

**DEPARTMENT OF ECONOMICS
THE DELHI SCHOOL OF ECONOMICS**



HANDBOOK OF INFORMATION

**M .A. in Economics
2011-2012**

**UNIVERSITY OF DELHI
DELHI-110007**

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IMPORTANT INFORMATION

1. Please read the Handbook of Information carefully before filling the application form.
2. Incomplete Application forms will not be entertained.
3. The application forms for M.A./M.Phil./Ph.D. courses in Economics will be available from the office of the Department of Economics, Delhi School of Economics against **a demand draft of Rs. 500/- (for students belonging to General Category & non SC/ST Category) and Rs.300/- (for students belonging to SC/ST/PH category). The demand draft should be made from any nationalized bank drawn in favour of Registrar, University of Delhi, payable at Delhi from 16-May-2011 to 15-June-2011.**
4. Candidates seeking admission to the M.A./M.Phil. and Ph.D. courses must submit their completed registration form latest by **15th June 2011** to the Head, Department of Economics, Delhi School of Economics, University of Delhi, Delhi 110007. Applicants for the Ph.D. programme who do not require financial assistance have the option of not taking the entrance examination. They are required to submit a research proposal along with the application form by 15th June 2011.
5. After the deadline for receipt of application forms, application forms sent through Registered/ Speed Post or by any other means will not be accepted. Candidates are therefore advised to submit their application form at the earliest, instead of waiting for the last date.
6. **The Entrance Test for M.A., M.Phil. and Ph.D. courses will be held on Saturday, 25th June 2011 at the Delhi School of Economics. The test will be of 3 hours' duration, and will commence at 10 a.m.**

NOTE: In view of the large number of examinees, the candidates **MUST** reach the Delhi School of Economics at least **one hour** prior to the test, in order to know the Centre/Building allotted to them. The room allocation will be displayed at the Centre.

7. Refund of fees is not permissible in the case of those who are unable to appear in the test on the scheduled date and time.
8. Candidates must fill out and detach the admission ticket from the application form, and present it at the examination centre at 9.00 a.m. on **Saturday, 25th June 2011**. The photographs to be pasted on the application form and the admission ticket must be attested by a gazetted officer.

9. A short list of M.Phil. and Ph.D. candidates to be interviewed will be announced in the afternoon of **8th July, 2011**. The interviews will be held on **11th July 2011**.
10. The application form can also be downloaded from our website: <http://www.econdse.org>. The relevant procedure is given in detail in the website: click on the 'PROGRAMS' link and follow the instructions there. The hard copy of the downloaded application form should be sent **by post** to the department and this must be accompanied by a demand draft of Rs.500 for M.A., M.Phil. and Ph.D. For SC/ST/PH applicants, the relevant demand draft amount is Rs.300. The demand draft should be made from any nationalized bank and the draft should be prepared in favour of the Registrar, University of Delhi, and should be payable at Delhi.
11. Refer to the application number generated for any future correspondence

3. THE M.A. PROGRAMME

The Department offers a Master of Arts (M.A.) programme in Economics, which reflects new developments in the discipline. The curriculum has a strong theoretical and quantitative focus with all students being trained in the use of computers and statistical software that they find useful in their professional careers in academia, research institutions, government, and industry. The M.A. Programme is semester-based and includes a large number of elective courses which allows students to pursue their varied interests and diverse fields of specialization.

Course Structure

The M.A. in Economics is a two-year full-time programme, with each year comprising the summer and winter semesters. The academic calendar for the M.A. Economics programme for 2011-2012 is as follows:

Summer Semester

Summer Semester Teaching	18 th July – 28 th October
Preparatory Break	29 th October – 6 th November
Semester Examination	7 th November – 26 th November
Semester Recess	27 th November – 30 th November

Winter Semester

Winter Semester Teaching	1 st December – 29 th March
Winter Break	24 th December, 2011 – 6 th January, 2012
Preparatory Break	30 th March – 6 th April
Semester Examination	7 th April – 27 th April
Summer Vacation	1 st May – 15 th July

The programme of study consists of fifteen courses, of which six are compulsory core courses and nine are elective/optional courses. Every student is required to complete the programme within a span period of four years of their initial admission.

Courses are taken in the following sequence:

Semester I:	Microeconomic Theory (001) Introductory Mathematical Economics (002) Macroeconomic Theory (004)
Semester II:	Introductory Econometrics (003) Markets, Institutions and Economic Growth (005) Economic Development & Policy in India (006) One optional paper
Semester III:	Four optional papers

Semester IV:

Four optional papers

Each student is required to finalize his/her choice of the elective courses within two weeks of the start of each semester. From the list given below, the Department will announce the elective courses on offer at the beginning of each semester. The choice of elective courses in the semester will be limited to those announced by the department. Because of infrastructural requirements, the department may put a cap on the number of students in an elective course. A list of elective courses is given below with those which were offered during 2010--2011 marked in bold.

Elective courses are grouped into nine categories, including a “General” category.

1. Microeconomics

- 101 Mathematical Economics**
- 102 General Equilibrium Theory
- 103 Game Theory I**
- 104 Game Theory II**
- 105 Economics of Uncertainty**
- 106 Topics in Economic Theory**
- 107 Choice Theory
- 108 Social Choice Theory**
- 109 International Trade**

2. Macroeconomics

- 201 Income, Employment and Fluctuations
- 202 Dynamic Macroeconomics**
- 203 Open Economy Macroeconomics**
- 204 Monetary Theory and Policy
- 205 Topics in Macroeconomic Theory**
- 206 Empirical Macroeconomics

3. Economic History

- 301 India and the Early Modern International Economy
- 302 Labour Markets in Historical Perspective
- 303 International Financial System, 1850-1975
- 304 Indian Business and Entrepreneurial History
- 305 Industrial Organisation in Historical Perspective
- 306 Contemporary Issues in Historical Perspective
- 307 Topics in Economic and Social History, 1700-1975**

3. Econometric Methods and Applications

- 401 Econometric Methods**
- 402 Applied Multivariate Statistics
- 403 Time Series Analysis

- 404 Forecasting Methods and Applications
- 405 Applied Production Analysis
- 406 Applied Consumption Analysis
- 407 Structural Modelling for Policy Analysis**
- 408 Topics in Econometrics**

- 5. Finance: Theory, Institutions and Modelling
 - 501 Corporate Finance
 - 502 Financial Theory
 - 503 Financial Markets**
 - 504 Econometrics of Financial Markets

- 6. Public Policy: Theory and Institutions
 - 601 Public Economics I**
 - 602 Public Economics II**
 - 603 Environmental Economics**
 - 604 Law and Economics**
 - 605 Resource Economics
 - 606 Energy Economics
 - 607 Applied Welfare Economics
 - 608 Economics of Regulation**

- 7. Development Economics
 - 701 Population and Development**
 - 702 Economics of Education and Health
 - 703 Labour Economics
 - 704 Trade and Development
 - 705 Environment and Development**
 - 706 Macroeconomic Management in Developing Countries
 - 707 Topics in Development Economics**
 - 708 India in the World Economy
 - 709 Transport, Location and Infrastructure
 - 710 Comparative Development

- 8. Industrial and Agricultural Economics
 - 801 Industrial Organization**
 - 802 Industrial Economy of India
 - 803 Economic Theory of the Firm**
 - 804 Indian Agriculture: Incentives and Decision-making
 - 805 Indian Agriculture: Markets, Institutions and Technology
 - 806 Topics in Agricultural Economics

9. General

901 Ethics and Economics

902 Issues in Economic Systems and Institutions

903 Issues in the History of Economic Analysis

904 Economics of Discrimination

In addition to the elective courses listed above, a student may also opt for a Dissertation Course (Course 999) if announced by the department. This is a two-semester elective course which starts in the summer semester of the second year. Each of these courses, except the dissertation course, carries 100 marks. The dissertation course, which is the equivalent of two courses, carries 200 marks.

Examinations

Examinations, in all courses except the dissertation course, will be held semester wise and the medium of instruction is English. A student can appear for an exam only in the semester in which the examination for that course is announced by the department.

The examination for the dissertation course, comprising an evaluation by a board of examiners and a viva-voce, will be held only once a year, along with the examinations for the Winter-Semester of the second year.

Evaluation

In the case of all elective courses except the dissertation course, evaluation will be done by the instructor(s) in the concerned course with a provision for reevaluation of the final examination. Unless otherwise specified, the division of marks will be 30 marks for internal evaluation and 70 marks for a written final examination. Courses 003, 401 through 408 and 504 on econometric methods and applications will carry 50 marks for internal evaluation and 50 marks for the final written examination. Internal evaluation may be based on a combination of tests, exams, term-papers, lab assignments and class attendance and participation and the weights assigned to these components will be specified by the instructor at the beginning of the course. In all the courses, the internal assessment requirements begin from the first day of classes and these requirements must be met as scheduled by the instructor.

In the case of the Dissertation Course, 60 marks (out of the total of 200 marks) are reserved for *viva-voce* by a Board of Examiners, with the balance 140 marks for evaluation of the thesis.

Promotion and Span Period

The span period of the programme is four years from the date of (first) registration. The pass mark for each course is 40%. To be eligible for the award of the M.A. degree in Economics, a candidate must secure at least 40% marks in the aggregate of fifteen courses and must also obtain 40% in the aggregate of the six core courses. For promotion from the first year to the second year, a student must obtain a minimum of 40% marks in the aggregate in the six

compulsory courses. All these requirements must be completed in the span period. Candidates who qualify for the award of the degree shall be classified as follows:

First Division	60% or more marks in the aggregate
Second Division	50% or more marks in the aggregate but less than 60%
Third Division	40% or more marks in the aggregate but less than 50%

Reappearance in examinations

Prior to becoming eligible for the award of the degree, a student may re-appear in a course. Such re-appearance in the written examination in a course has to be as per the schedule announced by the department and must be completed not later than one year of first taking the examination. In this case, the internal evaluation marks previously obtained will be carried forward, and added to the marks obtained after re-appearance in the written examination.

A candidate must choose once only, the course/s of a semester, in which he/she would reappear at an examination. No candidate who has once chosen to reappear in certain courses of a semester will be allowed to reappear in the remaining courses of that semester at a later examination.

Note that a student will not be allowed to appear in any paper more than twice and all exams must be completed within the span period.

Applications, with prescribed fees, for re-valuation or re-checking of examination scripts will be entertained if made within 30 days of the declaration of the results.

Admission Rules and Procedures (for admission to M.A Economics, 2011-2012)

Students seeking admission to M.A Economics at the University of Delhi are required to first register themselves with the Department of Economics at the Delhi School of Economics, for appearing in the Entrance Examination. After being selected for the M.A. Economics Course, students may enroll themselves either in the Department of Economics at the Delhi School of Economics or in any of the colleges of the University of Delhi listed below:

Deshbandhu College
Hindu College
Indraprastha College*
Janki Devi Memorial College*
Kirori Mal College
Lady Shri Ram College*
Miranda House*
Ramjas College
Shri Ram College of Commerce
St. Stephen's College
Zakir Hussain College

Colleges marked * are for women students only.

Note that all lectures are delivered in the Department of Economics, Delhi School of Economics.

Registration Procedure

Eligible applicants are required to submit the attached registration form complete in all respects, along with attested copies of the following certificates:

- (i) High School / Higher Secondary / S.S.C. Examination for age verification.
- (ii) Mark-sheet of the last qualifying examination or, if that result is awaited, certificate from the institution to that effect.
- (iii) Certificate from a competent authority for those belonging to SC, ST, OBC or physically handicapped, wherever applicable.
- (iv) Entitlement card from the record officer if concession admissible to children/widows of officers/jawans of the armed forces killed/disabled in action is sought.

In addition, the applicant must attach two copies of a recent passport size photograph, duly attested, one each on the registration form and the admission ticket. The admission ticket is to be detached from the registration form and retained by the candidate for presentation at the time of the entrance test.

The completed registration form with copies of supporting documents, must reach **the Head, Department of Economics, Delhi School of Economics, University of Delhi, Delhi 110007 no later than June 15, 2011.**

The Entrance Exam will be held on Saturday, 25 June 2011 at 10:00 a.m. in the Delhi School of Economics. The applicant must report at 9:00 a.m. on the day of the exam at the examination centre and present the admission tickets for entry to the examination hall.

Eligibility Conditions

A. Students from Indian Universities (General Category)

- (i) B.A. (Hons.) Economics of the University of Delhi with 50% or more marks in the aggregate.
- (ii) B.A. (Hons.) / B.Sc. (Hons.) Economics of any other Indian University recognized by the University of Delhi with 50% or more marks in the aggregate. In the case of Universities where the B.A./B.Sc. (Hons.) Economics degree includes courses other than Economics, the course shall be treated as an Honours course only if it contains at least 55% marks of the total marks in respect of papers in economics.

- (iii) First Class with 60% or more marks in Graduate/Post-graduate degree in any other subject from the University of Delhi or any Indian University recognized by the University of Delhi.

B. Students from Foreign Universities

Indian nationals holding a degree from non-Indian Universities, as well as all foreign nationals have the option of seeking admission to M.A Economics either by taking the department's Entrance Examination or by seeking admission on individual basis by submitting their GRE Scores along with recommendations from two academic referees. Those who choose to take the entrance test must apply to the Head of the Department on the prescribed form by the due date. In other cases, complete application with GRE scores and recommendations from academic referees must reach the Head of the Department by 15th June 2011. No matter which option they choose, all foreign nationals must route their applications through:

Foreign Students Advisor
Foreign Students Registry
Faculty of Management Studies
University of Delhi
Delhi 110007

N.B. Foreign nationals with Indian degrees and Indian nationals with degrees from foreign universities should ideally appear for the entrance test. In case it is not feasible for a candidate to appear for the test she/he should follow the procedure laid down in B above.

- Notes:
1. Permission to appear in the Entrance Exam does not in any way commit the University to recognize a candidate's eligibility for admission. The eligibility will be decided as per procedures prescribed by the University in this regard.
 2. Candidates seeking admission to the course on the basis of a Bachelor's degree should have passed the Bachelor's degree examination under the 10+2+3 or 11+2+2 or 10+2+2+1 pattern of education.
 3. A candidate whose result of the last qualifying examination is awaited will be allowed to appear in the Entrance Exam on submitting a certificate from the institution to that effect. In case the candidate is admitted to the course on provisional basis, the admission will be cancelled if the result is not communicated by 31 August or if the candidate fails to meet the minimum eligibility criteria on the basis of his/ her result.

Scheduled Castes and Scheduled Tribes Candidates

Candidates belonging to Scheduled Castes/Scheduled Tribes and seeking admission to post-graduate courses will also be required to get their names registered along with other candidates and appear for the Entrance Exam to be held on 25th June 2011.

An extract from A.C Resolution dated 14-6-1983 regarding reservation of seats for SC/ST candidates is given below:

1. 15% of the seats for Scheduled Castes and 7.5% for Scheduled Tribes (inter-changeable) be reserved in all under-graduate courses.

No seats be reserved for Scheduled Castes in a Post-Graduate course where the numbers of seats is less than 7. Where number of seats is more than 7 and less than 15, 15% of seats be reserved for Scheduled Caste candidates (if no Scheduled Caste candidate is available, the seat would go to a Scheduled Tribe candidate, if available). Where the number of seats exceeds 15 reservations @ 15% and 7.5% for Scheduled Castes and Scheduled Tribes candidates (inter-changeable) be made respectively.

2. For reserved category of Scheduled Castes/Scheduled Tribes the minimum eligibility for admission to Post-Graduate courses be the **minimum pass marks of the qualifying examination concerned of the University of Delhi**. In the case of Scheduled Castes/Scheduled Tribes candidates who had passed the last qualifying examination from other Universities, they should have secured at least the same percentage of pass marks at the qualifying examination as prescribed for the equivalent examination of the Delhi University for purpose of admission to the post-graduate courses of this University.
3. Where the admission is based on screening/written test, both for under-graduate and post-graduate courses, the Scheduled Castes/ Scheduled Tribes Candidates would also be required to take the same but their merit list be drawn separately and operated as per the reservation quota.
4. If the requisite numbers of Scheduled Caste / Scheduled Tribe candidates are not available by the last date fixed by the University for Admission to each course, the remaining seats be de-reserved and filled from general category

Admission for Physically Handicapped Students:

Following the recommendations of the Academic Council, made at its meeting held on 1.3.2001, it was resolved that there would be Reservation for Physically Handicapped for admission to various courses in the University. An extract from the A.C. Resolution is reproduced below:

- i. Section 39 of the "Persons with Disabilities Act 1995" be implemented in all courses of the Delhi University including technical courses, with immediate effect, and that the implementation be strictly monitored.
- ii. The policy of reservation of 3% of seats for the physically handicapped be implemented college-wise for undergraduate courses and Department wise for post-graduate courses.

- iii. Physically handicapped candidates who secure admission on merit in the general category should not be counted in the 3% quota.
- iv. Relaxation of 5% marks may be given in minimum eligibility conditions.
- v. In case of a course where admission is by entrance exam. 5% concession may be granted in the minimum eligibility condition for application to the test and separate merit list may be drawn for the students for the purpose of 3% reservation.

Eligibility under this category will be decided by the University as per guidelines framed for this purpose.

Admission under Armed Forces Category

Reservation of seats for the Children/Widows/Wives of the officers and men of the Armed Forces including Para-military personnel killed or disabled in action in Wars after 1947 and Wards of Ex-servicemen personnel and serving personnel of the Defence/Armed Forces and all Police Forces who are in receipt of Gallantry Awards:

Relaxation to the extent of 5% in minimum marks in the aggregate or in the subject, as the case may be, will be given to the candidates of the above mentioned categories while determining their eligibility to the course concerned.

In order to become eligible for the above concession, children/widows/wives of officers and Jawans etc. are required to produce the entitlement card issued by the following:

1. Secretary, Kendriya Sainik Board, Delhi
2. Secretary, Rajya/Zila Sainik Board
3. Officer-in-Charge, Record Office
4. Ist Class Stipendiary Magistrate

For purposes of registration, the candidates are required to submit their application forms on a prescribed form available at the Department Office, along with the attested copies as well as the original required certificates, which will be returned to them after endorsement on the reverse of the original certificate.

Admission under Sports Category:

Admission under this category will be governed as per the guidelines of the university. However, it is mandatory for the students seeking admission under the sports category to take the qualifying Entrance Test to be held on June 25, 2011. Students seeking admission under the sports category **must also** directly apply to the **Delhi University Sports Council (DUSC)**. The final list of candidates for admission would be decided as per the university rules. Students admitted under the sports category shall actively participate in the day to day training / practice

of games, coaching programmes / camps, inter college and inter university tournaments and other meets approved by the DUSC.

Admission under Other Backward Classes (OBC) category:

It may be noted that as per communication received by the University from the UGC, the OBC status is to be determined on the basis of the Central list of OBCs notified by the Ministry of Social Justice & Empowerment on the recommendations of the National Commission for Backward Classes available at the website of the Commission (http://ncbc.nic.in/backward_classes/index.html).

The minimum eligibility conditions for appearing in the test will remain the same as that of the General Category students. A separate merit list will be prepared as per the guidelines of the University.

M.A. Admission-cum-Scholarship Test

There will be two types of question papers for the admission-cum-scholarship test termed as Option A and Option B. Candidates are free to choose any one option. The question paper under Option A is more suitable for candidates who have studied Economics/Commerce at the undergraduate level, and the question paper under Option B is more suitable for candidates who have studied Mathematics, Statistics, Physics or any of the other courses mentioned under eligibility conditions above at the undergraduate level. However, the candidates are free to which of the two tests they would like to take.

Please note that every candidate must indicate on the application form the choice of option (A or B) for the entrance exam. The option exercised (at the time of submitting the application form) will be deemed final and you will get a question paper for that option only.

Option A

Candidates are expected to be familiar with the material contained in the current B.A.(Honours) Economics programme of the University of Delhi. The Entrance Examination will test the candidates' ability to understand and apply concepts in four basic areas in Economics: (a) microeconomic theory, (b) macroeconomic theory, (c) mathematical techniques used by economists, and (d) probability and statistics. Apart from these, some general questions testing the reasoning and quantitative ability of the students may also be asked. For more details about the nature of the examination, please see the description of Option A given below.

A list of indicative, but not exhaustive, references that may be used to prepare for the examination are:

Chiang, A.C, Fundamental Methods of Mathematical Economics, McGraw- Hill.

Dornbusch, R., and S. Fischer, Macroeconomics, McGraw-Hill

Mankiw, N.G., Macroeconomics, Macmillan

Nagar, A.L., and Das R.K., Basic Statistics, Oxford University Press.

Pindyck, Robert S. and Rubinfeld, Daniel L. Microeconomics, 5th ed., Prentice- Hall.

Sydsaeter, K. and Hammond, P. J. Mathematics for Economic Analysis, Pearson Education.

Varian, H. Intermediate Microeconomics, 2nd ed., Norton & Co.

Option B

Candidates choosing Option B are expected to be prepared in Mathematics and Statistics at a level indicated by the following references:

Bartle, R.G., The Elements of Real Analysis, Wiley

Coddington, E.A. and N. Levinson, Theory of Ordinary Differential Equations, McGraw-Hill

Feller, W., An Introduction to Probability Theory and its applications, Wiley

Finkbeiner, D.T., Introduction to Matrices and Linear Transformations, W.H.

Freeman and Co. (reprinted in India by D.B. Taraporevala Sons & Co.)

Hoffman, K. and R. Kunze, Linear Algebra, Prentice-Hall

Hogg, C and Craig, A.T., Introduction to Mathematical Statistics, Prentice-Hall

Rudin, W., Principles of Mathematical Analysis, McGraw-Hill

For more details about the nature of the examination, please see the description of Option B given below.

Description of Option A

Option A will consist of multiple-choice questions only. It will comprise 40 multiple-choice questions of 2 marks each (with a penalty of $-2/3$ for a wrong answer), and 20 multiple-choice questions of 1 mark each (with a penalty of $-1/3$ for a wrong answer). The correct choices must be entered on the bubble sheet provided for the purpose, and not on the question paper.

The multiple-choice questions are designed to test rigorously the ability to apply concepts and techniques, rather than have a mere 'theoretical' familiarity with them. Space will be provided in the question paper for the necessary rough work. Because the bubble sheet will be checked by a machine, it is very important that:

- only one bubble be shaded against each question number
- the chosen bubble be completely shaded
- HB pencil be used for the shading
- if you decide to change your choice, completely erase the previously shaded bubble

Candidates must bring their own pencils, erasers, sharpeners etc., as well as simple (non-programmable, non-alpha-numeric memory) calculators.

Description of Option B

The option B question paper will have two parts. Part I will comprise of multiple-choice questions with negative marking for an incorrect answer. Part II will comprise of longer questions.

For the benefit of the candidates the entrance test paper for the year 2010 is available on our web page: <http://www.econdse.org/programframe.htm> . No queries on the test paper will be entertained.

Sample multiple-choice questions

1. A number of mathematicians in the middle of the 20th century contributed to a series of books published in the name of a fictitious mathematician called Bourbaki. Suppose a sociological critic of science asserts ‘There exists a book by Bourbaki such that every chapter in that book contains a theorem whose validity depends on the reader’s gender’. If this assertion is false, which of the following assertions must be true?
 - (a) Every book by Bourbaki contains a chapter such that the validity of some theorem in that chapter is independent of the reader’s gender.
 - (b) Every chapter in every book by Bourbaki contains a theorem whose validity is independent of the reader’s gender.
 - (c) There exists a book by Bourbaki such that every chapter in it contains a theorem whose validity is independent of the reader’s gender.
 - (d) Every book by Bourbaki contains a chapter such that the validity of all the theorems in it is independent of the reader’s gender.
2. Suppose two dice are tossed simultaneously. What is the probability that the total number of spots on the upper faces of the two dice is not divisible by 2, 3 or 5?
 - (a) $1/3$ (b) $2/9$ (c) $4/9$ (d) $7/16$
3. The LM curve will shift to the
 - (a) left if the price level falls and the quantity of money is held constant.
 - (b) left if the price level is held constant and the quantity of money rises.
 - (c) right if the price level falls and/or the quantity of money rises.
 - (d) right if the price level rises and the quantity of money is held constant.
4. Consider a Cournot duopoly with inverse market demand function $p=a-b(q_1+q_2)$, where $a>4$ and $b>0$ are given constants, p is the market price and q_i is firm i ’s output. Suppose Firm 1’s cost function is $C_1(q_1)=q_1$ and Firm 2’s cost function is $C_2(q_2)=2q_2$. In Cournot equilibrium, the outputs are
 - (a) $q_1=a/3b$ and $q_2=(a-3)/3b$

- (b) $q_1 = (a-3)/3b$ and $q_2 = a/3b$
- (c) $q_1 = 2a/3b$ and $q_2 = (2a-3)/3b$
- (d) $q_1 = (2a-3)a/3b$ and $q_2 = 2a/3b$

5. Consider the situation described in Question 4. Now suppose Firm 1 takes over Firm 2 to become a monopolist. The new firm will

- (a) produce $2/3$ of the output in plant 1 and $1/3$ of the output in plant 2.
- (b) produce $1/3$ of the output in plant 1 and $2/3$ of the output in plant 2.
- (c) divide the output equally between the two plants.
- (d) produce nothing in plant 2.

Admission Procedure

Admission to the M.A. Economics course will be strictly according to merit and no candidate will be admitted in the General category unless he/she secures at least 40 per cent marks in the Entrance Test. For candidates belonging to the OBC category, the cut off marks will be lower than the cut off marks for the general category. The exact cut off marks for OBC category will be decided as per the directives received from the University/the Ministry of HRD.

In the selection of candidates for admission, the decision of the Admission Committee of the department will be final. Admission of students to the course will be provisional and will be confirmed by the Admission Committee of the University only after verification of the original certificates.

Successful candidates will be issued admission slips, which they are required to produce for enrolling themselves in the Delhi School of Economics or in any of the listed colleges. The procedure for admission in the Delhi School of Economics is given below. For admission in affiliated colleges, candidates are requested to contact the concerned college authorities. The total intake in M.A Economics this year, inclusive of all the reserved category seats, will be decided as per the guidelines yet to be finalized by the University. For scholarship purposes, separate merit lists will be put up for the reserved and non-reserved categories.

Admission Procedure at the Delhi School of Economics and Fees

The candidates selected for admission in the Delhi School of Economics must contact the office of the School for the admission form. The students are required to produce:

- i. all original certificates which will be returned after verification;
- ii. hostel application, if relevant, on the prescribed form (refer to section 8 of this Handbook);
- iii. two recent passport size photographs, duly attested.

Fee

A. Students registered directly in the Delhi School of Economics are required to pay the following fees/annual charges:

Tuition Fee (Rs. 18 per month from May to April)	Rs. 216.00
Admission fee	Rs. 10.00
University enrolment fee	Rs. 150.00
University Development fee	Rs. 300.00
University annual charges	Rs. 8.00
Library fee	Rs.6.00
Athletics fee	Rs. 50.00
W.U.S. Health Centre fee	Rs. 120.00
Student's Union fee	Rs. 125.00
Library Deposit (Refundable)	Rs. 1000.00
Cultural fee	Rs. 10.00
DSE Amenities Fund	Rs. 100.00
Library Development fee	Rs. 200.00
Computer fee*	Rs. 3000.00
DSE Development Fee	Rs. 500.00
DSE Library Services Fee	Rs. 1000.00
N.S.S. Fund	Rs. 20.00
Prevention of Sexual Harassment Fund	Rs. 10.00

B. For students registered in colleges, the following annual fees will be collected in the colleges (apart from the respective college charges and tuition fees):

Computer fee*	Rs. 3000.00
DSE Development Fee	Rs. 500.00
DSE Library services fee	Rs.1000.00

To alleviate the financial hardship of the needy students, the above fees may be fully or partially waived, as per the assessment of a departmental committee. Needy students should submit an application at the time of depositing of admission fees for full/partial waiver for the computer fee. This application must be accompanied by a statement of circumstances, and a certificate of proof of the annual family income.

Tuition Fees from May to August and annual charges are payable on the day of admission. Other dues are payable in advance on or before the 10th of the month for which they are due.

Fees may be revised from time to time as per the University decision.

General Discipline, Attendance and Internal Assessment Requirements:

Subject to the control and general regulation of the Academic Council, the instruction and routine in M.A Economics shall be under the direction of the Dean, Faculty of Social Science, and the Head of the Department.

Except with respect to his/her work in the course, each student shall remain under the control and discipline of his/her own college/institution. For example, a student expelled from his/her college is automatically expelled from the course.

Scholarships

The students joining the M.A. course in Economics can compete, on the basis of their performance in the Entrance Test and in their last qualifying examination, for a number of scholarships awarded every year. Prominent among these are:

Professor Manmohan Singh Fest chrift Scholarship of Rs. 5000/- per month plus a book grant of Rs. 3000/- per annum; **A.N. Ram scholarship** of Rs. 1200/- per month; **Mrs. Elizabeth Krishna Scholarship** of Rs. 500/- p.m.; **Merit Scholarship** of Rs.400/- p.m. and **Smt. Shanti Sharma Memorial Scholarship** of Rs. 500/- per month.

All scholarships are awarded on the basis of merit. Those awarded in the first year of the course are renewed in the second year subject to satisfactory performance. Four of the National Scholarships are reserved for students who have graduated from universities other than the University of Delhi. The details of some of the scholarships are given below:

The details of some of the scholarships are given below:

Sr. No.	Name of the Scholarship	Year in which of award awarded	Duration	Value (per-month)	Number
1.	Prof. Manmohan Singh Scholarship	M.A. (P)	Two years	Rs. 5000/-	1
2*	A.N. Ram Scholarship	M.A. (P)	Two years	Rs. 1200/-	1
3.	Merit Scholarship	M.A. (P)	One year	Rs. 400/-	4
4.	Merit Scholarship	M.A. (F)	One year	Rs. 400/-	4
5.	Smt. Shanti Sharma Memorial Scholarship	M.A.(P)	Two years	Rs. 500/-	1
6.	National (CAS) Scholarship	M.A. (P)	Two years	Rs. 250/-	8
7.	Prof. Balvir & Ranjana Singh Memorial Scholarship	M.A.(P)	Two years	Rs. 230/-	1

The other scholarships offered by the department are as follows. The exact values of these scholarships may vary according to the availability of funds.

8.	Prof. Balvir & Ranjana Singh Memorial Scholarship	M.A. (F)	One year	-	1
9.	Prof. K.A. Naqvi Memorial Scholarship	M.A. (P)	Two years	-	1
10.	**Alka Garg Memorial Scholarship	M.A. (P)	Two years	-	1
11.	Prof. Naqvi Memorial Scholarship	M.A. (F)	Ten months	-	1
12.	***Pradeep Gupta Memorial	M.A. (P)	Two years	-	1

