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22519-2022-Summer-question-paper[Msbte-study-resources]

Computer Engineering (Government Polytechnic, Nagpur)

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22519

21222

3 Hours / 70 Marks Seat No. | | | | | | | | |

15 minutes extra for each hour

Instructions : (1) All Questions are *compulsory.*

(2) Answer each next main Question on a new page.

(3) Illustrate your answers with neat sketches wherever necessary.

(4) Figures to the right indicate full marks.

(5) Assume suitable data, if necessary.

(6) Mobile Phone, Pager and any other Electronic Communication devices are not permissible in Examination Hall.

Marks

1. Attempt any FIVE of the following : **10**

(a) State the features of Javascript.

(b) Differentiate between bession cookies and persistent cookies.

(c) Write a javascript program to check whether entered number is prime or not.

(d) Explain following form events :

(i) onmouseup

(ii) onblur

(e) Write a javascript program to changing the contents of a window.

(f) Explain frame works of javascript and its application.

(g) Write a javascript syntax to accessing elements of another child window.

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2. Attempt any THREE of the following : **12**

(a) Write a javascript program to validate user accounts for multiple set of user ID and password (using swith case statement).

(b) Differentiate between concat() and join() methods of array object.

(c) Write a javascript program to demonstrate java intrinsic function.

(d) Design a webpage that displays a form that contains an input for user name and password. User is prompted to enter the input user name and password and password become value of the cookies. Write the javascript function for storing the cookies.

3. Attempt any THREE of the following : **12**

(a) Write a javascript program to create read, update and delete cookies.

(b) Write a javascript program to link banner advertisements to different URLs.

(c) Write a javascript program to calculate add, sub, multiplication and division of two number (input from user). Form should contain two text boxes to input numbers of four buttons for addition, subtraction, multiplication and division.

(d) State what is regular expression. Explain its meaning with the help of a suitable example.

4. Attempt any THREE of the following : **12**

(a) Differentiate between For-loop and For-in loop.

(b) Write a javascript function that accepts a string as a parameter and find the length of the string.

(c) Write a javascript program to validate email ID of the user using regular expression.

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(d) Write a javascript program to design HTML page with books information in tabular format, use rollovers to display the discount information.

(e) List ways of protecting your webpage and describe any one of them.

5. Attempt any TWO of the following : **12**

(a) Write a javascript to checks whether a passed string is palindrome or not.

(b) Develop javascript to convert the given character to unicode and vice-versa.

(c) Write a javascript program to create a silde show with the group of six images, also simulate the next and previous transition between slides in your javascript.

6. Attempt any TWO of the following : **12**

(a) Write a javascript to open a new window and the new window is having two frames. One frame containing buthon as “click here !”, and after clicking this button an image should open in the second frame of that child window.

(b) Write a javascript to create option list containing list of images and then display images in new window as per selection.

(c) Write a javascript function to generate Fibonacci series till user defined limit.

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