software? Give examples.
4. Define graphics software.
5. What is database software?
6. What is mesh topology?
7. Define computer networks.
8. Define internet.
9. What is Domain name service (DNS)?
10. List out various available search engines.

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions, choosing either (a) or (b).

11. (a) Discuss the concepts of Global Positioning System. (GPS)

Or

- (b) Explain the applications of information system with example.

12. (a) Explain about various types of computers.

Or

- (b) Discuss about various features of spreadsheet processing.

13. (a) Explain the types of application software.

Or

- (b) Explain any one operating system and its features.

14. (a) What is analog signal? Explain its functions.

Or

- (b) Write short note on star topology with neat diagram.

15. (a) Explain about modem and its types.

Or

- (b) Discuss about email communication system.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about information technology and how it's implemented in recent days?
 17. Discuss in detail about various types of computer memory.
 18. Explain about the uses of database software tools in detail manner. Give examples.
 19. Write short note on (a) world wide web (b) web browser (c) Transmission media (d) SMTP
 20. Explain in detail about internet address, chatting and searching in world wide web.
-

D-7122

Sub. Code

22412

DISTANCE EDUCATION
CERTIFICATE PROGRAMME IN WEB DESIGNING

EXAMINATION - MAY 2021

OPEN SOURCE SOFTWARE

(CBCS 2020 – 2021 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. Mention some applications of open source systems.
2. Differentiate FREEWARE and SHAREWARE.
3. Define two phases in the evolution of Linux.
4. Write short notes on scheduler.
5. What is function for current date and time in MySQL?
6. What are the capabilities provided by MySQL client APIs?
7. Define aggregate functions and what are aggregate functions supported by the MySQL?
8. List out the data types available in PHP.

9. How the various PHP's LDAP client functions is used?
10. Write two ways in which warnings can be suppressed in PHP?

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions, choosing either (a) or (b).

11. (a) Illustrate the overview of Free/open source software.

Or

- (b) What is FOSS? How it is different from traditional software? Explain its advantages.

12. (a) Discuss the bootup process of LINUX.

Or

- (b) Describe the Shell commands that used in Linux.

13. (a) Explain the tools that are available for managing MySQL server.

Or

- (b) What are the differences between MySQL_fetch_array(), MySQL_fetch_object(), MySQL_fetch_row()?

14. (a) Explain the fundamental operations that are common to MySQL programs?

Or

- (b) Illustrate the difference between mysql_pconnect and mysqli_pconnect.

15. (a) (i) Discuss about the concerns of PHP security?
(ii) Give the importance of PHP security.

Or

- (b) Explain the components of LDAP?

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. How important factors that led to the development of open source software. What is the need of open source system? Discuss.
17. Explain the GNU/LINUX installation process. How to configure additional hardware? Discuss.
18. Illustrate setting up account starting, terminating your own SQL programs record selection technology.
19. How you working with metadata in MySQL. Discuss.
20. Discuss about PHP and LDAP connectivity of sending and receiving Emails.

D-7123

Sub. Code

22413

DISTANCE EDUCATION
CERTIFICATE PROGRAMME IN WEB DESIGN

EXAMINATION - MAY 2021

WEB DESIGNING

(CBCS 2020 – 2021 Academic Year Onwards)

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL the questions.

1. List out any six text formatting tag.
2. How do you insert an image in HTML?
3. What is the need of using CSS?
4. Write syntax and example to change background color by using CSS.
5. Write any two differences between HTML and XML.
6. What do you mean XML schema?
7. Define DOM.
8. Why do we need scripting languages?
9. Compare between java script and VB script.
10. How do you assign values to the variable in java script?

SECTION B — (5 × 5 = 25 marks)

Answer ALL the questions, choosing either (a) or (b).

11. (a) Explain anchor tag with its attributes.

Or

- (b) Discuss on HTML table with example.

12. (a) Discuss in detail about CSS fonts.

Or

- (b) How do you change font in CSS? Explain.

13. (a) How do you declare XML DTD? Explain.

Or

- (b) Discuss on building blocks of XML documents.

14. (a) Write down the features of java script.

Or

- (b) Write a java script for finding minimum and maximum in an array.

15. (a) How do you initialize an array? Explain with example.

Or

- (b) Explain the for statement with example.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain in detail about HTML form with suitable example.
17. Explain the CSS types with example.

18. Explain the following: (a) Benefits of XML (b) Internal and external DTD.
 19. Explain in detail about operators of java script.
 20. Design a simple web page by using HTML tags.
-