

D 72029

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Name.....

Reg. No.....

FIFTH SEMESTER B.VOC. DEGREE EXAMINATION, NOVEMBER 2019

(CUCBCSS—UG)

B.Voc. Software Development

SDC 5IT 17—.NET AND DATABASE ADMINISTRATION

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 1 mark.

1. MSIL stands for _____.
 - (a) Microsoft Information Language.
 - (b) Most Intermediate Language.
 - (c) Microsoft Intermediate Language.
 - (d) None of these.
2. Visual studio .Net provides which feature :
 - (a) Debugging.
 - (b) Application deployment.
 - (c) Syntax checking.
 - (d) All of the above.
3. _____ is .Net framework's runtime environment.
4. ADO.Net implements connection Oriented data access through _____.
5. SGA stands for _____.
 - (a) Software Global Area.
 - (b) System Global Area.
 - (c) Software Grid Array.
 - (d) System Grid Array.
6. RMAN means _____.
7. A class that cannot be inherited is a _____ class.
8. An Exception is another name for a _____.
 - (a) Compile error.
 - (b) Logic error.
 - (c) Runtime error.
 - (d) Superficial error.
 - (e) Syntax error.

Turn over

9. _____ is an essential part of any back up system.
- (a) Filter. (b) Recovery.
- (c) Security. (d) Scalability.
10. ASM uses _____ feature to simplify database file management.

(10 × 1 = 10 marks)

Part B

*Answer any **eight** questions.
Each question carries 2 marks.*

11. What is Flash back Technology?
12. What are the components of disk group ?
13. What is Method overloading ?
14. How to sort an array in C# ?
15. What are the namespaces used in C#.Net ?
16. What is meant by physical database structure ?
17. How back-up and recovery is done in Oracle ?
18. What are the difference between a Data Reader and a Dataset ?
19. What is Just In Time Compiler ?
20. What is managed Code ?
21. What is TableSpace ?
22. Why do we use static variables ?

(8 × 2 = 16 marks)

Part C

*Answer any **six** questions.
Each question carries 4 marks.*

23. Define Event Driven Programming.
24. Explain OOPS Concepts in C# ?
25. What are the different types of buttons in C# ?
26. Explain Oracle Database Architecture.

27. How to administer user security ?
28. Write a short note on managing memory ?
29. How a database can duplicate with RMAN ? Explain.
30. Explain ExecuteReader Method.
31. What is disconnected mechanism ?

(6 × 4 = 24 marks)

Part D

*Answer any **two** questions.
Each question carries 15 marks.*

32. Explain the architecture of .Net framework.
33. Explain exception handling with example. Create a bio-data using windows form control.
34. Write a note on Database Storage structures.
35. Implement date time picker with example.

(2 × 15 = 30 marks)