

KATHMANDU UNIVERSITY
End Semester Examination
March/April, 2017

Marks Scored:

Level : B. E.

Year : IV

Exam Roll No. :

Time : 30 mins.

Course : GEOM 401

Semester : I

F. M. : 10

Registration No. :

Date :

MAR 24 2017

SECTION "A"

[20 Q. × 0.5 = 10 marks]

Choose the most appropriate answer among the given choices.

1. Three of the core managerial competencies in survey project management consist of
 - a) Communication, Multicultural, and Production
 - b) Planning and Administration, Production, and Human Resources
 - c) Teamwork, Self-Management, and Strategic Action
 - d) Multicultural, Communication, and Global Awareness
2. Risk analysis and management constitutes one of the important tasks of
 - a) Situation survey
 - b) Project formulation process
 - c) Identification of customer's needs
 - d) Project identification process
3. Which of the following is not included under best trait of manager in survey management?
 - a) Fair/ Just in decisions
 - b) Trusting
 - c) Empowering
 - d) Deceitful
4. Top level management spent more time in carrying out following managerial function
 - a) Planning
 - b) Leading
 - c) Organizing
 - d) Controlling
5. CPM as a planning tool in survey project management represents
 - a) Capital Project Management
 - b) Control Program Monitor
 - c) Critical Path Method
 - d) Chief Project Manager
6. On which stage, the assessment of impact of project is carried out?
 - a) On-going process
 - b) At Mid
 - c) At termination of project
 - d) At ex - post
7. Critical path is that sequence of activities and events where there is no "slack" with
 - a) Shortest path through a network and maximum project completion time
 - b) Longest path through a network and maximum project completion time
 - c) Shortest path through a network and minimum project completion time
 - d) Longest path through a network and minimum project completion time
8. Stress occurs when the pressure is
 - a) Equal to the resource
 - b) Greater than the resource
 - c) Less than the resource
 - d) Equal to the resource but less than mind traps

9. In the project network analysis, nodes and arrows are used considering the following:
 - a) An arrow indicates event while a node represents and activity
 - b) Activity on node represents order of events while activity on arrow indicates a completion of an activity
 - c) An arrow indicates activity while a node represents and event
 - d) Activity on node represents order of events while activity on arrow indicates a task
10. Which of the following procurement method has to be followed when foreign goods or construction works have to be procured from foreign assistance source
 - a) Direct purchase
 - b) Sealed quotation
 - c) National competitive bidding
 - d) International Competitive bidding
11. CPM as a planning tool requires
 - a) Single time estimate
 - b) Double time estimate
 - c) Triple Time estimate
 - d) Quadruple Time estimate
12. Pessimistic thinking is one of the factors of
 - a) Mind traps
 - b) Personality traits
 - c) Rigid thinking
 - d) Negative self-talk
13. PERT adopts
 - a) Deterministic approach
 - b) Stochastic approach
 - c) Probabilistic approach
 - d) Optimistic Approach
14. CPM is
 - a) Activity oriented
 - b) Time oriented
 - c) Event oriented
 - d) Resource oriented
15. Bar chart is drawn for
 - a) Time versus Activity
 - b) Activity versus Resources
 - c) Resource versus progress
 - d) Progress versus time
16. CPM was developed by Morgan Walker of USA in.....A.D.
 - a) 1957
 - b) 1900
 - c) 1940
 - d) 1967
17. Human Resource Management covers
 - a) Acquisition of human resources
 - b) Acquisition and Development of human resources
 - c) Acquisition, Development and Utilizations of human resources
 - d) Acquisition, Development, Utilizations and Maintenance of human resources
18. Which of the following is not included in maintenance stage of Human Resource management?
 - a) Employee welfare program
 - b) Motivation and reward
 - c) Grievances handling
 - d) Discipline
19. The pictorial representation of activities and events of a project is known as
 - a) Flow chart
 - b) Algorithm
 - c) Flow net
 - d) Network
20. Milestones are
 - a) The events specifying the beginning and/or the end of subdivided activities
 - b) The stones indicating the distance along a highway
 - c) Dates of important happenings in the history of any nation
 - d) Same as bar chart

KATHMANDU UNIVERSITY
End Semester Examination
March/April, 2017

MAR 24 2017

Level : B. E.
Year : IV
Time : 2 hrs. 30 mins.

Course : GEOM 401
Semester : I
F. M. : 40

SECTION "B"

[4 Q × 4 = 16 marks]

Attempt *ALL* questions. Answers should be clear and to the point.

1. Explain the components of survey management. What are the essential characteristics of survey Project? [2+2]
2. Define project monitoring and evaluation. Explain the objectives of project evaluation. Discuss on types of evaluation. [2+1+1]
3. Write short notes on (*ANY TWO*) [2+2]
 - a) Time management
 - b) Management competencies
 - c) Project Control Cycle
4. Explain stages of Human Resources Management in survey project. Why occupational health and safety (OHS) is important in survey project management? [2+2]

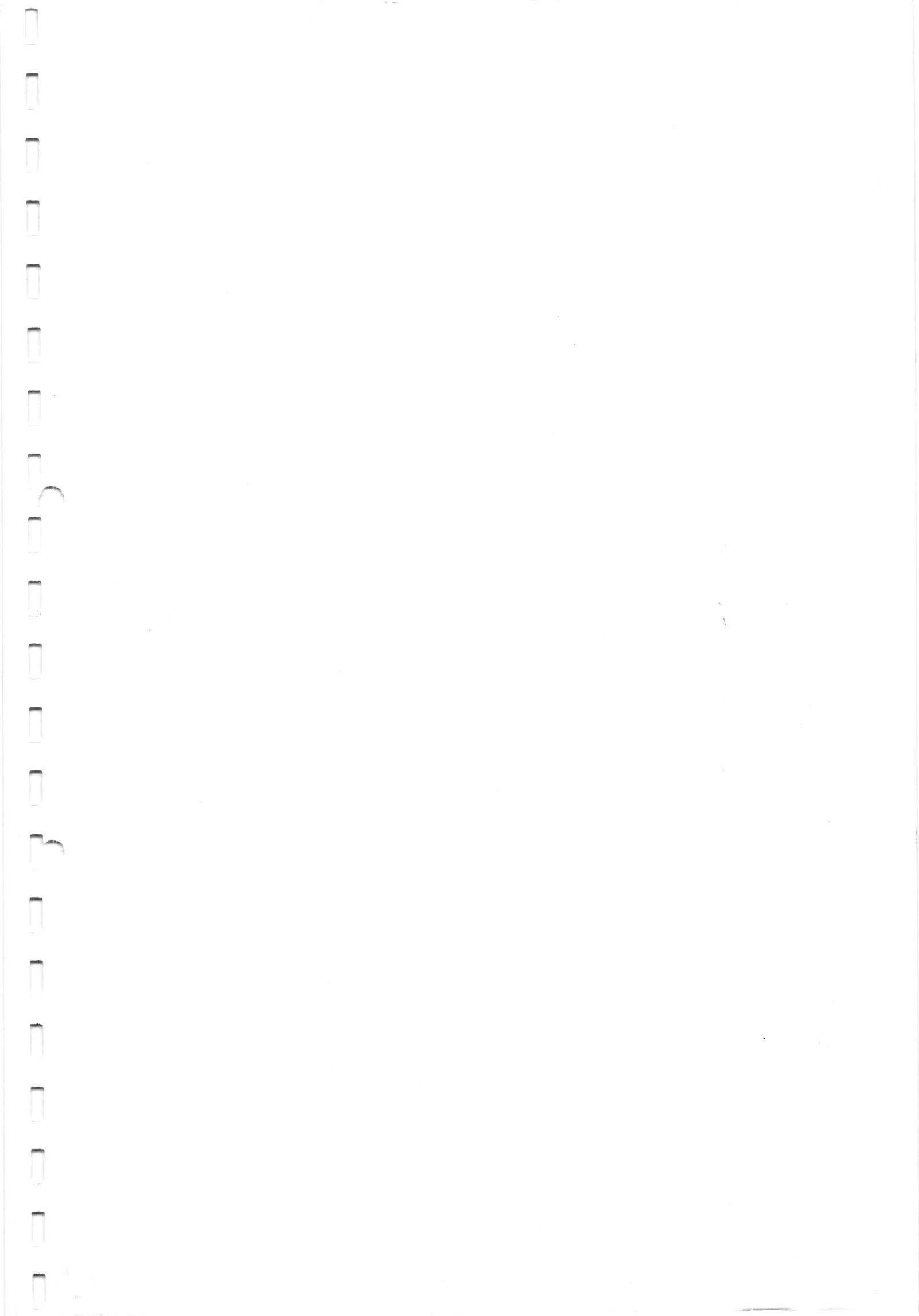
SECTION "C"

[4 Q × 6 = 24 marks]

Attempt *ALL* questions.

5. Explain management versus administration. What are the roles of a survey project manager? Explain types of manager in management process. Is survey project management art or science? [1+2+2+1]
6. Differentiate between NCB and ICB method of procurement. Explain procurement process with diagram. Explain Bid security and Performance security in procurement process. [2+2+2]
7. What are the common ways of communications in survey project management? Explain with diagram, communication process in survey project management? What are the barriers to communication? Explain features of effective communication. [1+1+2+2]
8. Explain CPM scheduling technique and its advantages in survey project management. The following is the information on network analysis of survey project activities. How long will it take to complete this project? Indicate appropriate network diagram. [1+1+4]

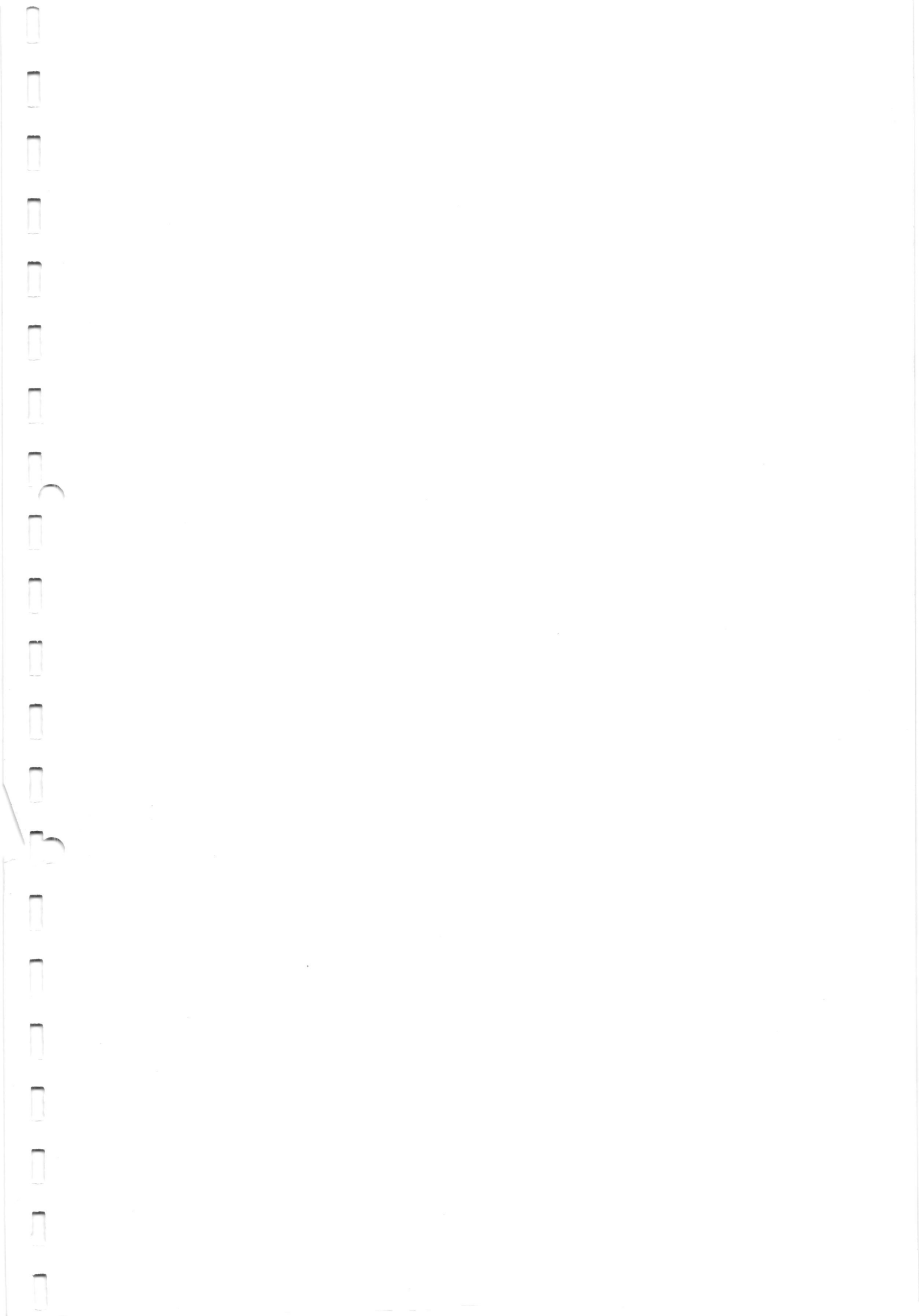
Activity	Completion Time (Weeks)	Immediate Predecessor Activities
A	6	-
B	2	-
C	3	A
D	2	B
E	4	C
F	1	D
G	1	E,F
H	6	G
I	3	H
J	1	H
K	1	I,J



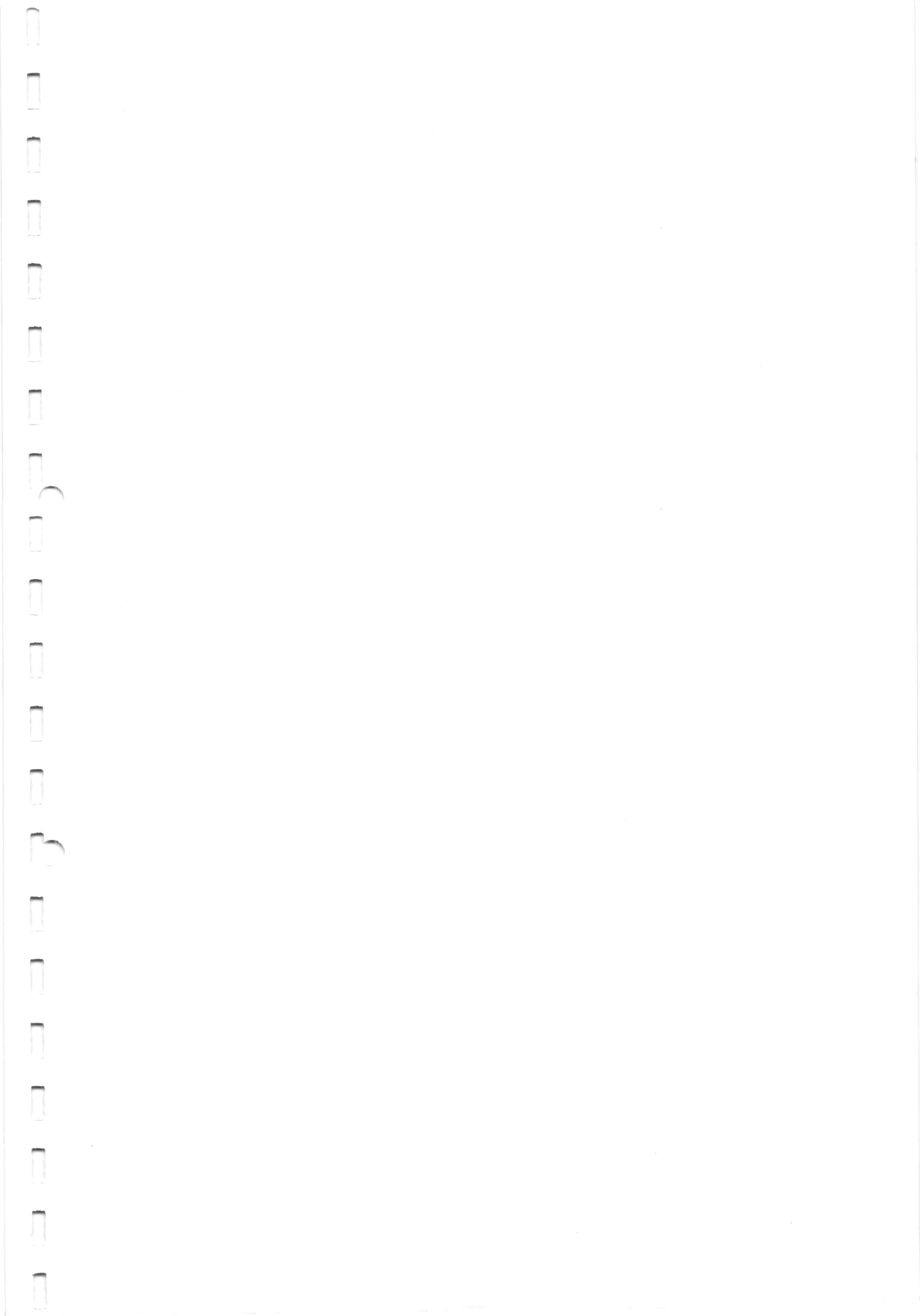
KATHMANDU UNIVERSITY
School of Science/ School of Engineering
End-Semester Examinations
March/ April, 2017

Examination Time : 11:00 A.M. to 2.00 P.M.

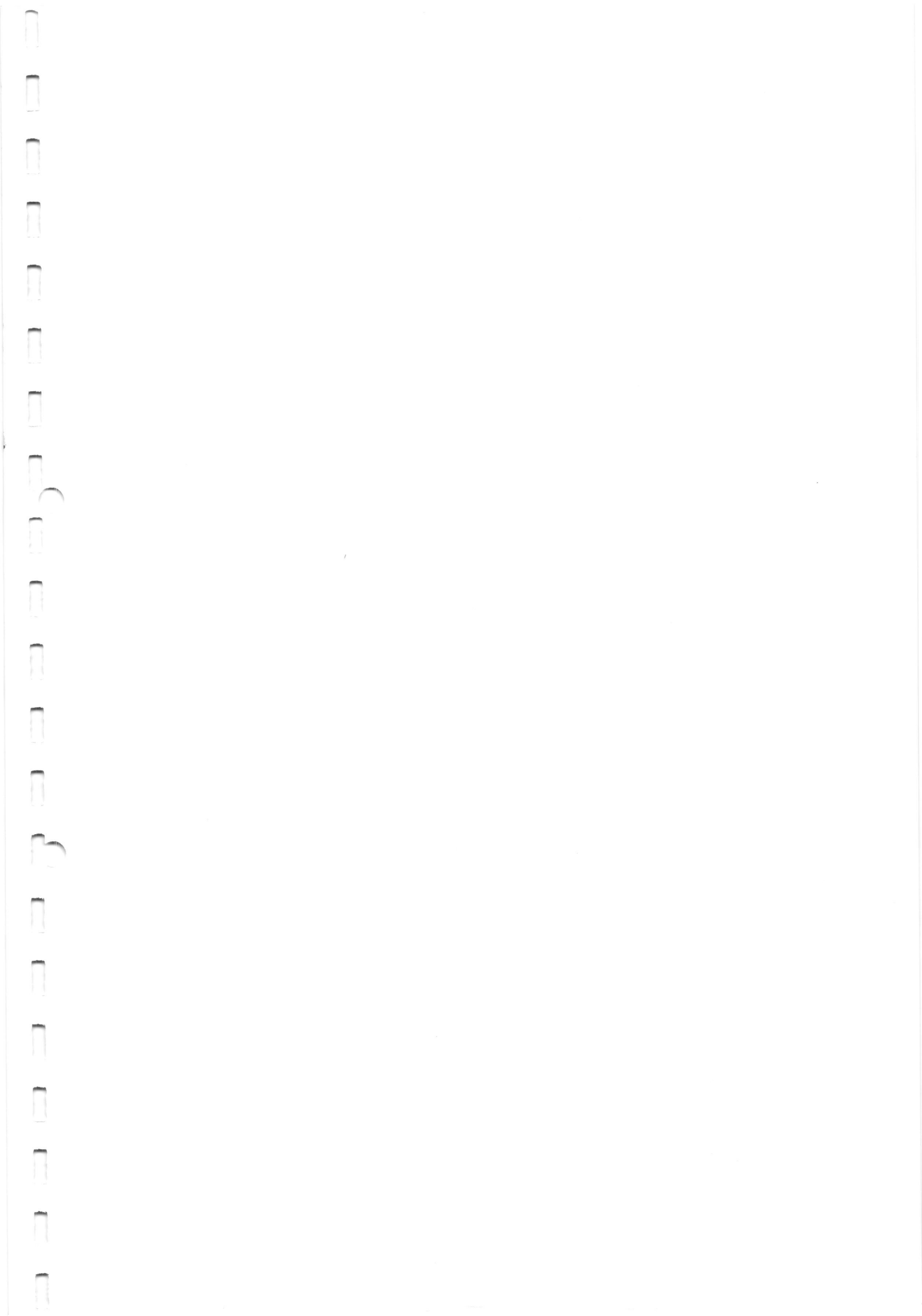
Date/ Day	I - I	I - II	II - I	II - II	III - I	IV-I
March 24 Friday			MATH 207 EE+ME+GE+ Civil++ENVE+ ChemE. MATH 206 ES+BP+HB BIOT 203 BT STAT 201 AP	MATH 207 CS	PHYS-312	MEPP 412 ME GEOM 401 GE CIEG 402 Civil MGTS 402 ES+ENVE+ BP BIOT 401 BT PHYS 401 AP
March 26 Sunday	PHYS 101 EE+ME+CE+ GE+Civil+CS +ES+ENVE+ BP+BT+ PHYS+Che.E. PHYS 113 HB	MATH 104 CS			EEEG 314 EE-C+EE-P MEEG 315 ME COMP 301 CE GEOM 316 GE CIEG 301 Civil INAN 301 ES+BP+BT+ ENVE PHYS 301 AP	ETEG 408 EE-C EPEG 413 EE-P COMP 401 CE+CS
March 27 Monday			EEEG 202 EE +CE+CS EEEG 204 ME+Chem.E. ENVS 211 ES+ENVE PHAR 216 BP MATH 205 GE+Civil BIOT 201 BT HBIO 201 HB MATH 201 AP	COMP 204 CS	COMP 317 CS	GEOM 402 GE CIEG 404 Civil ENVS 431 ES+ENVE PHAR 401 BP BIOT 410 BT PHYS 402 AP



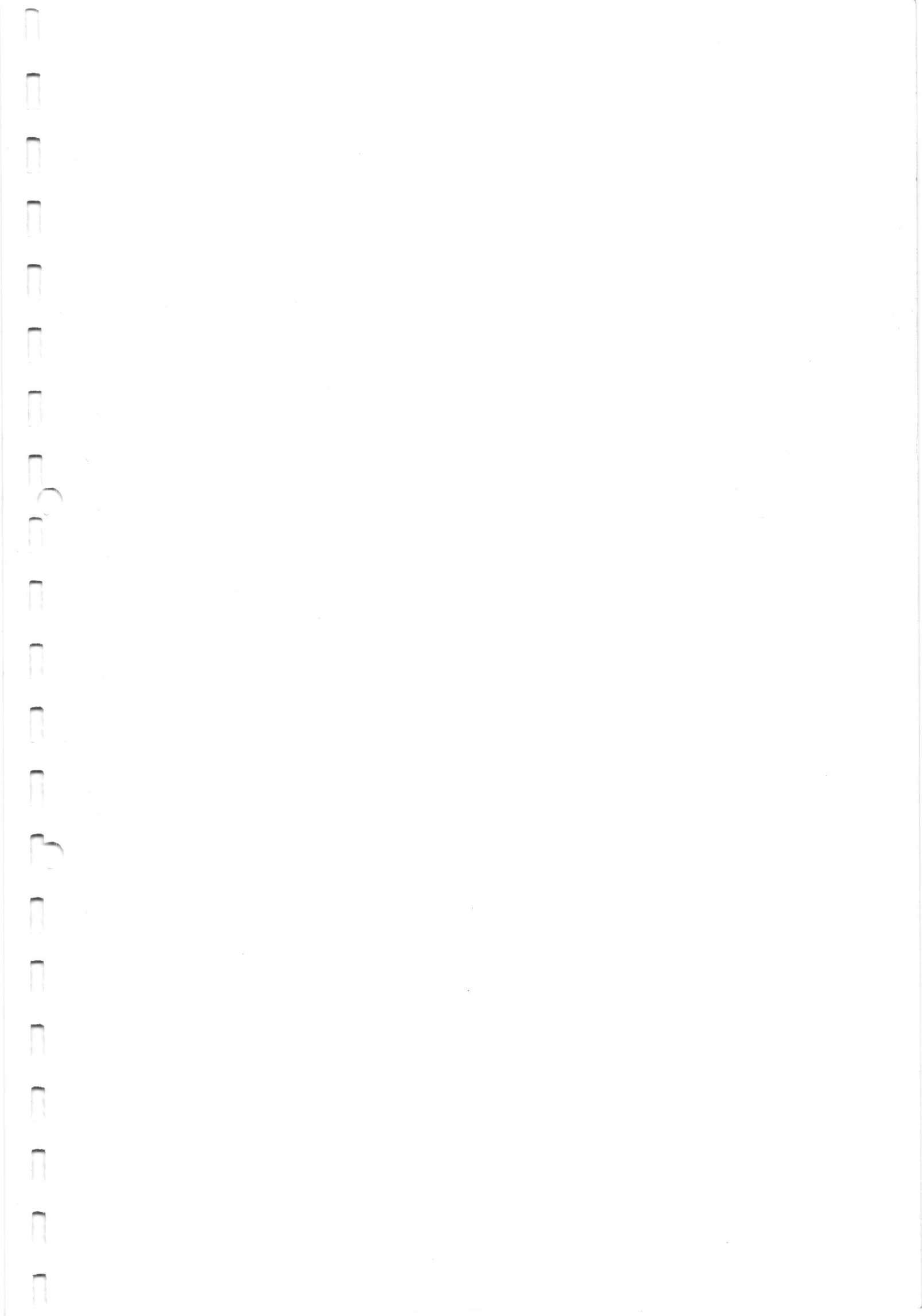
Date/ Day	I - I	I - II	II - I	II - II	III - I	IV - I
March 28 Tuesday	ENGT 101 EE+ME+CE+ GE+Civil+CS +ENVE+ES+ BP+BT+HB+ AP+ Che.E.				CIEG 306 Civil	
March 29 Wednesday		PHYS 102 CS			GEOM 317 GE ENVS 345 ES ENVE 309 ENVE PHAR 301 BP BIOT 303 BT MATH 301 AP	MGTS 403 EE+ME+CE+ CS
March 30 Thursday			EEEG 207 EE MEEG 213 ME+Chem. E. COMP 202 CE+CS CIEG 204 Civil GEOM 205 GE CHEM 207 ES ENVE 209 ENVE PHAR 204 BP BIOT 204 BT CHEM 212 HB PHYS 202 AP		COEG 304 EE-C+ ME+CE EPEG 302 EE-P CIEG 302 Civil COMP 342 CS	GEOM 405 GE CIEG 406 Civil ENVS 423 ENVS 440 ES ENVE 432 ENVE PHAR 406 BP PHYS 405 AP



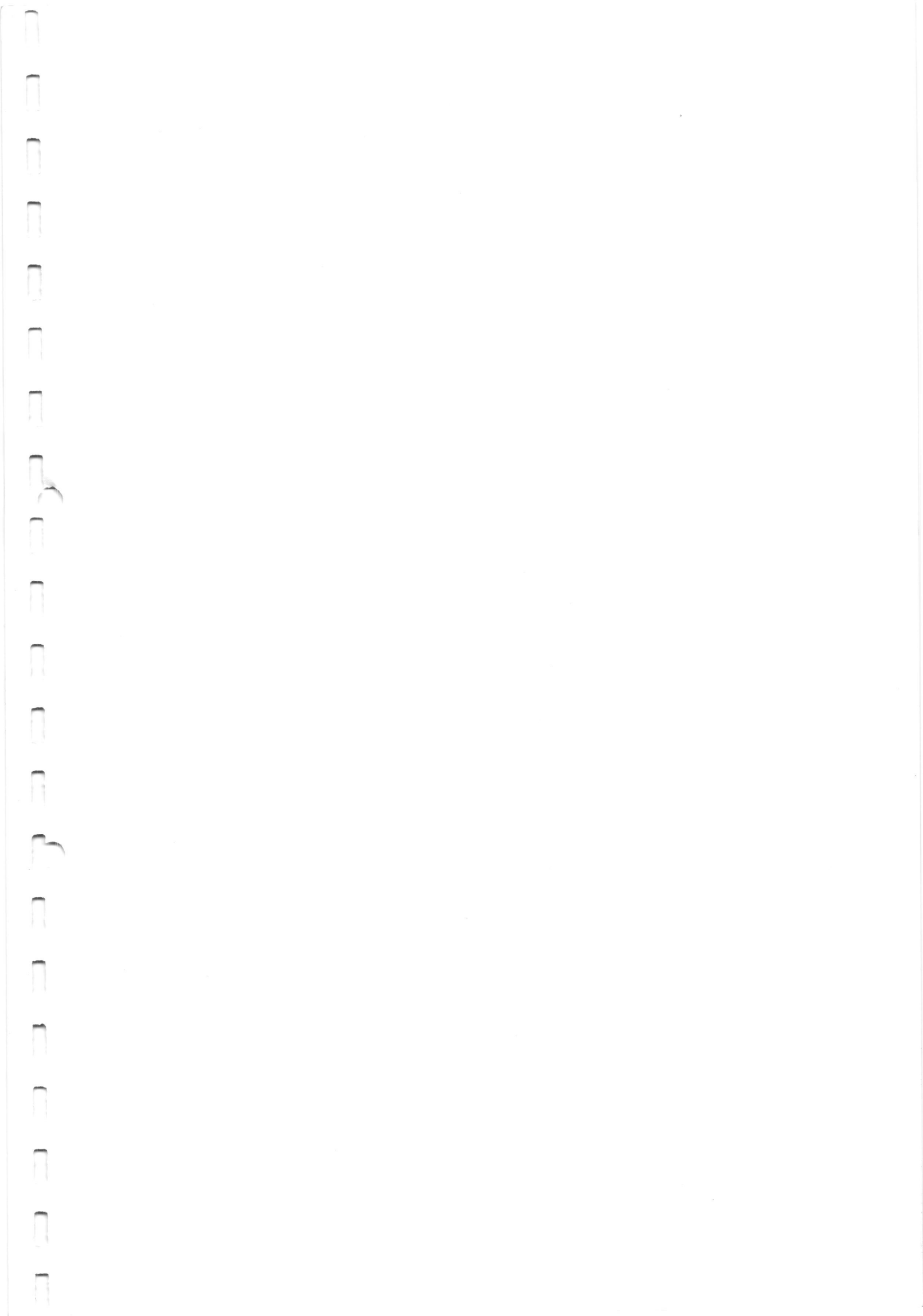
Date/ Day	I - I	I - II	II - I	II - II	III - I	IV-I
March 31 Friday	CHEM 101 EE+ME+CE+ GE+Civil+CS + ENVE+AP ES+BP+BT +HB+ Che.E.			MCSC 202 CS		BIOT 403 BT
April 2 Sunday		ENGG 112 CS	GEOM 201 GE MEEG 217 ME		MGTS 301 EE-C+EE- P+ME+CE+C S+ GE+Civil+EN VE+BP ENVS 338 ES BIOT 301 BT PHYS 303 AP	
April 3 Monday			EEEG 211 EE+CE+CS CIEG 201 Civil+ENVE ENVS 207 ES CHEM 201 BP+BT+HB+ Chem. E. PHYS 201 AP			ETEG 402 EE-C COEG 401 EE-P MEPP 427 ME COMP 472 CE+CS CIEG 405 GE+Civil ENVS 435 ES PHAR 408 BP ENVE 433 ENVE BIOT 409 BT PHYS 403 AP



Date/ Day	I - I	I - II	II - I	II - II	III - I	IV - I
April 4 Tuesday	MATH 101 EE+ME+CE+ GE+Civil+CS + ENVE+PHYS + Che.E. MATH 111 ES+BP+BT MATH 117 HB	ENVE 101 CS		COMP 231 CS		
April 6 Thursday		ENGT 102 CS	EEEG 213 EE MEEG 216 ME+ENVE+ Chem.E. CIEG 202 Civil GEOM 202 GE ENVS 212 ES PHAR 201 BP BIOT 202 BT HBIO 204 HB PHYS 203 AP		EEEG 313 EE-C+EE-P MEEG 301 ME COMP 315 CE+CS GEOM 303 GE CIEG 303 Civil ENVS 336 ES ENVE 207 ENVE PHAR 304 BP BIOT 302 BT MATH 302 AP	



Date/ Day	I - I	I - II	II - I	II - II	III - I	IV - I
April 7 Friday	ENGG 111 EE+ME+CE+ GE+Civil+CS +ENVE+ Che.E. BIOL 101 ES+BP+BT +HB+AP		MATH 208 CE+CS			ETEG 422 EE-C EPEG 422 EE-P COMP 421 CE+CS MEPP 433 MEPP 439 ME GEOM 409 GE CIEG 403 Civil ENVS 413 ES ENVS 404 ENVE PHAR 404 BP BIOT 404 BT PHYS 404 AP
April 9 Sunday	COMP 103 EE+ME+CE+ GE+Civil+ ENVE +CS+ Che.E. COMP 101 ES +BP+BT +AP	COMP 116 CS	ENVS 201 ES	COMP 232 CS	ETEG 302 EE-C EPEG 317 EE-P MEEG 306 ME COMP 307 CE+CS GEOM 318 GE CIEG 305 Civil+ENVE ENVS 332 ES PHAR 303 BP BIOT 304 BT PHYS 302 AP	



Date/ Day	I - I	I - II	II - I	II - II	III - I	IV - I
April 10 Monday	COMP 115 HB		MEEG 219 ME CIEG 203 Civil PHAR 203 BP MEEG 206 ENVE BIOT 205 BT MATH 204 AP CHEG 201 Chem. E.			ETEG 429 ETEG 431 EE-C EPEG 410 EPEG 416 EE-P MEPP 403 ME COMP 477 CE+CS CIEG 401 Civil GEOM 411 GE ENVS 402 ES+ENVE PHAR 402 BP BIOT 416 BT
April 11 Tuesday	HBIO 102 HB		MCSC 201 CE+CS PHYS 206 ES		ENVS 333 ES+ENVE	
April 13 Thursday			ENVE 204 ENVE		CIEG 304 CIVE MATH 303 AP	COMP 478 CE+CS CIEG 407 CIEG 408 CIEG 409 Civil GEOM 406 GE ENVS 415 ES
April 16 Sunday					COMP 316 CS	COMP 407 CE
April 19 Wednesday						COMP 409 CE

Note: Examinations will be conducted as per this schedule and under no circumstance the dates and times will be changed unless the University publishes prior notice.

