



NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE
Assignment — June-2020/Dec.-2020

COMMERCE

Paper - II : Managerial Economics

QUESTION PAPER CUM ANSWER BOOKLET

(Full Marks : 50)

(Weightage of Marks : 20%)

Special credit will be given for precise and correct answer. Marks will be deducted for spelling mistakes, untidiness and illegible handwriting. The figures in the margin indicate full marks.

Name (in Block Letter) :

Enrolment No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Study Centre Name : Code :

To be filled by the Candidate	Serial No. of question answered																				TOTAL	
For Evaluator's only	Marks awarded																					

Q.P. Code : **PA/5/II**

PG-COM.-AP-17078

Signature of Evaluator with Date



NETAJI SUBHAS OPEN UNIVERSITY

POST-GRADUATE COURSE
Assignment — June-2020/Dec.-2020

STUDENT'S COPY

COMMERCE

Paper - II : Managerial Economics

Name (in Block Letter) :

Enrolment No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Study Centre Name : Code :

Q.P. Code : **PA/5/II**

PG-COM.-AP-17078

Received Answer Booklet
Signature with seal by the Study-Centre

**জরুরি নির্দেশ / Important Instruction**

আগামী শিক্ষাবর্ষান্ত পরীক্ষায় (T.E. Exam.) নতুন ব্যবস্থা অর্থাৎ প্রশ্নসহ উত্তর পুস্তিকা (QPAB) প্রবর্তন করা হবে। এই নতুন ব্যবস্থার সঙ্গে পরীক্ষার্থীদের অভ্যস্ত করার জন্য বর্তমান অনুশীলন পত্রে নির্দেশ অনুযায়ী প্রতিটি প্রশ্নের উত্তর নির্দিষ্ট স্থানেই দিতে হবে।

New system i.e. Question Paper Cum Answer Booklet (QPAB) will be introduced in the coming Term End Examination. To get the candidates acquainted with the new system, assignment answer is to be given in the specified space according to the instructions.

**Detail schedule for submission of assignment for the
PG Term End Examination June-2020/Dec.-2020**

1. Date of Publication : 20/06/2020
2. Last date of Submission of answer script by the student to the study centre : 19/07/2020
3. Last date of Submission of marks by the examiner to the study centre : 16/08/2020
4. Date of evaluated answer scripts distribution by the study centre to the students (Students are advised to check their assignment marks on the evaluated answer scripts and marks lists in the study centre notice board. If there is any mismatch / any other problems of marks obtained and marks in the list, the students should report to their study centre Co-ordinator on spot for correction. The study centre is advised to send the corrected marks, if any, to the COE office within five days. No change / correction of assignment marks will be accepted after the said five days.) : 23/08/2020
5. Last date of submission of marks by the study centre to the Department of C.O.E. on or before : 31/08/2020

এখানে কিছু লিখবেন না

Do Not Write Anything Here



MODULE - I

Answer any *two* questions :

$$12 \frac{1}{2} \times 2 = 25$$

1. What is a constraint ? Distinguish between equality and inequality constraints. Briefly explain the procedure of optimisation with inequality constraints.

$$2 + 3 + 7 \frac{1}{2}$$

2. Define degree of freedom. Briefly discuss the concept of coefficient of determination and the concept of F -statistic. Explain the concept of standard error of estimate.

$$2 + 7 + 3 \frac{1}{2}$$

3. Optimise the function :

$$Z = (x - 2)^2 + \{y - 0.5(3 - \sqrt{5})\}^2$$

subject to the constraint, $-x - y + 1 = 0$.

$$12 \frac{1}{2}$$

4. Define an iso-quant. Define marginal rate of technical substitution (MRTS). Define elasticity of substitution. Bring out the major features of any two types of iso-quant using suitable diagrams.

$$2 + 2 + 2 \frac{1}{2} + 6$$

First Answer :



QP Code : PA/5/II

4 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

5 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

6 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

7 / 16

PG-COM.-AP-17078

Second Answer :



QP Code : PA/5/II

8 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

9 / 16

PG-COM.-AP-17078

**MODULE - II**Answer any *two* questions :

$$12 \frac{1}{2} \times 2 = 25$$

5. Discuss how game theory may be used to explain the inherent instability of a cartel agreement. $12 \frac{1}{2}$
6. Briefly explain the differences between Baumol's Sales Maximisation Theory and the Neo-Classical marginal cost-pricing technique. $12 \frac{1}{2}$
7. Briefly discuss the techniques of price skimming by firms with naive consumers and with sophisticated consumers. $6 + 6 \frac{1}{2}$
8. Give a couple of examples of externality. Mention the transaction costs involved in externality situation. What kind of state intervention and alternative institutional arrangements may be undertaken to tackle such situations ? $2 + 4 + 6 \frac{1}{2}$

First Answer :



QP Code : PA/5/II

11 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

12 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

13 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

14 / 16

PG-COM.-AP-17078

Second Answer :



QP Code : PA/5/II

15 / 16

PG-COM.-AP-17078



QP Code : PA/5/II

16 / 16

PG-COM.-AP-17078