

Practical – 2

Question – 2

2. Write the HTML code to display the following output.

CLASS – X
SUBJECT- BASIC MATHEMATICS (241)
SAMPLE QUESTION PAPER (2023-24)
TIME ALLOWED: 3 HRS **MAXIMUM MARKS: 80**

General Instructions:

1. This Question Paper has 5 Sections A, B, C, D, and E.
2. Section A has 20 Multiple Choice Questions (MCQs) carrying 1 mark each.
3. Section B has 5 Short Answer-I (SA-I) type questions carrying 2 marks each.
4. Section C has 6 Short Answer-II (SA-II) type questions carrying 3 marks each.
5. Section D has 4 Long Answer (LA) type questions carrying 5 marks each.
6. Section E has 3 sourced based/Case Based/passage based/integrated units of assessment (4 marks each) with sub-parts of the values of 1, 1 and 2 marks each respectively.
7. All Questions are compulsory. However, an internal choice in 2 Qs of 2 marks, 2 Qs of 3 marks and 2 Questions of 5 marks has been provided. An internal choice has been provided in the 2 marks questions of Section E.
8. Draw neat figures wherever required. Take $\pi = 22/7$ wherever required if not stated.

SECTION A

1. If two positive integers a and b are written as $a = x^3y^2$ and $b = xy^3$; x, y are prime numbers, then HCF (a,b) is:
a) xy b) xy^2 c) x^3y^3 d) x^2y^2
2. The LCM of smallest two-digit composite number and smallest composite number is:
a) 12 b) 4 c) 20 d) 44

HTML Code

```
<!-- Html to print demo question paper -->
<!DOCTYPE html>
<html lang="en">
```

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Demo Question Paper</title>
</head>
```

```
<body>
  <center>
    <h3>Class-X<br>
    SUBJECT-BASICMATHEMATICS(241) <br>
    SAMPLE QUESTION PAPER(2023-2024)</h3>
  </center>
```

```
<h3 style="text-align-last : right">MAXIMUM MARKS : 80</h3>
<h3 style="text-align-last : left">TIME ALLOWED : 3 HRS</h3>
<br>
```

```
<b><u>General Instructions :</u></b><br>
```

1. This Question Paper Has 5 Sections A,B,C,D and E.

2. Section A has 20 Multiple Choice Questions(MCQ) Carrying 1 Mark Each.

3. Section B has 5 short answers-I (SA-1) type questions carrying 2 marks each.

4. Section C has 6 short answers-II (SA-II) type questions carrying 3 marks each.

5. Section D has 4 long answers (LA) type questions carrying 5 marks each.

6. Section E has 3 sourced based/case based/ passed based/integrated units of assessment (4 marks each) with sub-parts of the values of 1,1 and 2 marks each respectively.

7. All questions are compulsory. However, an internal choice in 2 Qs of 2 marks, 2 Qs of 3 marks and 2 questions of 5 marks has been provided. An internal choice has been provided in the 2 marks question of Section E.

8. Draw neat figures wherever required. Take $\pi=22/7$ wherever required if not stated.


```
<center>
  <h4><u>SECTION A</u></h4>
</center>
```

```
<p>
```

1. If two positive integers a and b are written as $a = x^3y^2$ and $b = xy^3$; x,y are prime numbers, then HCF(a,b) is :

```
<pre>
```

a) xy b) xy^2 c) x^3y^3
d) x^2y^2

</pre>

</p>

<p>

2. The LCM of smallest two-digit composite number and smallest composite number is:

<pre>

a) 12 b) 4 c) 20 d) 44

</pre>

</p>

</body>

</html>

Output

Class-X
SUBJECT-BASIC MATHEMATICS(241)
SAMPLE QUESTION PAPER(2023-2024)

MAXIMUM MARKS : 80

TIME ALLOWED : 3 HRS

General Instructions :

1. This Question Paper Has 5 Sections A,B,C,D and E.
2. Section A has 20 Multiple Choice Questions(MCQ) Carrying 1 Mark Each.
3. Section B has 5 short answers-I (SA-I) type questions carrying 2 marks each.
4. Section C has 6 short answers-II (SA-II) type questions carrying 3 marks each.
5. Section D has 4 long answers (LA) type questions carrying 5 marks each.
6. Section E has 3 sourced based/case based/ passed based/integrated units of assessment (4 marks each) with sub-parts of the values of 1,1 and 2 marks each respectively.
7. All questions are compulsory. However, an internal choice in 2 Qs of 2 marks, 2 Qs of 3 marks and 2 questions of 5 marks has been provided. An internal choice has been provided in the 2 marks question of Section E.
8. Draw neat figures wherever required. Take $\pi=22/7$ wherever required if not stated.

SECTION A

1. If two positive integers a and b are written as $a=x^3y^2$ and $b=xy^3$; x,y are prime numbers, then HCF(a,b) is :
a) xy b) xy^2 c) x^3y^3 d) x^2y^2
2. The LCM of smallest two-digit composite number and smallest composite number is:
a) 12 b) 4 c) 20 d) 44