



Code No. **327**

Roll No.

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Candidates must write the Code on the title page of the answer-book.

- Please check that this question paper contains **7** printed pages.
- Code number given on the right hand side of the question paper should be written on the title page of the answer-book by the candidate.
- Please check that this question paper contains **42** questions.
- Please write down the Serial Number of the question in the answer-book before attempting it.
- 15 minute time has been allotted to read this question paper. The question paper will be distributed at 10.15 a.m. From 10.15 a.m. to 10.30 a.m., the students will read the question paper only and will not write any answer on the answer-book during this period.

WEB APPLICATIONS (NEW)

Time allowed : 3 hours

Maximum Marks : 60



16. XML stands for 1
- (A) Xtra Markup Language
 - (B) Extensible Markup Language
 - (C) Extensible Marking Language
 - (D) Extensive Marked Language
17. .gif, .tga, .ps are examples of _____ images. 1
- (A) audio
 - (B) video
 - (C) image
 - (D) sound
18. MIDI stands for 1
- (A) Musical Instrument Digitized Interleave
 - (B) Music Instrument Drama Interface
 - (C) Multimedia Digital Interface
 - (D) Musical Instrument Digital Interface
19. JavaScript was developed by 1
- (A) Brendan Eich
 - (B) Dennis Ritchie
 - (C) Robert Hooke
20. DOM stands for _____ . 1
21. Variables in JavaScript can be declared using 1
- (A) VAR
 - (B) Var
 - (C) var
 - (D) Dim
22. % in JavaScript is an example of 1
- (A) Arithmetic operator
 - (B) Relational operator
 - (C) Bitwise shift operator
 - (D) Unary operator
23. Numbers in JavaScript are double-precision 1
- (A) 32-bit format
 - (B) 128-bit format
 - (C) 64-bit format
 - (D) 16-bit format



Answer any 5 questions out of the given 7 questions of 2 marks each. 2×5=10

24. Explain WAX and the different modes in which it can work. 2
25. Write any two features of AVITricks. 2
26. Write any two features of timeline view in Windows Movie Maker. 2
27. Name two image file formats that are popular for FTP and WWW. Also state whether they are compressible or not. 2
28. Give any two tips to remember while writing JavaScript commands. 2
29. Write the output of the given code : 2
- ```
<html>
<body>
<script>
 s= ["blue", "red", "orange", "yellow"]
 s.reverse();
 for (i=0;i<s.length;i=i+2)
 document.write(s[i].toUpperCase()+"
");
</script> </body> </html>
```
30. Explain the following terms : 2
- (a) Code Optimization
  - (b) Fix Errors

Answer any 5 questions out of the given 7 questions of 3 marks each. 3×5=15

31. Give two examples of each type of video, audio and picture file formats supported by Windows Movie Maker. 3
32. Is it possible to undo trim changes in a clip in Windows Movie Maker ? Explain the term contiguous clips. Name the two file formats in which a movie file is stored in Windows Movie Maker. 3
33. Explain any three attributes of object tag. 3
34. Give and explain any three applications of JavaScript. 3
35. Write a code in JavaScript that accepts a binary number from the user and displays its decimal equivalent number. 3
36. Explain the use of CSS. Also suggest two websites that offer free designs. 3
37. Write a code in JavaScript to accept five numbers from user, store them in an array, and display the sorted array. 3



Answer any 3 questions out of the given 5 questions of 5 marks each.

5×3=15

38. Explain the following terms : 5
- (a) MIDI
  - (b) Helper Applications
  - (c) MixPod
  - (d) Google Reader MP3 Player
  - (e) Free Video Coding
39. Give a brief note on the following file extensions : 5
- (a) .mid
  - (b) .snd
  - (c) .avi
  - (d) .cvs
  - (e) .psd
40. Write a code in JavaScript to accept a number from the user and generate 5
- (a) a random number greater than the number entered.
  - (b) next even number after the number entered.
41. Write a program in JavaScript to accept marks in three subjects, display the total marks obtained, the percentage, and the grade as per the norms given below : 5
- | Percentage           | Grade |
|----------------------|-------|
| $\geq 75$            | A     |
| $< 75$ and $\geq 60$ | B     |
| $< 60$ and $\geq 33$ | C     |
| $< 33$               | D     |



42. What may be the possible output of the following snippets :

1+2+2

(a) Predict the output of the following :

```
<html>
<body>
<script>

var fruits=["Apple", "mango"];
fruits[50]= "Orange";
document.write(fruits.length);
document.write("
 end of program");

</script> </body> </html>
```

(b) Rewrite the following using switch case statement :

```
if(a==1)
 document.write("Monday, Wednesday, Friday");
else if(a==2)
 document.write("Tuesday, Thursday, Saturday");
else
 document.write("Sunday");
```