Retrieve the tname, sname, sphone for "ABC" school using SQL from given relation as below and display the output along with the SQL query.

Teacher (tid, tname, taddress, tqualification)

School (sid, sname, saddress, sphone)

School_Teacher (sid, tid, no_of_period)

*SQL Query:*

Create table teacher (

    tid INT PRIMARY KEY,

    tname  VARCHAR(30),

    taddress VARCHAR(30),

    tqualification VARCHAR(30)

);

Create table school (

    sid INT PRIMARY KEY,

    sname VARCHAR(30),

    saddress VARCHAR(30),

    sphone VARCHAR(30)

);

Create table school_teacher(

    sid INT,

    tid INT,

    no_of_period INT,

    FOREIGN KEY (sid) REFERENCES school (sid)

    FOREIGN KEY (tid) REFERENCES teacher (tid)

);

Insert into teacher (tid, tname, taddress, tqualification)

Values

(3001, "Ramesh Basnet", "Baneshwor", "M.Sc.CSIT"),

(3002, "Hari Dhungana", "Koteshwor", "B.Sc.CSIT"),

(3003, "Srijan Nepal", "Tripureshwor", "Ph.D.");

Insert into school (sid, sname, saddress, sphone)

Values

(2901, "ABC", "Gongabu",  014234498),

(2902, "MBMC", "Baneshwor",  014262728);

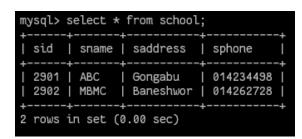Insert into school_teacher (sid, tid, no_of_period)

Values

(2901, 3001, 4),

(2901, 3003, 6),

(2902, 3002, 3);

***Table after Insertion of Data:***

```
mysql> select * from teacher;
+------+---------------+--------------+----------------+
| tid  | tname         | taddress     | tqualification |
+------+---------------+--------------+----------------+
| 3001 | Ramesh Basnet | Baneshwor    | M.Sc.CSIT      |
| 3002 | Hari Dhungana | Koteshwor    | B.Sc.CSIT      |
| 3003 | Srijan Nepal  | Tripureshwor | Ph.D.          |
+------+---------------+--------------+----------------+
3 rows in set (0.01 sec)
```
***Teacher Table***

```
mysql> select * from school_teacher;;
+------+------+--------------+
| sid  | tid  | no_of_period |
+------+------+--------------+
| 2901 | 3001 |            4 |
| 2901 | 3003 |            6 |
| 2902 | 3002 |            3 |
+------+------+--------------+
3 rows in set (0.01 sec)
```
***School Teacher Table***

```
mysql> select * from school;
+------+-------+-----------+-----------+
| sid  | sname | saddress  | sphone    |
+------+-------+-----------+-----------+
| 2901 | ABC   | Gongabu   | 014234498 |
| 2902 | MBMC  | Baneshwor | 014262728 |
+------+-------+-----------+-----------+
2 rows in set (0.00 sec)
```
***School Table***

**Retrieve of Data**

*SQL Query:*

Select t.tname, s.sname, s.sphone

From teacher as t

Join school_teacher as st on t.tid = st.tid

Join school as s on s.sid = st.sid

Where s.sname = "ABC";

*Table after Retrieving the data:*

Here, the table shows the teachers (tname) who work at the school named "ABC" (sname) along with the school's phone number (sphone).

```
mysql> select t.tname, s.sname, s.sphone
    → from teacher as t
    → join school_teacher as st on t.tid = st.tid
    → join school as s on s.sid = st.sid
    → where s.sname = "ABC";
+---------------+--------+-----------+
| tname         | sname  | sphone    |
+---------------+--------+-----------+
| Ramesh Basnet | ABC    | 014234498 |
| Srijan Nepal  | ABC    | 014234498 |
+---------------+--------+-----------+
2 rows in set (0.00 sec)

mysql>
mysql>
```