

OPERATION RESEARCH

Duration:- 45 minutes

Marks:- 15

Q.1. Obtain optimal solution for the following transportation problem (5)

							supply
	5	3	7	3	8	5	3
	5	6	12	5	7	11	4
	2	1	2	4	8	2	2
	9	6	10	5	10	9	8
demand	3	3	6	2	1	2	

OR

					supply
	15	10	17	18	2
	16	13	12	13	6
	12	17	20	11	7
demand	3	3	4	5	15

Q.2. Obtain minimal assignment for the following (5)

12	30	21	15
18	33	9	31
44	25	24	21
23	30	28	14

Q.3. Find the sequence that minimises the total elapsed time required to complete the following jobs on three machines A, B and C in the order ABC. (5)

	I	II	III	IV	V
A	4	9	8	6	5
B	5	6	2	3	4
C	8	10	6	7	11

ANDROID PROGRAMMING

Duration:- 45 minutes

Marks:- 15

ANSWER THE FOLLOWING :-

1. Explain in brief the various useful Content Providers shipped by Android .
(2 mks)
2. Explain the difference between the dp unit and the px unit, in specifying the size of an element on an Android UI.
(2 mks)
3. Explain the two techniques to handle changes in screen orientation with an appropriate example.
(3 mks)
4. Explain the Table Layout with the required code in main.xml by considering an appropriate example.
(4 mks)
5. Explain the Predefined Query String Constants. Mention the code to retrieve the first contact from the Contacts. Also, mention the query for filtering and sorting of Contacts with an example.
(4 mks)

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B.C.A. (Semester V) Intra Semester Assessment (ISA)(test III), September 2017

WEB TECHNOLOGY

Duration: 45 minutes

Marks:15

1. Explain Principle of Security . (4 mks)
2. Explain the concept of Cryptography. (4 mks)
3. Difference between HTTP and HTTPS. (3 mks)
4. Difference between ID and Class in Css. (2 mks)
5. How to export and Import sql file in my sql. (2 mks)

HUMAN RESOURCE MANAGEMENT

Duration: 45 minutes

Marks:15

Q. 1) Explain the following:

- 1) Career Planning. (1 ½ mk)
- 2) Career Counselling (1 ½ mk)

Q. 2) What is on the Job Training? Explain its merits and demerits. (4 mks)

Q. 3) Answer the following:

- 1) What do you understand by retraining? (2 mks)
- 2) What is Apprenticeship training? (2 mks)

Q. 4) “Performance appraisal provides an objective basis for taking Personnel decision”. with reference to the statement explain objectives of performance appraisal. (4 mks)

SOFTWARE TESTING

Duration: 45 minutes

Marks:15

Q.1) Answer the following:-

- 1) Define Black box testing technique. (2 mks)
- 2) Define Integration testing technique. (2 mks)
- 3) What is sandwich Integration? (2 mks)
- 4) Explain compatibility testing. (3 mks)
- 5) Explain Domain testing. (3 mks)
- 6) Discuss Boundary value Analysis. (3 mks)
