

**SET-4****Series %BAB%****Q.P. Code 327**

Roll No.

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

- Please check that this question paper contains 4 printed pages.
- Q.P. Code 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 **25** 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***Time allowed : $1\frac{1}{2}$ hours**Maximum Marks : 30*



General Instructions :

1. Please read the instructions carefully.
2. This question paper is divided into **3** sections, viz., **Section A**, **Section B** and **Section C**.
3. **Section A** is of **5** marks and has **6** questions on **Employability Skills**.
 - (a) Question numbers **1** to **4** are **one** mark questions. Attempt any **three** questions.
 - (b) Question numbers **5** and **6** are **two** marks questions. Attempt any **one** question.
4. **Section B** is of **17** marks and has **16** questions on **Subject Specific Skills**.
 - (a) Question numbers **7** to **13** are **one** mark questions. Attempt any **five** questions.
 - (b) Question numbers **14** to **18** are **two** marks questions. Attempt any **three** questions.
 - (c) Question numbers **19** to **22** are **three** marks questions. Attempt any **two** questions.
5. **Section C** is of **8** marks and has **3** **Competency-Based Questions**.
 - (a) Question numbers **23** to **25** are **four** marks questions. Attempt any **two** questions.
6. Do as per the instructions given in the respective sections.
7. Marks allotted are mentioned against each section/question.

SECTION A (Employability Skills)

(3+2=5 marks)

Answer any **3** questions out of the given **4** questions.

3×1=3

1. Explain the term Startup w.r.t. entrepreneurship. 1
2. _____ is the ability to continue to do something, even when it is difficult. 1
3. Identify green workers from the following : 1
A truck driver of diesel fuel truck, An electrician who installs solar panel,
A worker working in a plastic factory.
4. A _____ worker is one who is employed in the environmental sectors of the economy. 1

Answer any **1** question out of the given **2** questions.

1×2=2

5. Explain any two attitudes of an entrepreneur. 2
6. Write any two measures we can take to protect our environment. 2



SECTION B
(Subject Specific Skills)

(5+6+6=17 marks)

Answer any 5 questions out of the given 7 questions.

5×1=5

7. Write the output of the following code : 1
Nan + 5
8. Write a statement in JavaScript to declare a variable 'Sum' and initialize it with 10. 1
9. How many times will the following loop run ? 1
for (var i = 0; i <= 5; i ++)
{
.....
}
10. Write the examples of any two logical operators you know. 1
11. What is IntelliSense ? 1
12. Expand the term IIS. 1
13. Information collected through web based forms can be stored in a _____ with appropriate fields for every entry in the form. 1

Answer any 3 questions out of the given 5 questions.

3×2=6

14. Write any two ways to convert a string to number in JavaScript. 2
15. Write a command to declare an array 'AR'. Explain any one property of an array. 2
16. What do you understand by properties and methods of an object ? 2
17. Write any two points about Snippets. 2
18. What do you mean by structure of a website ? Explain any one use of it. 2

Answer any 2 questions out of the given 4 questions.

2×3=6

19. Write a function in JavaScript that accepts two integer variables and returns their sum. 3
20. Explain the term inner function in JavaScript with an example. 3



21. Explain the use of reverse method in JavaScript. Write a function 'Revrs' in JavaScript to explain reverse the order of elements in a given array. 3
22. Rakshit has created a website and his friend has suggested to him to go for a free hosting server as Rahul is still learning to create a website.
Give the requirement to host a website with one's own server.
Web hosting providers allow other methods which you can use to upload website. Name any one of the methods. 3

SECTION C
(Competency-Based Questions) (2×4=8 marks)

Answer any 2 questions out of the given 3 questions. 2×4=8

23. Write a program in JavaScript that accepts three numbers from the user and displays the average value. 4
24. Predict the output of the following : 4
- ```
<html>
<body>
<script>
var str="Honesty is the best policy";
document.write(str.match("policy")+"
");
document.write(str.match("Police")+"
");
document.write(str.match("pollicy")+"
");
document.write(str.match("policy")+"
");
</script>
</body>
</html>
```
25. Kretika is learning to create a multimedia website. Give answers of the following to help her to gain knowledge before designing and developing the website : 4
- (i) Give any one Internet browser that supports multimedia.
  - (ii) What are raster graphics ? Give an example.
  - (iii) Identify the type of file from the following :  
.au, .mpg