

DELHI PUBLIC SCHOOL

First Semester Examination (2016 – 17)

Subject: INFORMATICS PRACTICES

Class: 11th

Date: 30.09.2016

Max. Marks: 70

Marking Scheme

Ans.1:

- a) 1 mark for correct function of port
- b) ½ mark each for any two correct components of IDE
- c) 1 mark for correct definition
- d) 1 mark for correct function
- e) ½ mark each for stating correct medium.
- f) ½ mark each for any two correct examples of anti-virus software.
- g) 1 mark for stating CREEPER.
- h) 1 mark for correct definition/purpose of Firewall.
- i) 1 mark for definition and 1 mark for any one correct positive impact of cookie.
- j)
 - i. Digital Versatile Disc ---- 1 mark
 - ii. Basic Input Output System ---- 1 mark
- k) 1 mark each for any one correct point of differentiation

Ans.2:

- a) ½ mark each for any two correct Logical operators with symbol.
- b) Cardinality= 4 ---- ½ mark
Degree = 6 ---- ½ mark
- c) ½ mark for correct definition and ½ mark for correct syntax/example.
- d) SELECT * FROM TEMP WHERE Fee IS NULL; ---- 1 mark
- e) 1 mark each for any one correct point of differentiation with example.
- f) 1mark each for any one correct point of differentiation with example.
- g)
 - i) Vinamre ---- 1 mark
 - ii) Sameera
Seema
Aryan
Komal } 1 mark

Ans.3:

- a) CREATE TABLE Maharaja ½ mark
(Code CHAR(6),
M_Name VARCHAR(25),
DOB DATE,
capital INTEGER,
income DECIMAL(10,2)); } 1 ½ mark
- b) INSERT INTO T1 VALUES 1 mark
('M101', 'Pratap Singh', '1970-05-29', 25000000, 500000.00); 1 mark
- c)
 - i) SHOW DATABASES; 1 mark
 - ii) SELECT DATABASE(); 1 mark
 - iii) ALTER TABLE Maharaja 1 mark



ADDEmail_id VARCHAR(20); 1 mark
 iv) DROP TABLE Maharaja; 2 mark

d)

- i) SELECT DISTINCT(CITY) FROM WORKERS; 1 mark
- ii) SELECT * FROM WORKERS ½ mark
 WHERE FNAME LIKE 'S%'; ½ mark
- iii) SELECT FNAME, LNAME, ADDRESS FROM WORKERS ½ mark
 WHERE CITY='AGRA' AND JDATE<'2009-01-01'; ½ mark
- iv) SELECT * FROM WORKERS ½ mark
 WHERE CITY IN('NewYork','Boston'); ½ mark
 OR
 SELECT * FROM WORKERS ½ mark
 WHERE CITY ='NewYork' OR CITY='Boston'); ½ mark
- v) UPDATE WORKERS ½ mark
 SET SALARY=SALARY+2000 WHERE CITY='NewYork'; ½ mark
- vi) SELECT FNAME, LNAME, SALARY, SALARY*.02 AS 'COMMISSION' FROM WORKERS; 1 mark
- vii) SELECT FNAME FROM WORKERS ½ mark
 WHERE LNAME IS NULL; ½ mark
- viii) lcase(SUBSTR(Address,4,4))
 afor
 gar
 ipar
 vant
 jayp } 1 mark
- ix) 1 mark for the following output

Salary
25000
20000
45000
480000
100000
50000
45000
75000

x) 1 mark for the following output

W_IDs	Salary	Jdate
001	25000	08-01-19
002	20000	09-02-01

Ans.4:

- a) 1 mark each for correct point of differentiation
- b) 1 mark each for any two numeric function with explanation
- c)
 - i) SELECT UCASE(Designation) FROM DESIG 1 mark
 WHERE ADDRESS = 'Agra'; 1 mark
 - ii) SELECT ADDRESS, RIGHT(Designation,5) FROM DESIG 1 mark
 WHERE W_IDs=008; 1 mark

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- iii) SELECT INSTR(Address,'e') FROM DESIG 1 mark
WHERE YEAR(JDATE)='2001'; 1 mark
iv) SELECT W_IDS, SALARY FROM DESIG 1 mark
WHERE Designation LIKE 'Man%'; 1 mark
d)
i) SELECT 'Today, the date is ',CURDATE() ; 1 mark
ii) DELETE FROM EMPL; 1 mark
iii) SELECT LENGTH('Dhanpat#Rai#Co. '); 1 mark
iv) SELECT DAYNAME('1998-06-30'); 1 mark

Ans.5:

- i) Dravida##Kazgum## 1 mark
ii) 465464.3 1 mark
iii) PUTERS 1 mark
iv) 26 1 mark

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