PRAHLADRAI DALMIA LIONS COLLEGE OF COMMERCE & ECONOMICS

ISO 9001 : 2015 Certified

NOTICE

ATKT Internal Examination April, 2024, BMS (SEM. II)

INSTRUCTIONS FOR THE STUDENTS HAVING ATKT IN INTERNALS:

1. Date of Submission of the Projects-**06th April, 2024. Timing 09:00 am to 10.00 am.**
2. Reporting time for students: at least 10 minutes before the mentioned time.
3. **Venue:** Third floor staff room.
4. Students have to be present in person for the submission.
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 March 2024 by mailing on nirav.t@dalmialionscollege.ac.in and bmsdept@dalmialionscollege.ac.in

Kindly follow the following schedule to your project submission and viva:

SUBJECT	FACULTY
INDUSTRIAL LAW	Ms. Poonam Sharma (02)
BUSINESS MATHEMATICS	Mr. Hitesh Sharma (03)

Prof. Durgesh Kenkre
Exam Convenor
Date - 27th March 2024

Prof. Subhashini Naikar
Vice Principal, SFC

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

DI/N-STD/GEN/00

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INDUSTRIAL LAW

1059 - KAMLE HARSH

1. What is strike ?.What are the procedures for strike.?
2. What is the role of a trade union?
3. Explain the term retrenchment in detail.
4. What are the rights and liabilities of a registered trade union?
5.Explain the term factory. What are the procedures for registration of a factory?

1087 - PAL VINITA

1. What is strike? State when the strike is illegal ?
2.What are the conditions for retrenchment of workers under Industrial dispute Act?
3. What are the health measures under Factories Act 1948?
4.Write short note on Employees Deposit Linked Insurance
5. State and explain employees Pension scheme 1995 under employees provident Fund Act

BUSINESS MATHEMATICS

1061 - KHAN ARBAZ

1	Solve the linear equations using Cramer's Rule $2x+ y+2 z=5$, $3x-y - z=11$,$4x+7y +8z = 20$
2	Using Newton's backward difference interpolation formula find the polynomial f(x) whose graph passes through the points (0,5) (1,4) ,(2,6)
3	Find dy/dx where $y = (x^4+x-1)/(6x^4 -8)$.
4	Write down Minors and Cofactors of each element of the Matrix 0 1 2 1 4 6 3 5 5
5	Solve the Equation $\begin{vmatrix} 3 & 5 & 7 \\ 7 & 9 & 31 \\ 9 & 15 & 4X+1 \end{vmatrix} = 0$

1087 - PAL VINITA

1 .Explain Multiplication and Derivative rule of Derivable functions with example .

2.Explain Minors and Cofactors of 3 X 3 Matrix with suitable example.

3. Find f(1.5) using Newtons interpolation formula. (0,1) (1,0) (2,1) ,(3,10) ,(4,33)

4 .Explain Permutation and Combination with suitable example.

5. Explain all types of Annuity.

1090 - PASWAN SEJAL

1.Solve the linear equations using Cramer's Rule $x +y + z=0$, $2x +y +z=2$, $4x-y-3z = 20$

2. If A = 3 -1 find Matrix B such that A+B = 0.Define Triangular Matrix.

3 Write steps to find Inverse of Matrix using Ad joint Method with suitable example

4.Using Newton's backward difference interpolation formula find the polynomial f(x) whose graph passes through the points (0,5) (1,4) ,(2,6) (3, 12)
5.Explain the term Maxima and Minima in detail with suitable example