

HIGHER SECONDARY FIRST YEAR 2019-2020

MODEL QUESTION PAPER

XI - COMPUTER APPLICATION

Time Allowed: 15 minutes + 3 Hours

Maximum Marks: 70

PART – I

Note: (i) All questions are compulsory. 15 x 1 = 15
(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

1. Which type of booting is used when a system restarts?

- | | |
|-----------------|-----------------|
| A) Touch boot | B) Real boot |
| C) Warm booting | D) Cold booting |

2. 2^{30} is referred as:

- | | |
|---------|---------|
| A) Peta | B) Mega |
| C) Giga | D) Tera |

3. Display devices are connected to the computer through:

- | | |
|--------------|------------------|
| A) SCSI port | B) VGA connector |
| C) USB port | D) PS /2 port |

4. Operating System is a :

- | | |
|-------------------------|--------------|
| A) System Software | B) Component |
| C) Application Software | D) Hardware |

5. Which is displayed at the top most part of the window?

- | | |
|--------------|---------------|
| A) Title bar | B) Format bar |
| C) Menu bar | D) Tool bar |

6. A formula in Calc may begin with :

- | | |
|------|------------------|
| A) - | B) = |
| C) + | D) All the above |

- 7. How many types of websites are available?**
A) 4
B) 6
C) 3
D) 2
- 8. HTML tags should be specified within :**
A) ()
B) < >
C) []
D) { }
- 9. Which feature is used to call attention to the reader?**
A) Italics
B) Underline
C) Highlight
D) Bold
- 10. The tag used to insert an image in HTML.**
A) IMG
B) PIC
C) Image
D) Picture
- 11. The extension of CSS file is :**
A) .csc
B) .htm
C) .ssc
D) .css
- 12. The file reload into the browser uses the shortcut key:**
A) F4
B) F5
C) F2
D) F3
- 13. What will be the output for the following snippet?**
- ```
for(var a = 0; a<15; a++)
{
 If(a==4)
 {
 break;
 }
 document.write(a+"
");
}
```
- A) 0 1 2 3 4  
B) 0 1  
C) 0 1 2  
D) 0 1 2 3

**14. Predefined functions are also called as :**

- A) Instructions
- B) Commands
- C) Library functions
- D) Storage functions

**15. Which one of the following are self-repeating and do not require a computer program to attach themselves?**

- A) Spyware
- B) Trojans
- C) Viruses
- D) Worms

**GOVERNMENT MODEL QUESTION PAPER – ANSWERS FOR OBJECTIVES**

|             |              |              |              |              |              |              |             |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| <b>1. C</b> | <b>2. C</b>  | <b>3. B</b>  | <b>4. A</b>  | <b>5. C</b>  | <b>6. B</b>  | <b>7. D</b>  | <b>8. B</b> |
| <b>9. C</b> | <b>10. A</b> | <b>11. D</b> | <b>12. B</b> | <b>13. D</b> | <b>14. C</b> | <b>15. D</b> |             |

**PART – II**

**Answer any six questions.**

**Question No. 21 is compulsory.**

**6 X 2 = 12**

- 16. What is a Computer?
- 17. What is Open Source?
- 18. Write a note on Library functions.
- 19. What is Cell Pointer?
- 20. Explain with the help of an example the difference between container and empty elements of HTML.
- 21. What are the types of list in HTML?
- 22. Write the output of the following HTML code:

<HTML>

<BODY>

<OL>

<LI> Keyboard

<LI> Monitor

<LI> Speaker

```

```

```
</BODY>
```

```
</HTML>
```

23. List out the popular image formats.
24. Write about the shortcut keys for LEFT, RIGHT, CENTER and JUSTIFIED alignments.

### PART – III

**Answer any six questions.**

**Question No. 29 is compulsory.**

**6 X 3 = 18**

25. (a) Add :  $1101_2 + 1010_2$   
(b) Subtract :  $10100_2 - 1111_2$
26. Explain and list out examples of Mobile Operating System.
27. Differentiate Thunderbird and Firefox in Ubuntu OS.
28. What are the different types of page orientation?
29. Differentiate website and webpage.
30. What message will be displayed, if the input for age is given as 20, for the following Snippet?  
If(age>=18)  
{  
alert("you are eligible to get Driving Licence");  
}  
else  
{  
alert("you are not eligible to get Driving Licence");  
}
31. What are the advantages of using CSS?
32. Write about <script> tag.



33. Write an HTML code to scroll the following message in a web page.  
"Welcome to HTML"

**PART – IV****Answer all the questions.****5 X 5 = 25**

34. a) Explain the basic components of a computer with a neat diagram.

**(OR)**

b) Convert (155)<sub>10</sub> into Binary, Octal and Hexadecimal equivalent.

35. a) Explain in detail about the different mouse actions.

**(OR)**

b) How many types of views are provided by Impress to its users?  
Explain them.

36. a) Explain any five internet applications with suitable examples.

**(OR)**

b) Explain the attributes used with <table> tag in HTML.

37. a) Write an HTML code to create the following table :

**(OR)**

b) Explain the <form> tag with its attributes.

38. a) Explain switch case statement with example.

**(OR)**

b) Describe any five pre-defined functions in JavaScript with examples.



C) Ctrl + V

D) Ctrl + A

**7. Column heading starts from A and end with**

A) IV

B) BK

C) AMJ

D) MJA

**8. To insert a picture in a slide, choose**

A) Insert – Picture – From File

B) Insert – Picture

C) Insert – Picture File

D) Insert – From File – Picture

**9. Looking for information on the internet is called**

A) Surfing

B) Searching

C) Finding

D) glancing

**10. HTML is acronym for**

A) Hyper Transfer Markup Language

B) Hyper Text Markup Language

C) Hyper Transfer Makeup Language

D) Hyper Text Makeup Language

**11. The important attributes used with the <form> tag are**

A) method and action

B) name and size

C) post and get

D) type and name

**12. The Declaration block of CSS is surrounded by**

A) ( )

B) [ ]

C) { }

D) <>

**13. In the below snippet, value of x is  $\text{var } x = 250 + 2 - 200;$**

A) 50

B) 52

C) 48

D) 42

**14. Larger programs are divided into smaller are called**

A) modules

B) block

C) sets

D) Group

**15. Distributing unwanted e-mail to other is called**

- A) Scam  
 B) Spam  
 C) Fraud  
 D) Spooling

**MODEL QUESTION PAPER – 1 - ANSWERS FOR OBJECTIVES**

<b>1. B</b>	<b>2. A</b>	<b>3. A</b>	<b>4. D</b>	<b>5. B</b>	<b>6. D</b>	<b>7. C</b>	<b>8. A</b>
<b>9. A</b>	<b>10. B</b>	<b>11. A</b>	<b>12. C</b>	<b>13. B</b>	<b>14. B</b>	<b>15. B</b>	

**PART – II**

**Answer any six questions.**

**Question No. 21 is compulsory.**

**6 X 2 = 12**

16. What is QR Code?
17. What is an LibreOffice Impress?
18. How will you Create a new text document in OpenOffice Writer?
19. What are the components of url addressing?
20. Write about any two attributes of font tag.
21. What is the used of Width and Height <IMG> tag?
22. What is conditional operator give suitable example.
23. What is variable in JavaScript code?
24. What is Cyber Security Threats?

**PART – III**

**Answer any six questions.**

**Question No. 29 is compulsory.**

**6 X 3 = 18**

25. Write a note on EEPROM?
26. What are the advantages and disadvantages of Time-sharing features?
27. What is "Auto Fill"?

28. How many types of views are provided by Impress to its users?
29. What are the core tags used to create table in HTML?
30. Explain the main attributes used with <form> tag.
31. What is the Implicit declaration of variables?
32. What is used of parseInt( ) function?
33. What is a digital signatures?

**PART – IV****Answer all the questions.****5 X 5 = 25**

34. a) Explain the various input devices.

**(OR)**

b) How the read and write operations are performed by a processor? Explain.

35. a) What are the Advantages of Distributed Operating System?

**(OR)**

b) Explain the User Interface (UI).

36. a) Explain the Moving Files and Folders.

**(OR)**

b) Explain the Selecting Text.

37. a) Explain the Inserting Slide in OpenOffice Impress.

**(OR)**

b) Explain attributes of <TD>, <TH> and <TR> tags:

38. a) What is Link and explain the types of links.

**(OR)**

b) Write a HTML code using to test logical operators.









**PART – II**

**Answer any six questions.**

**Question No. 21 is compulsory.**

**6 X 2 = 12**

16. Expand ENIAC and EDVAC.
17. Write the 1's complement procedure.
18. What is Computer Architecture?
19. What is the use of a file extension?
20. What is auto text in Writer?
21. Define a template in Impress.
22. Name the two important protocols for internet?
23. What are the types of list in HTML?
24. What is used of default and break statement?

**PART – III**

**Answer any six questions.**

**Question No. 29 is compulsory.**

**6 X 3 = 18**

25. Write down the interfaces and ports available in a computer.
26. Explain and list out examples of mobile operating system.
27. What is an System Setting Icon?
28. Write about inserting columns and rows in Calc.
29. Explain the attributes available with <body> tag.
30. Write a short note on familiar images format.
31. Write a short note on rule of CSS.
32. Write about <script> tag
33. Write about encryption and decryption.

**PART – IV****Answer all the questions.****5 X 5 = 25**

34. a) Explain the different types of Mouse.

**(OR)**

b) Conversion of Hexadecimal to Binary:

1)  $(F2CE)_{16}$                       2)  $(DB9A)_{16}$

35. a) Explain the types of ROM.

**(OR)**

b) Write a note on Time – sharing.

36. a) How will you Starting and Closing Application?

**(OR)**

b) Explain what are the ways to create a new Folder?

37. a) What are the different methods to change margin in Writer?

**(OR)**

b) Explain the Features of OpenOffice Calc.

38. a) Explain the Changing Paragraph Alignment.

**(OR)**

b) Explain the Lexical Structure of a Programming Language.



**7. Which shortcut keys are used to display the navigator?**

- A) Ctrl + Shift + F3                      B) Ctrl + Shift + F5  
C) Ctrl + Shift + F7                      D) Ctrl + Shift + F4

**8. Safari web browser was developed by**

- A) Google                                      B) Apple  
C) Microsoft                                  D) Linux Corpn.

**9. The tag used to insert a line break:**

- A) <h1>                                        B) <br>  
C) <html>                                      D) <p>

**10. Read the following statement and choose the correct statement(s):**

(I) Link in HTML is used to create hyperlinks to web content.

(II) HREF is abbreviated as Hypertext Markup File

- A) I is correct                                  B) II is correct  
C) I and II is correct                        D) Both are wrong

**11. Expansion of CSS**

- A) Cascading Style Schools                B) Cascading Style Scheme  
C) Cascading Style Sheets                D) Cascading Style Shares

**12. Find the value String3 is var String3 = "Java" + "Script".**

- A) Java                                         B) Script  
C) JavaScript                                 D) "JavaScript"

**13. How many times will following loop be executed?**

**for (var i = 2; i<=30; i+1)**

- A) 1                                              B) 29  
C) 30                                             D) 31

**14. Which statement marks the end of the function?**

- A) End                                          B) Return  
C) Break                                        D) Continue



**15. A computer network security that monitors and controls incoming and outgoing traffic is**

- A) Cookies
- B) Virus
- C) Firewall
- D) worms

**MODEL QUESTION PAPER – 3 - ANSWERS FOR OBJECTIVES**

<b>1. B</b>	<b>2. C</b>	<b>3. A</b>	<b>4. B</b>	<b>5. A</b>	<b>6. B</b>	<b>7. B</b>	<b>8. B</b>
<b>9. B</b>	<b>10. A</b>	<b>11. C</b>	<b>12. C</b>	<b>13. B</b>	<b>14. B</b>	<b>15. C</b>	

**PART – II**

**Answer any six questions.**

**Question No. 21 is compulsory.**

**6 X 2 = 12**

- 16. What is BCR?
- 17. What are the different Operating Systems used in computer?
- 18. What is Document Window?
- 19. What is the Indenting of the Text?
- 20. What is a browser?
- 21. Write the following equation as HTML notation:  
 $Pd = 2^5 - Q^2$
- 22. What is the Alt (Alternative Text)?
- 23. How many Literals in JavaScript and mention its types.
- 24. What is Software Cracking?

**PART – III**

**Answer any six questions.**

**Question No. 29 is compulsory.**

**6 X 3 = 18**

- 25. What are types of operations carried out by and Instruction set?
- 26. What do you meant by hierarchy of arithmetic operators or precedence rule?

27. Who uses the presentation software and why?
28. Difference between <UL> and <OL> tags.
29. Explain the values of <input> tag's type attribute.
30. List out the Relational or Comparison Operators.
31. What are the Conditional statements?
32. What is toLowerCase( ) function?
33. What is the Public key Encryption?

### PART – IV

**Answer all the questions.**

**5 X 5 = 25**

34. a) Explain the different types of Printers.  
**(OR)**  
b) Conversion of Decimal to Binary using the Sum of Powers of 2:  
1)  $(41)_{10}$       2)  $(95)_{10}$
35. a) Explain advantages and disadvantages of open source operating systems.  
**(OR)**  
b) Explain Memory Management Techniques.
36. a) Explain the Finding Files and Folders.  
**(OR)**  
b) Explain Page formatting in Writer.
37. a) How will you run the slide show in OpenOffice Impress?  
**(OR)**  
b) Write a HTML code using relational operator to compare two data.
38. a) Explain switch case statement with example.  
**(OR)**  
b) Explain Hacking in detail.



C) A1 ? F1

D) A1 ; F1

**7. Identify the extension of the Impress presentation.**

A) .odp

B) .ppt

C) .odb

D) .ood

**8. USB WiFi adapters are often called as**

A) Data Card

B) Pen Drive

C) Dongles

D) Memory Card

**9. Which of the following attribute is used to change text colour within body tag?**

A) bgcolor

B) background

C) text

D) color

**10. The tags <sub> and <sup> used for:**

A) Subject and Super

B) Subscript and Super

C) Subject and Superscript

D) Subscript and Superscript

**11. Match the following:**

- (a) <textarea> - (1) inline  
 (b) <input> - (2) Video  
 (c) <bgsound> - (3) Multiline input  
 (d) <embed> - (4) Password

	(a)	(b)	(c)	(d)
(A)	3	1	4	2
(B)	3	4	1	2
(C)	2	3	4	1
(D)	2	1	3	4

**12. Expand CGI**

A) Common Gateway Interface

B) Complex Gateway Information

C) Common Gateway Information

D) Complex Gateway Interface

13. `<script type = "text / javascript">`

`x = 6 + "3";`

`document write (x);`

`</script>` what will be the output?

- A) 6
- B) 9
- C) 63
- D) Error

14. The process of converting cipher text to plain text is called

- A) Encryption
- B) Decryption
- C) key
- D) proxy server

15. How many Relational Operators are there?

- A) 3
- B) 4
- C) 5
- D) 6

**MODEL QUESTION PAPER – 4 - ANSWERS FOR OBJECTIVES**

1. C	2. A	3. B	4. B	5. B	6. A	7. A	8. C
9. C	10. D	11. B	12. A	13. C	14. B	15. D	

**PART – II**

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

- 16. Distinguish Primary and Secondary memory.
- 17. List the encoding systems for characters in memory.
- 18. How do you merge cells in a table?
- 19. What is a Active cell?
- 20. What is Slide Transition?
- 21. What is the <br> tag?
- 22. What is inline sound or movie?
- 23. What are the Tokens?
- 24. Write a note on Library functions.



**PART – III****Answer any six questions.****Question No. 29 is compulsory.****6 X 3 = 18**

25. Write a note on SJF.
26. Write short note on Relative Cell References?
27. What is TCP/IP?
28. Explain the Heading Tags.
29. What are the core tags used to create table in HTML?
30. What are the advantages of using CSS?
31. What are the uses of Logical Operators?
32. What are the different types of control statement used in JavaScript?
33. Write a program in JavaScript to find the cube of a number using function

**PART – IV****Answer all the questions.****5 X 5 = 25**

34. a) Explain the characteristic of a microprocessor.  
**(OR)**  
b) What are Header and Footer? How do you insert page numbers?
35. a) Explain the Moving and Copying a Text.  
**(OR)**  
b) Explain the Generating series using command.
36. a) Explain how will you create a chart using OpenOfficeCalc.  
**(OR)**  
b) Explain any five internet applications with suitable examples.
37. a) Explain the types of list with suitable HTML code.  
**(OR)**  
b) Explain about the popup dialog boxes in JavaScript.
38. a) Explain the While loop with suitable example.  
**(OR)**  
b) Write a JavaScript Program for the following:  
To display as 10, 9, 8, .....0





- 7. Which of the following command to run the slide show in Impress?**
- A) File → Slide Show                      B) Slide Show → Slide Show  
C) Format → Slide Show                  D) Slide → Slide Show
- 8. The internet is governed by**
- A) ICANM                                      B) ICANN  
C) ICMA                                        D) ICNN
- 9. How many levels of heading tags available in HTML?**
- A) 6                                              B) 4  
C) 8                                              D) 3
- 10. Definition description should be surrounded within the tag pair is**
- A) <OL> and </OL>                      B) <DD> and </DD>  
C) <DL> and </DL>                      D) <DT> and </DT>
- 11. The extension of CSS file is**
- A) .ssc                                          B) .css  
C) .csc                                        D) .htm
- 12. The file reload into the browser use the shortcut key is**
- A) F2                                            B) F3  
C) F4                                            D) F5
- 13. What is the output for the given snippet?**
- ```
for(var a=1; a < 5 ; a +1)
{
document write (a+" ");
}
```
- A) 1234 B) 4321
C) 1111 D) 4444
- 14. Which function used to find length of the given string?**
- A) toUpperCase() B) toLowerCase()
C) parseInt() D) length()

15. Legal recognition for transactions are carried out by

- A) Electronic Data Interchange
- B) Electronic Data Exchange
- C) Electronic Data Transfer
- D) Electrical Data Interchange

MODEL QUESTION PAPER – 5 - ANSWERS FOR OBJECTIVES

| | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 1. C | 2. C | 3. B | 4. A | 5. A | 6. A | 7. B | 8. B |
| 9. A | 10. B | 11. B | 12. D | 13. A | 14. D | 15. A | |

PART – II

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

- 16. Differentiate Input unit and Output unit.
- 17. Which source is used to erase the content of a EPROM?
- 18. What is auto text in Writer?
- 19. What is Range?
- 20. What is the Master slide?
- 21. What is the role of ICANN?
- 22. What is the Paragraph tag?
- 23. Write down the general format of marquee
- 24. What is literal?

PART – III

Answer any six questions.

Question No. 29 is compulsory.

6 X 3 = 18

- 25. What is Fault Tolerance?
- 26. Write a note on W3C.
- 27. Write short note on Absolute Cell References?

28. Write a short note on rule of CSS.
29. Write about <script> tag.
30. What is Relational Operators?
30. What is meant by conditional statements in JavaScript?
31. What is called a loop and what are its types?
32. Write a note on user defined functions.
33. What are ethical issues? Name some of them.

PART – IV

Answer all the questions.

5 X 5 = 25

34. a) Explain Page formatting in Writer.

(OR)

b) Explain the Formatting Text and Paragraph.

35. a) What are functions? How can you use them in your worksheet?
Explain with an example.

(OR)

b) Write a note on any five Internet browsers other than that given in the book.

36. a) Explain about the Arithmetic operator with suitable example.

(OR)

b) Explain the do....While loop.

37. a) Write a Java Script program using while statement to display 10 numbers.

(OR)

b) Write a program in JavaScript for adding two numbers using function.

38. a) What are the various crimes happening using computer?

(OR)

b) Write the different types of cyber attacks.

MODEL QUESTION PAPER - 6 (2019 – 2020)**XI - COMPUTER APPLICATION**

Time Allowed: 15 minutes + 3 Hours

Maximum Marks: 70

PART – I**Note: (i) All questions are compulsory. 15 x 1 = 15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.**

- 1. Which detects characters printed or written on a paper?**
A) OCR
B) BCR
C) QR
D) VGA
- 2. The range of ASCII values for lower case alphabet is**
A) 65 – 90
B) 90 – 116
C) 0 – 25
D) 97 – 122
- 3. Which is a collection of wires used for communication between the internal components of a computer?**
A) Address bus
B) Bus
C) Address register
D) Control bus
- 4. The command is used to paste file or folder**
A) File – Paste
B) Edit – Paste
C) Format – Paste
D) Tool – Paste
- 5. A continuous group of cell is called as**
A) Range
B) Address
C) References
D) Pointer
- 6. DSL which stands for**
A) Direct System Line
B) Digital Subscriber Line
C) Direct Subscriber Line
D) Digital System Line

28. Write an HTML code to provide hyperlink to <https://www.w3schools.com>.
29. Explain the attributes of <select> and <option> tags.
30. Difference between the increment and Decrement operator.
31. What is string concatenation?
32. What are the branching statements?
33. What is toUpperCase() function?

PART – IV

Answer all the questions.

5 X 5 = 25

34. a) Explain the various output devices.

(OR)

b) Explain the Digital Versatile Disc (DVD).

35. a) Explain the main purpose of an Operating System.

(OR)

b) Write a note on Security Management.

36. a) Explain the Deleting Files and Folders.

(OR)

b) Write about the drawing toolbar.

37. a) Explain the Using Empty Presentation?

(OR)

b) Explain the Structure of Email.

38. a) Write a program in JavaScript to test isNaN() Function.

(OR)

b) Explain the working of Firewall server.

MODEL QUESTION PAPER - 7 (2019 – 2020)**XI - COMPUTER APPLICATION**

Time Allowed: 15 minutes + 3 Hours

Maximum Marks: 70

PART – I**Note: (i) All questions are compulsory. 15 x 1 = 15****(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.**

- 1. Which device is a pointing device shaped like a pen?**
A) QR
B) Fingerprint
C) Track ball
D) Light Pen
- 2. ASCII value for numeric zero is**
A) 32
B) 48
C) 64
D) 127
- 3. Which bus is a collection of wires to carry data in bits?**
A) Data
B) Address
C) Control
D) Logic
- 4. Which of the following to select consecutive files or folders, click on the first file to the last file?**
A) Ctrl + Click
B) Shift + Click
C) Alt + Click
D) Click + Shift
- 5. The cell in which the cell pointer is currently located is known as**
A) Cell
B) Cell Pointer
C) Cell address
D) Active cell
- 6. Which key is used to open the Style and formatting window?**
A) F2
B) F11

C) F7

D) F5

7. Expansion of ICANN is

- A) Internet Corporation for Assigned Names and Numbers
- B) Internet Corporation for Assigned Numbers and Names
- C) Internet Corporation for Assigned Network and Numbers
- D) Internet Corporation for Assigned Numbers and Network

8. Which one of the following heading tag have a very big font size?

- A) <H1>
- B) <H2>
- C) <H4>
- D) <H6>

9. Definition term is presented in between the tag pair is

- A) and
- B) and
- C) <DL> and </DL>
- D) <DT> and </DT>

10. What is the property to set text as bold?

- A) Font-Style
- B) Font-Weight
- C) Font-Property
- D) Font-Bold

11. Which value causes the audio play as long as the page is in view?

- A) Stop
- B) Never Stop
- C) Continue
- D) Infinite

12. How many attributes specifies that <script> tag in the scripting?

- A) 2
- B) 3
- C) 4
- D) 5

13. Which of the following is not a branching statement?

- A) Loop
- B) If-else
- C) Switch
- D) For

14. The function body must be enclosed by

- A) Square brackets
- B) Curly braces

- C) Angle brackets D) Semicolon

15. The process of converting cipher text to plain text is called

- A) Encryption B) Decryption
 C) Key D) Proxy server

MODEL QUESTION PAPER – 7 - ANSWERS FOR OBJECTIVES

| | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 1. D | 2. B | 3. A | 4. B | 5. D | 6. B | 7. A | 8. D |
| 9. D | 10. B | 11. D | 12. A | 13. A | 14. C | 15. B | |

PART – II

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

16. What is Hardware and Software?
17. What is GUI?
18. What is Filtering?
19. What is the Normal View?
20. What is a search engine?
21. What is the use of <mark> tag?
22. What is String?
23. Write the general syntax for switch statement
24. What is the use of function?

PART – III

Answer any six questions.

Question No. 29 is compulsory.

6 X 3 = 18

25. How will you differentiate a flash memory and an EEPROM?
26. How do you insert cells, rows and columns?
27. Explain the Date Arithmetic.

28. How do you view the source file?
29. What are the rules for naming variable?
30. How will you scroll the text in HTML?
31. Brief the basic types in JavaScripts.
32. Differentiate between while and do..while statements.
33. Explain symmetric key encryption.

PART – IV

Answer all the questions.

5 X 5 = 25

34. a) Explain the Blu-Ray Disc.

(OR)

- b) Explain the Bullets and Numbering.

35. a) Explain the Inserting Cells.

(OR)

- b) Classify and explain any five e-commerce parties with suitable examples.

36. a) Explain the attributes used with <table> tag in HTML.

(OR)

- b) Explain the types of list with suitable HTML code.

37. a) Explain about the popup dialog boxes in JavaScript.

(OR)

- b) Explain about the Arithmetic operator with suitable example.

38. a) Write a JavaScript Program to display Multiplication table of any given number.

(OR)

- b) Write a JavaScript Program to display Odd number from 1 to n numbers.

MODEL QUESTION PAPER - 8 (2019 – 2020)

XI - COMPUTER APPLICATION

Time Allowed: 15 minutes + 3 Hours

Maximum Marks: 70

PART – I

Note: (i) All questions are compulsory. 15 x 1 = 15
(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

1. **1. The speed of the dot matrix printers is**
 A) CPS B) BIOS C) Line D) LPM
2. **ASCII value for a black space is**
 A) 16 B) 32 C) 48 D) 127
3. **Which determines the amount of RAM accessed at one time?**
 A) Speed B) Word size
 C) Hertz D) Control bus
4. **The command is used to paste file or folder**
 A) File – Paste B) Edit – Paste
 C) Format – Paste D) Tool – Paste
5. **Combination of values, operators and cell references is called as**
 A) Reference B) Expression
 C) Operator D) Range
6. **The key combination used to open print dialog box in OpenOffice Impress is**
 A) Ctrl + Shift + P B) Ctrl + P
 C) Shift + P D) Alt + P
7. **Expansion of ISDN is**
 A) Integrated Services Digital Network

- B) Internet Services Digital Network
- C) Information Services Digital Network
- D) Indian Services Digital Network

- 8. Which of the following Function key to refresh / reload the modifications?**
- A) F2 B) F3 C) F4 D) F5
- 9. Which anchor tag is used to create links along with HREF attribute?**
- A) <A> B) <Link>
- C) <Anchor> D) <AT>
- 10. What is the property to set text as Font_name?**
- A) Font-Style B) Font-Weight
- C) Font-family D) Font-Bold
- 11. How many attributes specifies that <script> tag in the scripting**
- A) 2 B) 3 C) 4 D) 5
- 12. Which statement to specify a new condition if the first condition is false?**
- A) switch B) if..else
- C) else if D) do..while
- 13. Which are used to encapsulate code that performs a specific task?**
- A) Loop B) Function
- C) Control structures D) ParseInt()
- 14. Which refer to the generally accepted standards of right and wrong in the society?**
- A) Piracy B) Morals
- C) Virus D) Ethics

15. Which encoding schemes specially designed for Indian languages including Tamil?

- A) ASCII B) EBCDIC C) BCD D) ISCII

MODEL QUESTION PAPER – 8 - ANSWERS FOR OBJECTIVES

| | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 1. A | 2. B | 3. B | 4. B | 5. B | 6. B | 7. A | 8. D |
| 9. A | 10. C | 11. B | 12. C | 13. B | 14. B | 15. D | |

PART – II

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

16. What is File Management?
17. What is Open Source?
18. Write about the text operator in OpenOffice Calc.
19. What is Custom Animation?
20. Which tag is used to specify the list of items in dropdown list box?
21. What are the benefits of e-governance?
22. Expand CGI and ASP.
23. What is CSS?
24. Write two types of cyber attacks.

PART – III

Answer any six questions.

Question No. 29 is compulsory.

6 X 3 = 18

25. Differentiate CD and DVD.
26. What are Advantages of email?
27. In cell A1=34 A2=65 A3=89 write the formula to find the average.
28. Explain the attributes available with <body> tag.

29. Write a CSS file to define text color and alignment to <p> tag.
30. Write note on string Operator.
31. What are the scope of variables?
32. Give the Syntax of if statement with?
33. Write a program in JavaScript to find the sum of 10 numbers using function.

PART – IV

Answer all the questions.

5 X 5 = 25

34. a) Explain the different types of Mouse.

(OR)

b) What are the different methods to change margin in Writer?

35. a) Explain the Selecting Text.

(OR)

b) Explain the Inserting pictures in to your document?

36. a) Write the steps to generate the following series. 5, 10, 20 2560

(OR)

b) Explain the Filtering and different types of Filter.

37. a) Compare the different geographical types of Network.

(OR)

b) Explain the different types Operators with examples.

38. a) Explain for loop with example.

(OR)

b) List and explain the Font and text element properties and values used CSS.

MODEL QUESTION PAPER - 9 (2019 – 2020)**XI - COMPUTER APPLICATION**

Time Allowed: 15 minutes + 3 Hours

Maximum Marks: 70

PART – I

Note: (i) All questions are compulsory. 15 x 1 = 15
(ii) Choose the most appropriate answer from the given four alternatives and write the option code and the corresponding answer.

- 1. Line printers are capable of printing much more than**
A) 1000 lpm
B) 100 lpm
C) 10000 lpm
D) 300 lpm
- 2. The range of ASCII values for upper case alphabet is**
A) 65 – 90
B) 90 – 116
C) 0 – 25
D) 97 – 122
- 3. Which interface transfers the uncompressed video and audio data to a computer monitor?**
A) HDMI
B) IBM
C) HDD
D) DVD
- 4. Which of the following is used to delete the file or folder permanently?**
A) Shift + Delete
B) Ctrl + Delete
C) Alt + Delete
D) Shift + Ctrl + Delete
- 5. Which helps you in presenting a graphical representation of your data?**
A) Function
B) AutoSum
C) AutoFill
D) Chart
- 6. Which function key to run the slide show in OpenOffice Impress?**
A) F4
B) F5
C) F7
D) F8

7. W3C stands for

- A) World Wide Web Consortium
- B) Wide Web World Consortium
- C) Web Wide World Consortium
- D) Wide World Web Consortium

8. Which of the following tag should be entered below, the </head> tag?

- A) <Body>
- B) <Head>
- C) <Title>
- D) < Html>

9. Which of the following tag is used defines table columns?

- A) <table>
- B) <tr>
- C) <th>
- D) <td>

10. CSS is also called as:

- A) Sitewide Style Sheets
- B) Internal Style Sheets
- C) Inline Style Sheets
- D) Internal Inline Sheets

11. User entered data, is validated before sending it to server is called

- A) Server traffic
- B) Dynamic Web Page
- C) Server Route
- D) Web server

12. Which of the following is the conditional operator in JavaScript?

- A) ?:
- B) :?
- C) ?;
- D) ::

13. Which statement terminates the loop irrespective of the condition?

- A) Continue
- B) Break
- C) For
- D) Do..while

14. Which of the following is used to enhance reusability and program clarity?

- A) Functions
- B) Modules
- C) Sets
- D) Instructions

15. A computer network security that monitors and controls incoming and outgoing traffic is

- A) Cookies
- B) Virus
- C) Firewall
- D) Worms

MODEL QUESTION PAPER – 9 - ANSWERS FOR OBJECTIVES

| | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|-------------|
| 1. A | 2. A | 3. A | 4. B | 5. D | 6. B | 7. A | 8. A |
| 9. C | 10. A | 11. B | 12. A | 13. B | 14. A | 15. C | |

PART – II

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

- 16. What is UNIX?
- 17. What are types of Filters?
- 18. Define a template in Impress.
- 19. What is a website?
- 20. What are the types of list in HTML?
- 21. Give the general format of Tag.
- 22. What is Inline Style?
- 23. What is Unary + and – Operator?
- 24. Write a short note on cracking.

PART – III

Answer any six questions.

Question No. 29 is compulsory.

6 X 3 = 18

- 25. What are the Merits and Demerits of Fifth Generation Computers?
- 26. Explain the process management algorithms in Operating System.
- 27. Write about social networking.
- 28. How will you select the text using Shortcut?
- 29. What are the attributes available in <html> tags?

30. What are the uses of Logical Operators?
31. Briefly explain the attributes of <hr> tag.
32. Write the syntax for else-if statement.
33. Write note on Tamil operating system.

PART – IV

Answer all the questions.

5 X 5 = 25

34. a) Explain the different types of Printers.

(OR)

b) Explain the Digital Versatile Disc (DVD).

35. a) Explain the Find & Replace in OpenOffice Writer.

(OR)

b) Explain about changing the column width in Calc.

36. a) Explain any five types of internet services.

(OR)

b) Explain the attributes used with <table> tag in HTML.

37. a) Explain switch case statement with example.

(OR)

b) Write a JavaScript program using while statement to display 10 numbers.

38. a) Explain do..while loop with suitable example.

(OR)

b) What is Piracy? Mention the types of piracy? How can it be prevented?

C) File Telephony Protocol D) File Telecommunications Protocol

8. The tag used to insert a line break:

A) <h1> B)
 C) <html> D) <p>

9. Which of the following tag is used to create a table?

A) <table> B) <tr> C) <th> D) <td>

10. The Declaration block of CSS is surrounded by

A) () B) [] C) { } D) <>

11. Data value for variable that appears directly in a program by using a

A) loop B) Literal
C) Statement D) Text

12. Java script introduced on

A) December 4, 1992 B) December 4, 1995
C) December 5, 1992 D) December 5, 1995

13. Which statement is used commonly within switch to exit the statement once the appropriate choice is found?

A) for B) do..while
C) break D) else if

14. Which function is used to convert given string into uppercase?

A) toUpperCase() B) toLowerCase()
C) alert D) parseFloat()

15. The process of converting cipher text to plain text is called

A) Encrytion B) Decryption
C) Key D) Proxy server

MODEL QUESTION PAPER – 10 - ANSWERS FOR OBJECTIVES

| | | | | | | | |
|------|-------|-------|-------|-------|-------|-------|------|
| 1. C | 2. B | 3. B | 4. B | 5. D | 6. B | 7. B | 8. B |
| 9. A | 10. C | 11. B | 12. B | 13. C | 14. A | 15. B | |

PART – II

Answer any six questions.

Question No. 21 is compulsory.

6 X 2 = 12

16. Which is the first digital computer and who was invented?
17. List out different distributions of Linux operating system.
18. What are the important functions of an Operating System?
19. What are the OpenOffice Software packages?
20. What is a website?
21. What is thematic break?
22. What is JPEG?
23. What is the uses of prompt dialog box?
24. What is MITM?

PART – III

Answer any six questions.

Question No. 29 is compulsory.

6 X 3 = 18

25. What are the Classification of Microprocessors based on the Data Width?
26. Write any three formatting options.
27. Define the Slide Sorter view and its significance.
28. Write an HTML code to display the following text in exactly the same way as given below.

I am studying Computer Science Application.

29. How will you scroll the text in HTML?
30. What is length() function?
31. What is a digital certificate?
32. Write the syntax for else-if statement.
33. Write note on Unicode.

PART – IV**Answer all the questions.****5 X 5 = 25**

34. a) Explain the Booting of computer.

(OR)

b) Write a note on Flash Memory Devices.

35. a) Explain the concept of a Distributed Operating System.

(OR)

b) What are the activities in connection with Memory Management?

36. a) Explain the Copying Files and Folders

(OR)

b) What are Header and Footer? How do you insert page numbers?

37. a) Explain the subscript and superscript?

(OR)

b) Explain scrolling text using <Marquee> with its attribute.

38. a) Write an HTML document to display the following paragraph as per the given description Using CSS:

- Font Name : Cooper Black
- Style : Bold Italics
- Color : Blue

“The State Institute of Education (SIE) was established in 1965 to provide for systematic study of problems relating to school Education under the administration of Directorate of School Education.”

(OR)

b) Explain public key Encryption.