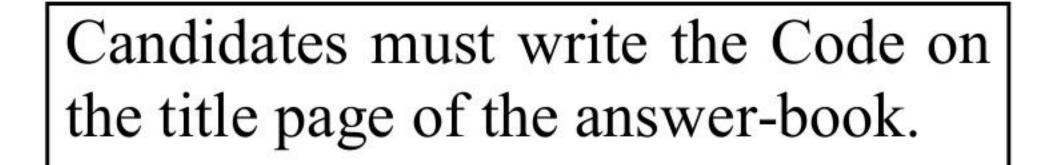
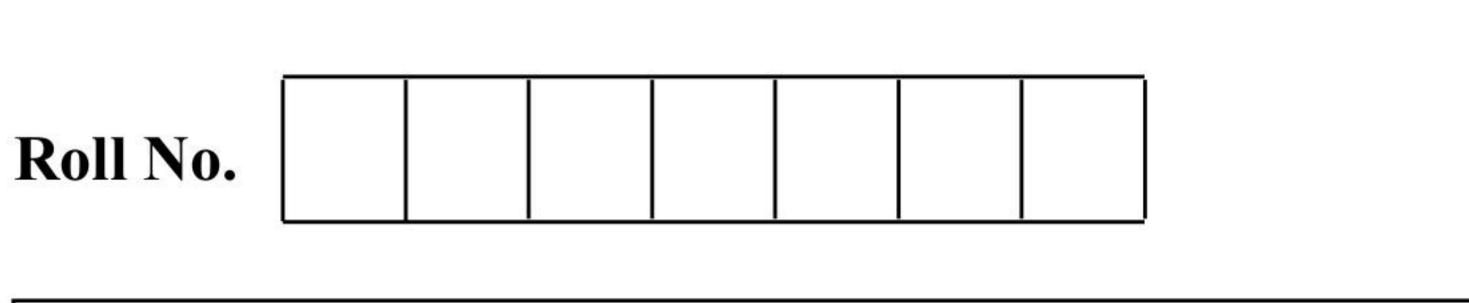
#### CBSE Class 12 Data Management Application Compartment Question Paper 2017 (July 17, Set 4-319)

### 319 Code No.





- Please check that this question paper contains 4 printed pages. •
- Code number 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 4 questions. •
- Please write down the Serial Number of the question before attempting it. •
- 15 minute time has been allotted to read this question paper. The question paper will be ۲ 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.

# DATABASE MANAGEMENT APPLICATIONS

Time allowed :  $2\frac{1}{2}$  hours

Series : GBM/C

Maximum marks : 50

# SECTION - Ast Stude

- Multiple Choice Questions (Choose the most appropriate options) :  $14 \times 1 = 14$ 1.
  - The feature that database allows to access only certain records in database is : **(i)** 
    - Forms (a) Reports (b) Tables Queries (c)(d)
  - You can add a row using SQL in a database with which of the following? (11)
    - add update (a) (b) make (c) insert (d)
  - Which of the following is the original purpose of SQL? (111)
    - To specify the syntax and semantics of SQL data definition language. (a)
    - To specify the syntax and semantics of SQL manipulation language. (b)

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- To define the data structures. (c)
- All of the above. (d)
- The concept of electronic cash is to execute payment by (iv) Credit Card (a)
  - ATM Card (b)
  - Using computers over network (c)
  - (d) Cheque

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[**P.T.O**.

- Which segment do eBay, Amazon.com belong? (V)
  - B2Bs B2Cs (a) (b)
  - C2Cs C2Bs (d)(c)
- Which of the following are advantages normally associated with B2B e-commerce? (vi)
  - Shorter cycle times Reduction in costs (b) (a)
  - Reaches wider audiences (d) All of the above (c)
- (vii) In Java byte, short, int and long, all of these are
  - unsigned (a) signed (b)both of the above none of these (d)(c)

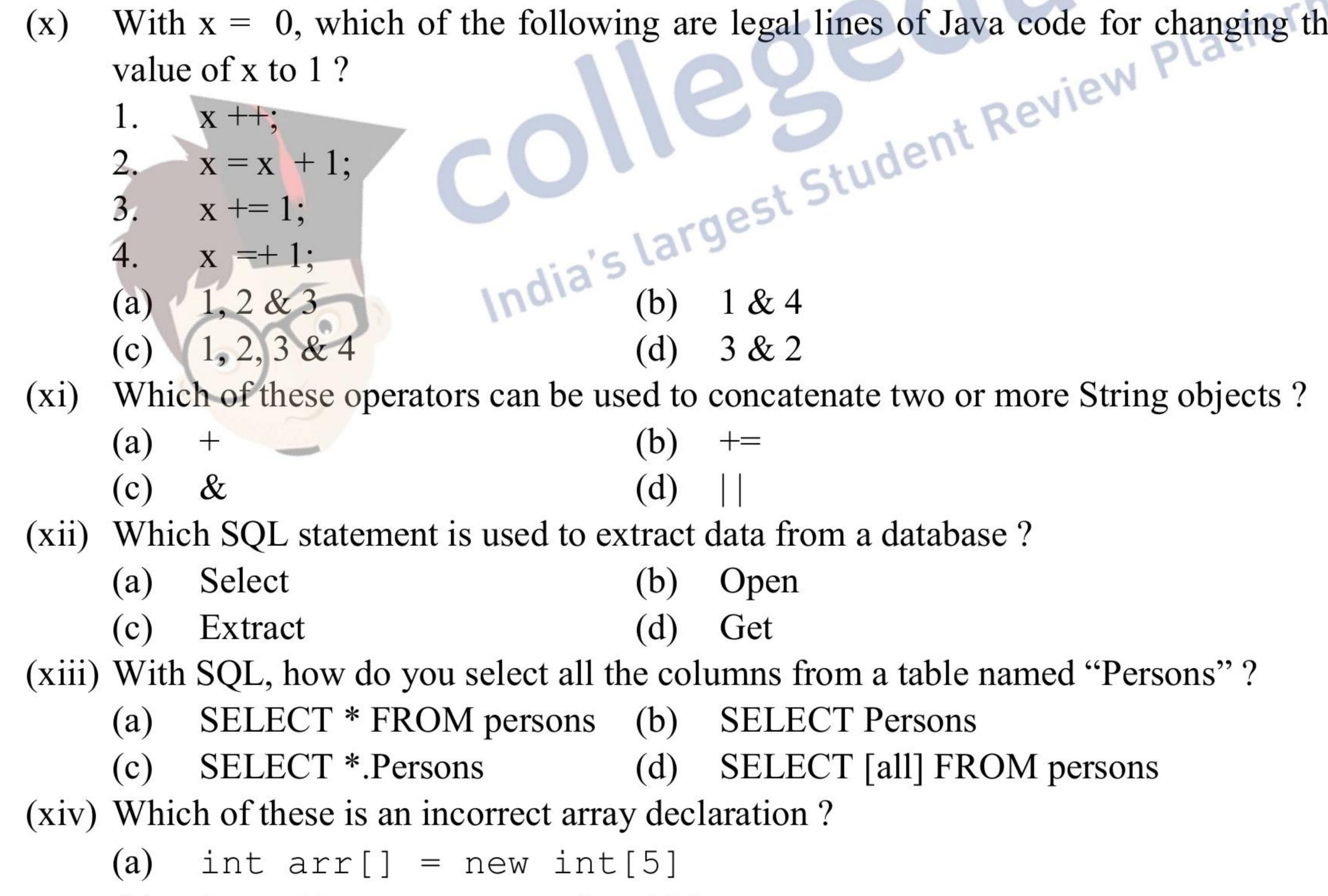
(viii) Automatic type conversion in Java takes place when

- Two type are compatible and size of destination type is shorter than source type. (a)
- Two type are compatible and size of destination type is equal of source type. (b)
- Two type are compatible and size of destination type is larger than source type. (c)
- All of the above (d)

x ++:

x = x + 1;

- What would be the output of the following fraction of code? (ix)
  - int Integer = 34 ; char string = 'S' ; System.out.print( Integer ) ; System.out.print( String ) ;
    - Throws exception 34 (a) (b)
    - 34 S (d)(c)S
- With x = 0, which of the following are legal lines of Java code for changing the (X) value of x to 1?



```
(b)
    int [] arr = new int [5]
(c)
    int arr[]
        arr = new int[5]
   int arr[] = int [5] new
(d)
                           2
```

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## **SECTION – B**

Very Short Answer Questions : (Attempt any seven Questions) : 2.

 $7 \times 2 = 14$ 

- Define DDL and DML. (a)
- Define Aggregate functions. (b)
- What is the default ordering of data using the ORDER BY clause ? How could it be (c) changed?
- Write any two major benefits of e-commerce. (d)
- What is e governance objective ? (e)
- Write any two advantages of e-reservation. (f)

```
Write the output of following code :
(g)
    class A
        public static void main(String args[])
    int x;
    x = 10;
    if(x == 10)
    int y = 20;
                                              y);
   System.out.print("x and y: "+ x + " " +
                                 + x + "e"nt+Review Platform
    y = x * 2;
      = 100;
    V
    System.out.print("x and y:
                            - Largest Stur
    y);
```

- What is meant by exception handling in java? (h)
- What are the desirable attributes of an employer? (i)

## **SECTION – C**

Short Answer Questions : (Attempt any four questions) 3.

$$4 \times 3 = 12$$

Consider the following table Pharma and answer the following questions : (a)

Table : Pharma

| RxID  | Drug<br>ID | Drug Name     | Price  | Pharmacy<br>Name | Pharmacy Location      |
|-------|------------|---------------|--------|------------------|------------------------|
| R1000 | 5476       | Amlodipine    | 100.00 | Rx<br>Pharmacy   | Pitampura, Delhi       |
| R1001 | 2345       | Paracetamol   | 15.00  | Raj Medicos      | Bahadurgarh, Haryana   |
| R1002 | 1236       | Nebistar      | 60.00  | MyChemist        | Rajouri Garden, Delhi  |
| R1003 | 6512       | VitaPlus      | 150.00 | MyChemist        | Gurgaon, Haryana       |
| R1004 | 5631       | Levocitrezine | 110.00 | RxPharmacy       | South Extension, Delhi |

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[**P.T.O**.



Write SQL commands :

- (i) To display all those medicines whose price is in the range 100 to 150.
- (ii) To display the Maximum price offered by pharmacy located in"Gurgaon".
- (iii) To display the Drug ID, DrugName and Pharmacy Name of all the records in descending order of their price.
- (b) On the basis of the Table Pharma given above, write the output(s) produced by executing the following queries :
  - (i) SELECT RxID, DrugName, Price from Pharma where PharmacyName IN("Rx Pharmacy", "Raj Medicos");
  - (ii) SELECT PharmacyName, COUNT(\*) FROM Pharma GROUP BY PHARMACY NAME;

(iii) SELECT DrugName from Pharma where DrugID = 5476;

- (c) Write any three measures to ensure that as an employee you are compatible with change and adapt easily to it.
- (d) Write any three applications where java is used.
- (e) Write the output of following code :
   class operation
   {
   int data=50;
   void change(int data)
   {
   data=data+100;
   }
   cudemt Review Platform
   }

```
public static void main(String args[])
{
    operation op=new operation();
    System.out.printIn("before change "+op.data);
    op.change(500);
    System.out.printIn("after change "+op.data);
  }
}
```

(f) What is the meaning of Work integrated learning ?

### SECTION – D

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4. Long Answer Questions : (Attempt any **two** questions) :

- $5 \times 2 = 10$
- (a) What are the challenges in implementing e-governance?
- (b) Write the solution of challenges faced by e-commerce.

(c) What are the benefits to students of Work Integrated Learning?

(d) What are the advantages of e-learning?

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