



**INDIAN SCHOOL MUSCAT
SENIOR SECTION**

DEPARTMENT OF ENGLISH

**BLUE PRINT – HALF-YEARLY EXAMINATION
CLASS XII - ENGLISH CORE
September - 2022**



	Section A Reading Skills	20 marks
1.	Unseen passage to assess comprehension, interpretation and inference. Vocabulary and inference. The passage may be factual, descriptive or literary.	10
2.	Unseen case-based passage with verbal/visual inputs like statistical data, charts, etc. <i>Note: The combined word limit for both the passages will be 700-750 words. Multiple Choice Questions / Objective Type Questions will be asked.</i>	10
3.	SECTION B Creative Writing Skills	20 marks
i.	Notice (choice-1 out of 2) Word limit – 50 (Format: 1 Organisation of Ideas: 1/ Content: 2 /Accuracy of Spelling and Grammar:1).	5
ii.	Formal/Informal Invitation and Reply. (choice-1 out of 2) Word limit – 50 Format 1 / Organisation of Ideas: 1/Content: 2 /Accuracy of Spelling and Grammar: 1).	5
iii.	<ul style="list-style-type: none"> • Application for a job with resume. • Letter to the Editor (giving suggestions or opinions on issues of public interest). Format: 1/ Organisation of Ideas: 1/Content: 2 / Accuracy of Spelling and Grammar:1). (choice-1 out of 2) Word limit 120-150	5
iv	Article -Word limit: 120 – 150 Format: 1/ Organisation of Ideas: 1/Content: 2 / Accuracy of Spelling and Grammar:1).	5
4	SECTION- C LITERATURE	40 Marks

i.	One Poetry extract out of two from the book Flamingo	(6x1=6 Marks)
ii.	One Prose extract out of two from the book Vistas	(4x1=4 Marks)
iii.	One prose extract out of two from the book Flamingo	(6x1=6Marks)
5.	Any 5 out of 6 short answer type questions (from Prose and Poetry from the book Flamingo) Word limit: 40-50 words	(5x2=10 Marks)
6.	Any 2 out of 3 short answer type questions, from Prose (Vistas) Word limit: 40-50 words	(2x2=4 Marks)
7.	Any 1 out of 2 long answer type questions, from Prose/Poetry (Flamingo) Word limit 120 – 150 words	(1x5=5 Marks)
8.	Any 1 out of 2 long answer type questions, based on the chapters from the book Vistas Word limit 120 – 150 words	(1x5=5 Marks)
	Total Marks	80

INDIAN SCHOOL MUSCAT Senior Section Department of English Class 12 English Core Portion for Half Yearly Examination (September 2022)		
Reading and Writing Skills	Literature (Flamingo)	Literature (Vistas)
<ul style="list-style-type: none"> • Reading Comprehension • Notice • Invitations and Reply • Letter to the Editor • Article Writing • Job Application 	<ul style="list-style-type: none"> • Last Lesson • My Mother at Sixty-Six • Lost Spring • Deep Water • Keeping Quiet • A Thing of Beauty 	<ul style="list-style-type: none"> • The Third Level • The Tiger King • Journey to the end of the Earth

Mathew P.J

HoD English



**INDIAN SCHOOL MUSCAT
PHYSICS DEPARTMENT
PORTION FOR THE CLASS-12 (PHYSICS)
HALF- YEARLY EXAMINATION
2022-23**



CLASS	: 12
SUBJECT	: PHYSICS
DURATION OF THE EXAMINATION	: THREE HOURS
TOTAL MARKS	: 70

UNIT/ CHAPTER NO	TOPIC	PAGES FROM - TO	TOTAL MARKS
Chapter-1	Chapter-1 Electric charges and Fields	Page No 1 to 50	20
Chapter-2	Electrostatic potential and Capacitance	Page No 51 to 92	15
Chapter-3	Current Electricity	Page No 93 to 131	15
Chapter-4	Moving charges and Magnetism	Page No 132 to 172	20

QUESTION PAPER PATTERN-

Total number of questions- 37

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
A	Very Short Answer type (22 questions each of 1 Mark) MCQ	22 Marks
B	Case Study (2 Questions, each question carries 4 MCQ each of 1 Mark)	8 Marks
C	Short Answer type-1 (5 questions each of 2 Marks)	10 Marks
D	Short Answer type-2 (5 questions each of 3 Marks)	15 Marks
E	Long Answer Type (3 questions each of 5 Marks)	15 Marks

Composition of question paper-

- Competency Based Questions would be minimum 30% These can be in the form of Multiple Choice Questions, Case based Questions, Source based Integrated Questions or any other types.
- Objective Type Questions will be 20%
- Remaining 50% short answer/long answer questions (as per existing pattern)

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INDIAN SCHOOL MUSCAT
HALF YEARLY EXAMINATION
PORTION



CLASS	XII
SUBJECT	CHEMISTRY
DURATION OF THE EXAMINATION	3 HOURS
TOTAL MARKS	70

UNIT	TOPIC	SUB TOPIC (IF NECESSARY)	PAGES FROM - TO	TOTAL MARKS
1	Solutions		33-62	18
6	Haloalkanes and haloarenes		281-314	14
7	Alcohols, phenols and ethers		315-348	14
10	Biomolecules		403-424	14
8	Aldehydes, ketones and carboxylic acids	Till preparation of aldehydes and ketones	349-356	10

QUESTION PAPER PATTERN/TYOLOGY OF QUESTIONS

Type of Question	Number of Questions	Mark for each question	Total Marks
Assertion & Reasoning	5	1	5
MCQ	10	1	10
Fill in the blanks	5	1	5
VV Short answers	5	1	5
V Short answers	7	2	14
Short answers	7	3	21
Long answer	1	5	5
Case Study Question	1	5	5

OTHER INSTRUCTIONS

There are internal choices in two 1 mark questions, two 2 marks questions, two 3 marks questions and in one 5 marks question.

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INDIAN SCHOOL MUSCAT
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION 2022



CLASS	: XII
SUBJECT	: BIOLOGY
DURATION OF THE EXAMINATION	: 3 HOURS
TOTAL MARKS	: 70

UNIT	TOPIC	PAGES FROM - TO	TOTAL MARKS
VI. REPRODUCTION	Chapter 2 : Sexual Reproduction in Flowering Plants Chapter 3 : Human Reproduction Chapter 4 : Reproductive Health		30
VII GENETICS AND EVOLUTION	Chapter 5 : Principles of Inheritance and Variation Chapter 6 : Molecular Basis of Inheritance Chapter 7 : Evolution	95- 117	40

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
A	1 MARK	22
B	2 MARK	18
C	3 MARK	15
D	5 MARK	15

OTHER INSTRUCTIONS

There is no overall choice. However, internal choices have been provided in some questions. A student has to attempt only one of the alternatives in such questions.

Wherever necessary, neat and properly labeled diagrams should be drawn.

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INDIAN SCHOOL MUSCAT
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION 2022



CLASS	: 12
SUBJECT	: MATHEMATICS
DURATION OF THE EXAMINATION	: 3 Hours
TOTAL MARKS	: 80

Sr. No.	UNIT NAME	Chapter number as per NCERT Textbook	TOTAL MARKS
1.	Relation and Functions	Chapter 1 and 2	15
2.	Matrices and Determinants	Chapter 3 and 4	20
4.	Calculus	Chapter 5, 6 and 7. Note: Chapter 7 will come till exercise 7.7, exercise 7.7 is included.	45
	Total		80

QUESTION PAPER PATTERN/TYOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	Number of questions	Marks for each question	Total
Section – A	Multiple choice, Blanks, True False and Source Based	20	1	20
Section – B	Very short answer questions	5	2	10
Section – C	Short answer questions	8	3	24
Section – D	Case Based Questions	2	4	08
Section – E	Long answer questions	3	6	18
		38		80

OTHER INSTRUCTIONS

Students will have to attempt all questions however there will be internal choice in some of the questions.

Gurpreet Singh

HOD MATHEMATICS



INDIAN SCHOOL MUSCAT
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION 2022



CLASS	: 12
SUBJECT	: APPLIED MATHEMATICS
DURATION OF THE EXAMINATION	: 3 Hours
TOTAL MARKS	: 80

Sr. No.	UNIT NAME	Chapters as per CBSE Handbook	TOTAL MARKS
1.	Numbers, Quantification and Numerical Applications	Chapter 1	17
2.	Algebra (Matrices and Determinants)	Chapter 2	16
3.	Calculus	Chapter 3a	12
4.	Probability Distributions	Chapter 4	16
5.	Inferential Statistics	Chapter 5	11
6.	Time Based Data	Chapter 6 Index numbers is not in syllabus	8
	Total		80

QUESTION PAPER PATTERN/TYOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	Number of questions	Marks for each question	Total
Section – A	Multiple choice, Blanks, True False and Source Based	20	1	20
Section – B	Very short answer questions	5	2	10
Section – C	Short answer questions	8	3	24
Section – D	Case Based Questions	2	4	08
Section – E	Long answer questions	3	6	18
		38		80

OTHER INSTRUCTIONS

Students will have to attempt all questions however there will be internal choice in some of the questions.

Gurpreet Singh

HOD MATHEMATICS

INDIAN SCHOOL MUSCAT
Department of Commerce and Humanities
Portions for Examination and Blue Print

HALF YEARLY EXAMINATION – SEPTEMBER - 2022

CLASS – XII

ACCOUNTANCY – (055)

Total Marks: 80

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
Accounting for Partnership	80

BLUE PRINT

Units	UNIT NAME	Total
Unit 1	Partnership Fundamentals	15
	Change in Profit Sharing ratio	10
	Admission of a partner	15
	Retirement of a Partner	15
	Death of a Partner	10
	Dissolution of a partner	15
	Total Marks (No of questions inside bracket)	80(32)

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (MCQ, Fill in the Blanks, True/False, Source Based)	20	20
3 Marks (SA – I)	2	6
4 Marks (SA –II) (1 Question – Case Based)	5	20
6 Marks (LA – I)	3	18
8 Marks (LA –II)	2	16

BUSINESS STUDIES – (054)

Total Marks: 80

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
1. Nature and Significance of Management 2. Principles of management 3. Business Environment 4. Planning 5. Organising 6. Staffing 7. Directing 8. Controlling	80

BLUE PRINT

Units/ Chap	UNIT NAME	Total
1.	Nature and Significance of Management	6
2.	Principles of Management	13
3.	Business Environment	7
4.	Planning	10
5.	Organising	12
6.	Staffing	13
7.	Directing	12
8.	Controlling	7
	Total Marks (No of questions inside bracket)	80(34)

QUESTION PAPER PATTERN/TYPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No, of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	20	20
3 Marks (SA –I)	5	15
4 Marks (SA –II) (Case Based)	3	12
5 Marks (LA-I)	3	15
6 Marks (LA – II)	3	18

ECONOMICS – (030)

Total Marks: 80

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
MACROECONOMICS Money and Banking Government Budget and the Economy National Income and Related Aggregates (up to - Circular flow of Income)	80
INDIAN ECONOMIC DEVELOPMENT Development Experience (1947-90) and Economic Reforms since 1991: <ul style="list-style-type: none">• Indian Economy on the eve of Independence• Indian Economy (1950-90)• Liberalisation, Privatisation and Globalisation : An Appraisal• Human Capital Formation	

BLUE PRINT

Units/ Chap	UNIT NAME	Total
	MACROECONOMICS	**
2.	Money and Banking	13
4.	Government Budget and the Economy	17
1.	National Income and Related Aggregates (up to - Circular flow of Income)	10
	INDIAN ECONOMIC DEVELOPMENT	
1.	Indian Economy on the eve of Independence	05
2.	Indian Economy (1950-90)	10
3.	Liberalisation, Privatisation and Globalisation : An Appraisal	13
4.	Human Capital Formation	12
	Total (No of questions inside bracket)	80(34)

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	20	20
3 Marks (SA –I)	4	12
4 Marks (SA –II) (Case Based)	6	24
6 Marks (LA – II)	4	24

ENTREPRENEURSHIP – (066)

Total Marks: 70

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
1. Entrepreneurial opportunity 2. Enterprise planning 3. Enterprise Marketing Strategy 4. Enterprise Growth Strategy	70

BLUE PRINT

Units	UNIT NAME	TOTAL
1	Entrepreneurial opportunity	15
2	Enterprise planning	18
3	Enterprise Marketing Strategy	23
4	Enterprise Growth Strategy	14
	Total Marks (No of questions inside bracket)	70(34)

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	17	17
2 Marks (SA)	7	14
3 Marks (SA –I)	5	15
4 Marks (SA –II) (Case Based)	3	12
6 Marks (LA – II)	2	12

PSYCHOLOGY – (037)

Total Marks: 70

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
1. Variations in Psychological attributes 2. Self and Personality 3. Meeting Life challenges 4. Psychological disorders	70

BLUE PRINT

Units	UNIT NAME	TOTAL
1	Variations in Psychological attributes	15
2	Self and Personality	20
3	Meeting Life challenges	15
4	Psychological disorders	20
	Total Marks (No of questions inside bracket)	70 (28)

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	10	10
2 Marks (SA)	6	12
3 Marks (SA –I)	4	12
4 Marks (SA –II) (Case Based)	6	24
6 Marks (LA – II)	2	12

SOCIOLOGY – (039)

Total Marks: 80

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
Ch-1 Demographic structure of India	80
Ch-2 Social Institutions-continuity and change	
Ch-3 Patterns of social inequality and exclusions	
Ch-4 Challenges of cultural diversity	
Ch-5 Structural Change	

BLUE PRINT

Units	UNIT NAME	Total
1	Demographic structure of India	15
2	Social Institutions-continuity and change	15
3	Patterns of social inequality and exclusions	20
4	Challenges of cultural diversity	20
5	Structural Change	10
	Total (No of questions inside bracket)	80(38)

QUESTION PAPER PATTERN/TYPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	20	20
2 Marks (SA)	9	18
4 Marks (SA –II) (Case Based)	6	24
6 Marks (LA – II)	3	18

BUSINESS ADMINISTRATION – (833)

Total Marks: 70

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
PART A: EMPLOYABILITY SKILLS	
Unit 2: Self-Management Skills	10
PART B: SUBJECT SKILLS	
Unit- 1 Introduction To Management	50
Unit- 2 Concept Of Management	
Unit- 3 Functions Of Management	
Unit- 4 Communication	
Unit- 5 Motivation	
TOTAL	60

BLUE PRINT

Units	UNIT NAME	Total
1.	Self-Management Skills	10
1.	Introduction To Management	12
2.	Concept Of Management	12
3.	Functions Of Management	12
4.	Communication	07
5.	Motivation	07
	Total (No of questions inside bracket)	60(30)

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	14	14
2 Marks (SA)	8	16
3 Marks (SA –II) (Case Based)	5	15
5 Marks (LA – II)	3	15

MARKETING – (812)

Total Marks: 60

Time Allotted: 03 hours

PORTION FOR EXAMINATION

Chapter /Unit Name	Marks
PART A: EMPLOYABILITY SKILLS (10 MARKS) Unit 2: Self-Management Skills	10
PART B: SUBJECT SKILLS (50 MARKS) Unit - 1 Product Unit - 2 Price Unit - 3 Place	50
TOTAL	60

BLUE PRINT

SN	UNIT NAME	Total
1	Unit 2: Self-Management Skills	10
2	Unit-1 Product	16
3	Unit - 2 Price	16
4	Unit - 3 Place	18
	Total (No of questions inside bracket)	60(30)

QUESTION PAPER PATTERN/TYPOLOGY OF QUESTIONS

TYPE OF QUESTIONS	No. of Questions	TOTAL MARKS
1 Mark (VSA) (MCQ, Fill in the Blanks, True/False, Source Based)	14	14
2 Marks (SA)	8	16
3 Marks (SA –II) (Case Based)	5	15
5 Marks (LA – II)	3	15



INDIAN SCHOOL MUSCAT
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION



CLASS	: XII
SUBJECT	: COMPUTER SCIENCE
DURATION OF THE EXAMINATION	: 3 HRS
TOTAL MARKS	:70

UNIT	TOPIC	SUB TOPIC (IF NECESSARY)	PAGES FROM - TO	TOTAL MARKS
1	Revision of Class XI	Full chapter		15
1	Functions	Full chapter		10
1	File Handling	Full chapter		25
1	Data Structures	Stacks		06
3	Database management	Database concepts,Relational Database,Structured Query Language (Upto and including SELECT command)		14
Total				70

QUESTION PAPER PATTERN/TYOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
Revision of Class XI	1 mark questions(3), 2 mark questions(3), 3 mark questions(2)	15
Functions	1 mark questions(3), 2 mark questions(2), 3 mark questions(1)	10
File Handling	1 mark questions(2), 2 mark questions(3), 3 mark questions(4), 5 mark questions-Case based(1)	25
Data Structures - Stack	1 mark question(1), 5 mark questions(1)	06
Database management	1 mark question(1),2 mark questions(4), 5 mark questions(1)	14
Total		70

OTHER INSTRUCTIONS

Seema Janesh

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INDIAN SCHOOL MUSCAT
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION



CLASS	: XII
SUBJECT	: INFORMATICS PRACTICES
DURATION OF THE EXAMINATION	: 3 HRS
TOTAL MARKS	:70

UNIT	TOPIC	SUB TOPIC (IF NECESSARY)	PAGES FROM - TO	TOTAL MARKS
4	Societal impacts	Full chapter		5
3	Introduction to computer networks	Web Browser Internet and web		18
1	Data Handling using Pandas, numpy	Data Handling – Series Data Frame- Pandas I and II		20 27
Total				70

QUESTION PAPER PATTERN/TYOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
Social Impacts	1 mark questions(5),	5
Web Browser	1 mark Questions(5), 2 mark question(2)	9
Internet and Web	1 mark Questions(5), 2 mark question(2)	9
Python Series	1 mark Questions(10), 2 mark questions(5)	20
Python Pandas- Data Frame 1 and II	1 mark questions(10), 2 mark questions(6), 5 mark Case based question (1)	27
Total		70

OTHER INSTRUCTIONS

Seema Janesh

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INDIAN SCHOOL MUSCAT
SENIOR SECTION
PORTION FOR THE EXAMINATION
HALF YEARLY EXAMINATION-2022



CLASS	: XII
SUBJECT	: INFORMATION TECHNOLOGY (CODE-802)
DURATION OF THE EXAMINATION	: 3 Hours
TOTAL MARKS	: 60

UNIT	TOPIC	SUB TOPIC (IF NECESSARY)	PAGES FROM - TO	TOTAL MARKS
1	Database Concepts – RDBMS Tool	Full Unit	1 - 47	30
2	Operating Web Based Applications	Full Unit	48 - 80	12
3	Fundamentals of Java programming	Fundamentals of Java programming, Introduction to Java, Object Oriented Programming, Java Language Elements, Operators, Conditional Statements Control Flow(while,do..while and for loops)	81 - 108	18

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
Database Concepts- RDBMS Tools	15* 1 Mark(Very Short Answer/MCQ/Fill in the blanks) = 15 4 * 2 Marks(Short Answer) = 8 1 * 3 Marks(Long Answer) = 3 1 * 4 Marks(Long Answer- Case based) = 4	30
Operating Web Based Applications	5 * 1 Mark(Very Short Answer/MCQ/Fill in the blanks) = 5 2* 2 Marks(Short Answer) = 4 1* 3 Marks(Long Answer) = 3	12
Fundamentals of Java programming	3 * 1 Mark(Very Short Answer/MCQ/Fill in the blanks) = 3 2 * 2 Marks(Short Answer) = 4 1*3 Marks(Long Answer) = 3 2 * 4 Marks(Long answer) = 8	18
		60

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INDIAN SCHOOL MUSCAT

PORTION FOR THE EXAMINATION HALF YEARLY EXAMINATION-SEPT 2022



CLASS	: XII
SUBJECT	: PAINTING
DURATION OF THE EXAMINATION	: 2 hours
TOTAL MARKS	: 30

UNIT	TOPIC	SUB TOPIC (IF NECESSARY)	PAGES FROM - TO	TOTAL MARKS
1	Chapter 1- Rajasthani School of Miniature Painting	<ul style="list-style-type: none">• Origin & Development• Features of Rajasthani paintings• Study of 5 paintings	-	15
	Chapter 2- Pahari School of Miniature Painting	<ul style="list-style-type: none">• Origin & Development• Features of Pahari paintings• Study of 2 paintings	-	
2	Chapter 1- Mughal School of Miniature Painting	<ul style="list-style-type: none">• Origin & Development• Features of Mughal Paintings• Study of 4 paintings	-	15
	Chapter 2- Deccan School of Miniature Painting	<ul style="list-style-type: none">• Origin & Development• Features of Deccan paintings• Study of 2 paintings	-	

QUESTION PAPER PATTERN/TPOLOGY OF QUESTIONS

SECTION	TYPE OF QUESTIONS	TOTAL MARKS
Section: A	MCQ & Objective type questions	9
Section: B	Case based & Source based questions	6
Section: C	Short answer type – Evaluation based questions – 100 words	9
Section: D	Long answer type - 200 words	6

OTHER INSTRUCTIONS

All sections are compulsory.

There will be internal choices in some sections.

Duration of the exam will be 2 hours.