



# PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

## **NOTICE**

### **ATKT Internal Examination OCTOBER, 2023, BMS (SEM. VI)**

#### **INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS:**

1. Date of Submission of the Projects-, 06th November 2023. Timings 09:00am
2. Reporting time for students: at least 10 minutes before the mentioned time. Venue: Third floor staffroom.
3. Students have to be present in person for the submission.
4. Internal project topics are also uploaded on the college website.
5. Submission of projects or assignments to be done on proper A4 size paper, handwritten by the candidate himself only. The Front page should contain details of Roll no, Name of the student, Semester, Subject.
6. Print out of the questions uploaded should be attached along with the project. Students should also enclose a photocopy of the ATKT fee paid receipt along with each of his projects.
7. On the date of submission there will be a viva voce on the given questions/topics.
8. If the student fails to present himself on the given date and time he will be marked **ABSENT** for the said subject.
9. Any Submissions after the above mentioned date and time will not be accepted and entertained under any circumstances.
10. NOTE - Students who has paid ATKT fees for internal component but has not been allotted questions or has any query is requested to contact Mr. Nirav Tawadia on or before, 30th October 2023 by mailing on [nirav.t@dalmialionscollege.ac.in](mailto:nirav.t@dalmialionscollege.ac.in) and [bmsdept@dalmialionscollege.ac.in](mailto:bmsdept@dalmialionscollege.ac.in)

**Kindly follow the following schedule for your project submission and viva:**

SUBJECT	FACULTY
INTERNATIONAL FINANCE	Mr. Hitesh Sharma
OPERATIONS RESEARCH	C.A. Durgesh Kenkre
STRATEGIC FINANCIAL MANAGEMENT	Ms. Poonam Sharma
PROJECT MANAGEMENT	Ms. Poonam Sharma
INTERNATIONAL MARKETING	Mr. Nirav Tawadia

RETAIL MANAGEMENT	Mr. Nirav Tawadia
INDIRECT TAX	Mr. Rahul Yadav



**Prof. Durgesh Kenkre**  
Exam Convenor  
Date -



**Prof. Subhashini Naikar**  
Vice Principal, SFC



**Prof. (Dr.) D. N. Ganjewar**  
Principal

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## INTERNATIONAL FINANCE

### **NAYAK AUM VIVEK**

- 1) Define international finance and give the scope of international finance.
- 2) What do you mean by Balance of payment? List the accounting principles in Balance of payment.
- 3) Explain the Bretton woods system.
- 4) Write short notes on: i) Direct and indirect rates ii) Cross currency iii) Tax Havens e) Distinguish between FDI and FPI

### **GUPTA MANSAROVAR SARVESH**

- 1) What are the goals of international finance?
- 2) Explain the accounting principles in balance of payments.
- 3) Distinguish between fixed and flexible exchange rates system.
- 4) Write short notes on: ADR and GDR
- 5) What is the role of FEDAI in foreign exchange market.

## OPERATIONS RESEARCH

**LADDHA DEEP NITIN**

a) In a hospital, 4 patients need the services of a private room on a certain day. There are 5 rooms available to the patient. The room charges differ according to their location and services available inside the room and the class of the patient. How should the rooms be allotted so that the hospital earns maximum total room rent? Following table gives the room charges in rupees per day:

Rooms	patients			
	1	2	3	4
P	280	390	580	220
Q	450	550	630	400
R	380	390	820	530
S	730	420	400	450
T	580	350	570	560

b) Factories	markets					Avail.
	M1	M2	M3	M4	M5	
			(cost per unit Rs.)			
x	2	11	10	3	7	4
y	1	4	7	2	1	8
z	3	9	4	8	12	9
reqd.	3	3	4	5	6	

**Determine the initial feasible solution using LCM**

c) Construct the network diagram comprising activities B,C, ....., Q and N such that the following constraints are satisfied:  
 $B < E, F; C < G, L; E, G < H; L, H < I; L < M; H < N; H < J; I, J < P; P < Q$   
 The notation  $X < Y$  means that the activity X must be finished before Y can begin.

d) Distinguish between CPM and PERT

e) Solve the following linear programming problem using simplex method:

$$\begin{aligned} \text{Maximize } Z &= 10A+8B \\ \text{Subject to constraints: } & 6A+4B \leq 720 \\ & 2A+4B \leq 400 \\ & A, B \geq 0 \end{aligned}$$

## NAYAK AUM VIVEK

1) A cigarette manufacturing company has three factories in three different cities C1, C2 and C3. It sells its product in three different markets M1, M2 and M3. The cost of raw materials, labour and transportation costs differ along with the prices at which they are sold in different markets. The margin therefore varies from the place of manufacture and markets as follows:

	M1	M2	M3
C1	29	28	30
C2	25	27	23
C3	35	37	38

The availability in the cities are 2000 units each while the demand in the markets are 1500 units, 3000 units and 1500 units respectively. Find initial feasible solution by Vogel's Approximation Method and then use Modified Distribution method to find optimal solution.

2) Following is the information about cost of performing different jobs on different machines. Find the optimum assignment.

Machines	jobs		
	1	2	3
A	17	8	11
B	21	14	7
C	10	7	6
D	10	18	17

3) Solve the following linear programming problem using simplex method:

$$\begin{aligned} \text{Maximize } Z &= 45A+55B \\ \text{Subject to constraints: } & 6A+3B \leq 120 \\ & 4A+10B \leq 180 \\ & A, B \geq 0 \end{aligned}$$

4) A project has the following times schedule:

Activity	Times in weeks	Activity	Times in weeks
(1 – 2)	4	(5 – 7)	8
(1 – 3)	1	(6 – 8)	1
(2 – 4)	1	(7 – 8)	2
(3 – 4)	1	(8 – 9)	1
(3 – 5)	6	(8 – 10)	8
(4 – 9)	5	(9 – 10)	7
(5 – 6)	4		

Draw a critical path for the above.

## RAI SIMRAN ANAND

- 1) A city bus service has two bus depots where the buses are parked at night. Each morning the buses have to reach three different starting points. The distance (in kms) between the depot and the starting points is as follows:

Buses	Starting points			Availability
	A	B	C	
X	2	8	4	25
Y	3	7	3	10
Reqd.	15	8	12	

Find initial feasible solution by Least Cost Method and then use Modified Distribution method to find optimal solution.

- 2) In a hospital, 4 patients need the services of a private room on a certain day. There are 5 rooms available to the patient. The room charges differ according to their location and services available inside the room and the class of the patient. How should the rooms be allotted so that the hospital earns maximum total room rent?

Following table gives the room charges in rupees per day:

Rooms	patients			
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3) Solve the following using simplex method: Maximize  $Z = 4000a + 2000b + 5000c$   
 Subject to:  $12a + 7b + 9c \leq 1260$   
 $22a + 18b + 16c \leq 19008$   
 $2a + 4b + 3c \leq 396$   
 $a, b, c \geq 0$

4) The following details are available regarding a project:

Activity	Predecessor Activity	Duration (Weeks)
A	-	3
B	A	5
C	A	7
D	B	10
E	C	5
F	D,E	4

Draw the critical path

## BAGKAR RAVINDRA RAJAN

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(3 - 5)	6	(8 - 10)	8
(4 - 9)	5	(9 - 10)	7
(5 - 6)	4		

Draw a critical path for the above.

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**b) Factories**

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**Determine the initial feasible solution using LCM**

- 4) Distinguish between PERT & CPM

## STRATEGIC FINANCIAL MANAGEMENT

### NAYAK AUM VIVEK

1. What are the determinants of Dividend Policy?
2. Damodhar Ltd. has 10 lakh equity shares outstanding. Current market price of the shares is Rs.150 each. The board of directors of the company has recommended a dividend of Rs.8 per share. Rate of capitalization is 12%. How many shares are to be issued as per MM Model at the end of accounting year on the assumption that the net



income is Rs.2 Crore and the investment budget is Rs.4 Crore and the dividend is declared as recommended by the directors.

3. The following information is given for QB Ltd.

Earning per share Rs.12

Dividend per share Rs.3

Cost of capital 18%

Internal Rate of Return on investment 22%

Retention Ratio 40%

Calculate the market price per share using

(i) Gordon's formula

(ii) Walter's formula

### **HATE YASHICA KISHOR**

1. What is the procedure of payment of Final Dividend

2. RST Ltd. has a capital of Rs.10,00,000 in equity shares of Rs.100 each. The shares are currently quoted at par. The

company proposes to declare a dividend of Rs.10 per share at the end of the current financial year. The capitalization rate

for the risk class of which the company belongs is 12%. What will be the market price of the share at the end of the year,

if

(i) a dividend is not declared?

(ii) a dividend is declared ?

(iii) assuming that the company pays the dividend and has net profits of Rs.5,00,000

and makes new investments of

Rs.10,00,000 during the period, how many new shares must be issued? Use the MM model.

3. The earnings per share of a company is Rs.10 and the rate of capitalisation applicable to it is 10%. The company has three options of paying dividend i.e.(i) 50% (ii)75% and (iii)100%. Calculate the market price of the share as per Walter's model if it can earn a return of (a) 15% (b) 10% and (c) 5% on its retained earnings.

## PROJECT MANAGEMENT

### DHOTRE AYUSH ASHISH

1. What do you Mean by Project Selection ? Explain its importance in details?
2. A company is considering two mutually exclusive projects. The Finance director consider that

the project with high Profitability Index should be chosen. Following are the Particulars of both the Projects.

Particulars	Project M (Rs.)	Project N (Rs.)
Cash Outflow	1,00,000	1,50,000
Cash Inflow		
Year-I	20,000	25,000
Year-II	25,000	35,000
Year-III	35,000	65,000
Year-IV	60,000	85,000
Year-V	85,000	1,05,000

Assume the company's rate of Return is 10%.

3. What is a Matrix Organization? Explain its Merits & Demerits.

## **BAGKAR RAVINDRA RAJAN**

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Year-III	35,000	65,000
Year-IV	60,000	85,000
Year-V	85,000	1,05,000

Assume the company's rate of Return is 10%.

3. What is Matrix Organization? Explain its Merits & Demerits.

## **INTERNATIONAL MARKETING**

### **LADDHA DEEP NITIN**

1. Discuss the process of international marketing?
2. What is meant by turnkey project? State it advantages
3. Explain briefly about the SAARC and its objectives
4. Distinguish between domestic and international marketing?

## RETAIL MANAGEMENT

### **LADDHA DEEP NITIN**

1. Explain the Scope of Retail Management.
2. Explain Multi Channel Retailing.
3. Explain Green Retailing.
4. The factors influencing Retail management are divided into how many types? Explain them.

## INDIRECT TAX

### **NAYAK AUM VIVEK**

1. A) Determine the Time of Supply in following cases where supply doesn't involve movement of goods.

Date of Invoice	Date on which goods are made available	Date of Payment
1-12-2021	15-12-2021	16-12-2021
15-12-2020	10-12-2020	14-12-2020

- B) Determine the Time of Supply in following independent cases.( Reserve charges)

Date of Invoice	Date of Receipt of Goods	Date of Payment
1-05-2021	7-05-2021	5-05-2021
13-06-2021	25-06-2021	30-06-2021

2. Determine the Time of service in following cases. ( Normal case)

Date of Provision of service	Date of Invoice	Date of Payment
1-05-2021	7-06-2021	5-06-2021
13-06-2021	25-06-2021	30-06-2021

16-12-2021	15-1-2022	17-1-2022
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3. Amar who is a manufacturing in thane provides the data for the financial year 2020-21. The details are as follows-

Intra state supplies Rs 125000

Intra state supplies (GST at NIL rates) Rs 305000

Intra state supplies which are wholly exempt Rs 346000

Value of inward supplies on which tax payable under RCM Rs 540000.

Explain whether Amar is eligible to opt for composition scheme in financial year 2021-22 and also calculate GST payable if not rate of GST 18%.

### HATE YASHICA KISHOR

- 1) A) Determine the Time of Supply in following cases where supply involves movement of goods.

Date of Invoice	Date on which goods are made available	Date of Payment
11-2-2022	15-2-2022	16-2-2022
15-10-2020	10-10-2020	14-10-2020

- B) Determine the Time of Supply in following independent cases.( Reserve charges)

Date of Invoice	Date of Receipt of Goods	Date of Payment
1-05-2021	7-05-2021	5-05-2021
13-06-2021	25-06-2021	30-06-2021

- 2) Determine the Time of service in following cases. ( Normal case)

Date of Provision of service	Date of Invoice	Date of Payment
11-05-2021	17-06-2021	15-06-2021
13-07-2021	25-07-2021	30-07-2021

26-12-2021	25-1-2022	27-1-2022
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3) Amar who is a manufacturing in thane provides the data for the financial year 2020-21. The details are as follows-

Intra state supplies Rs 225000

Intra state supplies (GST at 5% rates) Rs 350000

Intra state supplies which are wholly exempt Rs 460000

Value of inward supplies on which tax payable under RCM Rs 540000.

Explain whether Amar is eligible to opt for composition scheme in financial year 2021-22 and also calculate GST payable if not rate of GST 12%.

**CHUDAJI ASHLESHA SHRIDHAR**

1. Difference between direct and indirect tax.
2. Benefits of GST
3. Taxes subsumed and not subsumed under GST
4. Explain Composite and Mixed Supplies.

**BAGKAR RAVINDRA RAJAN**

1. How will you determine Value of Supply.
2. Who are the persons liable to register under Section 22 of the GST act.
3. What are the Procedure for Registration (Sec 25 of the Act).
4. Types of Returns and Provisions relating to filing of Returns.