

GVM's GGPR College of Commerce & Economics  
Farmagudi, Ponda – Goa

Intra Semester Assessment Test III

Semester V

September 2016

T.Y.B.C.A.

Operations Research

Marks: 15

Duration: 45 min

- 1) Solve the assignment problem represented by the matrix below for the minimum cost. (4)

	A	B	C	D	E
M <sub>1</sub>	4	6	10	5	4
M <sub>2</sub>	7	4	X	5	4
M <sub>3</sub>	X	6	9	6	2
M <sub>4</sub>	9	3	7	2	3

- 2) Find the sequence that minimises the total elapsed time required to complete the following tasks. (3)

Tasks	A	B	C	D	E	F
Time on machine -I	2	4	6	7	4	5
Time on machine -II	8	6	9	9	11	8

- 3) Solve the following game whose pay-off matrix is given by (3)

9	3	1	8	0
6	5	4	6	7
2	4	3	3	8
5	6	2	2	1

OR

- 4) Show that a 2 x 2 game has no saddle point if the highest and the second highest element lie along the diagonal. (3)

5) Use the notion of dominance to reduce the following game and hence solve it graphically. (5)

	I	II	III	IV
I	19	6	7	5
II	7	3	14	6
III	12	8	18	4
IV	8	7	13	-1

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	A	B	C	D	E	F
1	1	2	3	4	5	6
2	7	8	9	10	11	12
3	13	14	15	16	17	18
4	19	20	21	22	23	24

	A	B	C	D
1	1	2	3	4
2	5	6	7	8
3	9	10	11	12
4	13	14	15	16

OR

(A) Show that a 2 x 2 game has no saddle point if the highest and the second highest element are along the diagonal.

Goa Vidyaprasarak Mandal's  
Gopal Govind Poy Raiturcar College of Commerce & Economics  
Ponda Goa

SEMESTER V, ISA-III SEPTEMBER 2016

HUMAN RESOURCE MANAGEMENT

Marks: 15

Duration: 45 min

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Q.I. Explain the following :

(2x3)

- a) Career planning
- b) Counselling
- c) Induction

Q.II. Answer the following. (any three)

(3x3)

- 1) Explain the significance of a well- planned and well executed training programme.
- 2) What is performance appraisal? Explain any one modern method of performance appraisal.
- 3) State and explain any three objectives of interviews.
- 4) Explain the selection procedure followed by business organisations.

*All the best*

**G.V.M's G.G.P.R. COLLEGE OF COMMERCE & ECONOMICS  
FARMAGUDI, PONDA, GOA.**

**INTRA SEMESTER ASSESSMENT TEST-III  
SEMESTER V  
SEPTEMBER 2016**

**T.Y.B.C.A.  
ANDROID PROGRAMMING**

**MARKS:- 15**

**Duration:- 45 minutes**

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**ANSWER THE FOLLOWING :-**

1. State the four screen densities recognized and defined by the Android.  
(2 mks)
2. Mention the appropriate required code to register a Content Provider in the  
AndroidManifest.xml file. (2 mks)
3. Write the code query statement for Honeycomb and later version, to retrieve  
in ascending order all Contact Names ending with "Bee", from the Contacts  
Application. (3 mks)
4. Explain the various methods that can override to save an activity's state.  
Also, elaborate on the instances to use the various methods. (4 mks)
5. Explain the difference between the Relative Layout and the Absolute Layout.  
Also, mention the required code for the given Layouts with the appropriate  
examples. (4 mks)

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INTRA SEMESTER ASSESSMENT TEST -3 , September 2016

Subject : BCA 505 . Web Technology

Marks : 15

Semester : V

I. State true or False

(5x1=5)

1. Internal style sheets stored in .css files.
2. A css declaration always end with colon and declaration blocks by braces.
3. There are two different types of style sheets available in html.
4. Client side scripting Reduces client-side computation overhead.
5. The official name is ECMAScript is belongs to server side script.

II. Answer the following.

(2x2=4)

1. Explain about CSS rule set in detail.
2. Explain about grouping in detail with an example.

III. Answer the following.

(2x3=6)

1. Explain the concept, advantages and limitations of DOM.
2. Distinguish between client side script and server side script in detail.

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INTRA SEMESTER ASSESSMENT TEST -III

T.Y. B.C.A –SEM V September 2016

SOFTWARE TESTING

DURATION: 45 minutes

TOTAL MARKS: 15

**Q.1 Answer the following questions (5x2=10 marks)**

- 1) Define Static Testing. Mention advantages of static testing by humans.
- 2) Explain Path Coverage with an example.
- 3) What is White Box Testing? What are the challenges in White Box Testing?
- 4) Explain the term 'Structural Testing'. What is Code Coverage Testing?
- 5) Explain Unit/Code Functional Testing.

**Q.2 Answer the following questions (1x3=3 marks)**

- 1) Define Statement Coverage. Explain its Classification.

**Q.3 Answer the following questions (1x2=2 marks)**

- 1) Define Condition Coverage.
- 2) Define Function Coverage.