

OR
MS-ACCESS AND VISUAL BASIC
Code: 8832

1. Multiple copies of the same data is referred to as:
(A) data integrity (B) data inconsistency (C) data redundancy (D) data isolation
2. A primary key that consists of two or more attributes of a relation is called:
(A) sort key (B) candidate key (C) sub key (D) composite key
3. In E-R diagram, rectangle is used to represent:
(A) entity (B) attribute (C) primary key (D) relationship
4. In 2 NF, which form of dependency is removed:
(A) transitive dependency (B) partial dependency
(C) associative dependency (D) consistency dependency
5. The example of popular DBMS is:
(A) MS-Word (B) MS-Access (C) MS-Excel (D) MS-Power Point
6. The maximum length of text type field in MS-Access is:
(A) 50 characters (B) 250 characters (C) 155 characters (D) 255 characters
7. The icons on toolbox represents
(A) property (B) program load (C) label (D) V.B. controls
8. All are examples of controls except:
(A) label (B) text box (C) property (D) list box
9. Visual Basic has a(n):
(A) Assembler (B) Interpreter (C) Linker (D) Compiler
10. Forms & controls are collectively called:
(A) properties (B) methods (C) events (D) objects
11. To exit the window of Visual Basic press the following:
(A) Alt+F6 (B) Ctrl+F9 (C) Alt+F9 (D) Alt+F4
12. The naming pre-fix for label control is:
(A) lbe (B) lab (C) lbl (D) lbl
13. Which control is used to choose one item from the pre-defined list?
(A) text box (B) check box (C) list box (D) radio
14. The expression $20/3$ gives:
(A) 2 (B) 6.333 (C) 6 (D) 60
15. How many times the following loop will execute?
 for j=10 to 1 step-2
 Next
(A) 5 times (B) 10 times (C) 6 times (D) 4 times

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- 2 -

OR
VISUAL BASIC

12

3. Write short answers to any SIX questions:

- What is project window?
- Differentiate between project file and form file.
- State the purpose of name property of a control.
- Define focus.
- Write the use of KeyUp and KeyDown events.
- Show output of following code:

```
Dim x As Integer
```

```
Dim y As Integer
```

```
Dim z As Integer
```

```
x = 11
```

```
y = 23
```

```
z = x
```

```
x = y
```

```
y = z
```

```
Print "x=" & x
```

```
Print "y=" & x
```

- Explain the use of option explicit statement in Visual Basic.

- Find errors in the following code:

```
Dimm A As Integer
```

```
Dim B As Integer
```

```
A = 2 * 10
```

```
B = 3 * 5
```

```
Print A Mod B;
```

- Write output of the following code:

```
Const Length As Double = 12
```

```
Const Width As Double = 4
```

```
Dim Perimeter As Double
```

```
Perimeter = 2 * Length + 2 * Width
```

```
Print "The Perimeter of the rectangle is" & Perimeter
```

4. Write short answers to any SIX questions:

C Language

- When you must use curly braces { } with selection structure.

- Show output

```
int n = 1, m = 2;
```

```
if(n == m)
```

```
    printf("%d", n);
```

```
else
```

```
{
```

```
    if(n == m-1)
```

```
        printf("%d %d", n, m);
```

```
}
```

- Trace errors in the following code:

```
int n = 7;
```

```
if(n > 4 && < 10)
```

```
    printf(n is valid);
```

```
Else
```

```
    printf("n is invalid");
```

- Define infinite loop.

- What is the output of following code.

```
int n = 1;
```

```
while(n <= 10)
```

```
{
```

```
    if(n % 2 == 1)
```

```
        printf("%d", n);
```

```
    n++;
```

```
}
```

- Convert the following code into "for" loop.

```
int i = 1;
```

```
while (i <= 10)
```

```
{
```

```
    printf("%d", i);
```

```
    i = i + 2;
```

```
}
```

- Write the syntax for function declaration.

- What is function definition?

- What is the use of fopen() function?

(Contd...P/3)