

Cybrom Technology Pvt.Ltd

Advance Python Exam_Paper-II

SET-A

Total Marks: 50

Note: Attempt any two.

1. What is lambda function? Explain with example. 05
2. What is decorator? Why it is required. Explain with an example. 05
3. What is generator? Explain yield and next with an example. 05

Note: All questions are compulsory.

4. Find square of given list by using map function. (my_list = [2,4,6,8,10,12,14,16]) 10
5. Find all prime no in given list through filter function. (my_list =[1,2,3,4,5,6,7,8,9,10]) 10
6. Write a program to find largest number against given list through reduce function.(my_list=[10,5,25,30,25,65,35,40,50,45]) 10
7. Create a Shoping_cart with below mention functionality: (Using class) 10
 - a. add_item()
 - b. show_item()
 - c. total_price()
 - d. remove_item()
 - e. clear_cart()

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Advance Python Exam_Paper-II

SET-B

Total Marks: 50

Note: Attempt any two.

1. What is lambda function? Explain with example. 05
2. What is decorator? Why it is required. Explain with an example. 05
3. What is generator? Explain yield and next with an example. 05

Note: All questions are compulsory.

4. Find power of given list by using map function. (my_list = [2,4,6,8,10,12,14,16]) 10
5. Find all even no in given list through filter function. (my_list =[1,2,3,4,5,6,7,8,9,10]) 10
6. Write a program to find smallest number against given list through reduce function.(my_list=[10,5,25,30,25,65,35,40,50,45]) 10
7. Create a Shoping_cart with below mention functionality: (Using class) 10
 - a. add_item()
 - b. show_item()
 - c. total_price()
 - d. remove_item()
 - e. clear_cart()

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Advance Python Exam_Paper-II

SET-C

Total Marks: 50

Note: Attempt any two.

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| 1. What is lambda function? Explain with example. | 05 |
| 2. What is decorator? Why it is required. Explain with an example. | 05 |
| 3. What is generator? Explain yield and next with an example. | 05 |

Note: All questions are compulsory.

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|---|----|
| 4. Write a program to add 5 in each object of given list by using map function.
(my_list = [2,4,6,8,10,12,14,16]) | 10 |
| 5. Find all odd no in given list through filter function. (my_list =[1,2,3,4,5,6,7,8,9,10]) | 10 |
| 6. Write a program to find sum off all objects against given list through reduce
function.(my_list=[10,5,25,30,25,65,35,40,50,45]) | 10 |
| 7. Create a Shoping_cart with below mention functionality: (Using class) | 10 |
| a. add_item() | |
| b. show_item() | |
| c. total_price() | |
| d. remove_item() | |
| e. clear_cart() | |