

DELHI PUBLIC SCHOOL

First Semester Examination (2016 – 17)

Subject: INFORMATICS PRACTICES

Class: 11th

Date: 27.09.2016

Max. Marks: 70

Marking Scheme

Ans.1:

- a) 1 mark for correct function
- b) ½ mark each for any two correct examples of specific purpose Application Software
- 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 cyber-crime.
- g) 1 mark for stating TITA CENTRAL ACT NO. 21 OF 2000.
- h) Trojan horse/Trojan --- 1 mark
- i) 1 mark each for stating two correct measures.
- j)
 - i. Airthmatic and Logical Unit ----- 1 mark
 - ii. Memory Address Register ----- 1 mark
- k) 1 mark each correct point of differentiation

Ans.2:

- a) Row/ record, column/field ----- ½ each
- b) ½ mark each for naming any two RDBMS
- c) 1 mark for correct definition and 1 mark for correct example.
- d) 1 mark each for correct point of differentiation
- e) Cardinality= 5 ---- 1 mark
Degree = 6 ----- 1 mark
- f) 1 mark for correct use of update command and 1 mark for correct point of differentiation

Ans.3:

- a) CREATE TABLE T1 ½ mark
(ID CHAR(4),
 ENAME VARCHAR(20),
 DOJ DATE,
 SALARY INTEGER,
 COMMISION DECIMAL(7,2)); 1 ½ mark
- b) INSERT INTO T1 VALUES 1 mark
('A1001', 'ARYAN', '2014-03-12', 30000, 500.00); 1 mark

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c)

- i) CREATE DATABASE DPS; 1 mark
- ii) USE DPS; 1 mark
- iii) ALTER TABLE T1 1 mark
MODIFY ENAME VARCHAR(30); 1 mark
- iv) ALTER TABLE T1 1 mark
DROP COMMISION; 1 mark

d)

- i) SELECT * FROM DOC; 1 mark
- ii) SELECT DOCTORNAME, DEPT FROM DOC; 1 mark
- iii) SELECT DOCTORNAME FROM DOC ½ mark
WHERE DEPT='MEDICINE' AND EXP>10; ½ mark
- iv) SELECT DISTINCT(DEPT) FROM DOC; 1 mark
- v) SELECT FEE FROM DOC ½ mark
WHERE GENDER='F'; ½ mark
- vi) SELECT DOCTORNAME, DEPT FROM DOC ½ mark
WHERE GENDER='M' AND EXP IS NULL; ½ mark

vii) Fee
300
250
150
200
1 mark

viii) DoctorName
Priya
Shaishank
1 mark

ix) DoctorName Experience
Shaishank
Kamal 9
1 mark

x) Fee Exp
300 12
500
250 9
150 3
200
500 9
1 mark

Ans.4:

- a) 1 mark each for correct point of differentiation
- b) 1 mark each for any two string function with explanation

c)

- i) SELECT LOWER(DNAME) FROM DETAIL 1 mark
WHERE CITY = 'Delhi'; 1 mark
- ii) SELECT CITY, LEFT(DNAME,2) FROM DETAIL 1 mark
WHERE ManagerID=8882; 1 mark

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- iii) SELECT INSTR(DNAME,'E') 1 ½ mark
FROM DETAIL; ½ mark
iv) SELECT D_ID, CITY FROM DETAIL 1 mark
WHERE RIGHT(D_NAME,1)='S'; 1 mark

d)

- i) SELECT DAYNAME(CURDATE()); 1 mark
ii) SELECT INSTR('Informatics','form'); 1 mark
iii) SELECT LENGTH('Typography'); 1 mark
iv) SELECT DAYOFWEEK('1997-04-30'); 1 mark

Ans.5:

- i) 2016 1 mark
ii) 27 1 mark
iii) 15 1 mark
iv) 8 1 mark

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