



آغا خان یونیورسٹی ایگزامینیشن بورڈ

AGA KHAN UNIVERSITY EXAMINATION BOARD

## **Exam Specifications for SSC Part I**

**Annual and Re-sit Examinations 2023 onwards**

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**Introduction:**

As a result of continued uncertainty and staggered opening of schools due to the COVID-19 outbreak, the Aga Khan University Examination Board (AKU-EB) implemented the rationalised examination specifications (MCQs only) in all subjects of SSC and HSSC Annual and Re-sit Examinations of 2021 and 2022 except that of English Compulsory, Urdu Compulsory, Urdu Aasan, Literature in English, Sindhi, Fine Arts and Art and Model Drawing.

However, for the examination year 2023 and onwards, AKU-EB will revert to the original Examination Specifications with changes in the mark distribution in MCQs, CRQs, and ERQs. As a result, for the Examination year 2023 and onwards:

1. All topics will be assessed.
2. Practical examination will take place, as per practice before rationalisation.
3. The distribution of marks among MCQs, CRQs and ERQs have been revised.

The revision in distribution of marks among MCQs, CRQs and ERQs has been done on the basis of analysis of students' performance in MCQ-based papers and following international best practices of using various question types to ensure reliability, validity and fairness.

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# Compulsory Subjects

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## Annual and Re-sit Examinations 2023 onwards

### English Compulsory SSC Part I

The English Compulsory Exam for SSC Part I will consist of two papers of 75 marks in total. Paper I will have 30 multiple choice questions to be answered in 60 minutes (1 hour). Paper II will consist of constructed response questions and two extended response essay type questions worth 45 marks to be attempted in 120 minutes (2 hours).

#### Paper I

**30 marks**

Paper I will have three separate sections:

- Listening comprehension section will be of 13 marks. It will be of 25 minutes duration which includes the time for listening to the recorded passages. This part will consist of two passages having 6 and 7 MCQs.
- Reading comprehension section will be of 13 marks and 25 minutes long. This part will consist of two passages having 6 and 7 MCQs.
- Grammar section will be of 4 marks and 10 minutes long. This part will consist of 4 MCQs based on a Cloze Passage where accuracy of tenses, subject-verb agreement, adverbs, modal verbs and prepositions will be checked.

#### Paper II

**45 marks**

This paper will be of 45 marks with the following tasks and marks allocation:

- A reading passage followed by constructed response questions 17 marks
- Informal letter OR informal email (a choice of any ONE of the two) 10 marks
- Essay writing (a choice of any ONE of three descriptive and narrative essays) 18 marks

The candidates will be asked to give an elaborate response to the essay question. Their responses to the writing composition questions will be marked against the given tasks. Rote memorization and reproduction of irrelevant details will be discouraged. Responses will be marked for their content relevance, structure, vocabulary, expression and overall impression.

(Students should **NOT** mention their names, names of their schools or any other form of identification anywhere in the examination paper)

## Annual and Re-sit Examinations 2023 onwards

### Urdu Compulsory SSC Part I

اُردو لازمی کا امتحان دو پرچوں پر مشتمل ہو گا جن کے کل نمبر 75 ہوں گے پرچہ اول میں 30 نمبر کے کثیر الانتخابی سوالات ہوں گے جن کے جوابات 50 منٹ میں دینے ہوں گے۔ پرچہ دوم 5 موضوعی / تحریری مختصر / فن تحریر سے متعلق سوالات پر مشتمل ہو گا اور جن کے نمبر 45 ہوں گے، ان سوالات کے جوابات 130 منٹ میں دینے ہوں گے۔ اس طرح یہ امتحانی پرچہ 180 منٹ پر مشتمل ہو گا۔

#### تفصیل پرچہ اول:

مندرجہ ذیل حصوں اور نمبروں کی تخصیص کے ساتھ یہ پرچہ 30 نمبر کا ہو گا۔

<p>☆ سمعی تفہیم کا پرچہ 16 نمبر کا ہو گا جس کا دورانیہ 25 منٹ کا ہو گا۔ جس میں ریکارڈڈ (Recorded) اقتباسات کو سننے کا وقت شامل ہے۔ اس حصے میں دو سمعی اقتباسات ہوں گے (جو مجموعہ نظم و نثر سے نہیں لیے گئے ہوں گے) جس میں 16 کثیر الانتخابی سوالات ہوں گے۔</p> <p>(16 نمبر)</p>	<p>سننے کی مہارت</p>
<p>☆ تفہیمی خواندگی کی عبارت / حصہ نثر 14 نمبر کا ہو گا جس کا دورانیہ 25 منٹ ہو گا۔ اس حصے میں دو تفہیمی اقتباسات ہوں گے جو مجموعہ نظم و نثر میں شامل ادب و شعر کی ان تحقیقات پر مشتمل ہوں گے جو شامل نصاب نہیں (مجموعہ نظم و نثر سے نہیں لیے جائیں گے)۔ منتخب کردہ اقتباسات سے چودہ (14) کثیر الانتخابی سوالات پوچھیں جائیں گے۔</p> <p>(14 نمبر)</p>	<p>پڑھنے کی مہارت</p>

#### تفصیل پرچہ دوم:

مندرجہ ذیل حصوں اور نمبروں کی تخصیص کے ساتھ یہ پرچہ 45 نمبر کا ہو گا۔

<p>☆ حصہ نثر:</p> <p>مرکزی خیال، خصوصیات تحریر / عنوانات کے تعلیمی مقاصد پر مبنی سوالات</p> <p>☆ حصہ نظم:</p> <p>جس کے سوالات مرکزی خیال، شاعر کی خصوصیات، اصطلاحات، اشعار اور بند کے مفہوم پر مبنی ہوں گے۔</p> <p>(7 نمبر)</p> <p>(8 نمبر)</p>	<p>پڑھنے کی مہارت</p> <p>از</p> <p>مجموعہ نظم و نثر</p>
<p>☆ تبصرہ نگاری / خلاصہ نگاری</p> <p>☆ فن تحریر / تخلیقی تحریر: کسی ایک نفس مضمون (theme) کے تحت کہانی / تصویری کہانی / روداد نویسی / مکالمات، اصناف میں سے دو اصناف دی جائیں گی جن میں سے کسی ایک صنف پر طالب علم کو لکھنے کا حق حاصل ہو گا۔</p> <p>(7 نمبر)</p> <p>(15 نمبر)</p> <p>(8 نمبر)</p>	<p>لکھنے کی مہارت</p> <p>☆ غیر رسمی خط</p>

## Annual and Re-sit Examinations 2023 onwards

### Urdu Aasan SSC Part I

اُردو آسان کا امتحان دو پرچوں پر مشتمل ہو گا جن کے کل نمبر 75 ہوں گے۔ پرچہ اول میں 30 نمبر کے کثیر الانتخابی سوالات ہوں گے جن کے جوابات 50 منٹ میں دینے ہوں گے۔ پرچہ دوم 5 موضوعی و تحریری 'مجموعہ نظم و نثر' اردو ادب (نصابی کتاب): مختصر اُردو و ضاحتی جواب، زبان شناسی و قواعد، تخلیقی تحریر: مضمون، کہانی و مکالمہ اور مہارتِ حیات: مکتوب نگاری و درخواست نویسی سے متعلق سوالات پر مشتمل ہو گا اور جن کے نمبر 45 ہوں گے ان سوالات کے جوابات 130 منٹ میں دینے ہوں گے۔ اس طرح مجموعی طور پر یہ امتحان 180 منٹ پر مشتمل ہو گا۔

#### تفصیل پرچہ اول:

درج ذیل حصوں اور نمبروں کی تخصیص کے ساتھ یہ پرچہ 30 نمبر اور 50 منٹ کا ہو گا۔

<p>☆ سمعی تفہیم کا امتحان 16 نمبر کا ہو گا۔ اس کا دورانیہ 25 منٹ ہو گا جس میں محفوظ شدہ (Recorded) اقتباسات (آواز) کو سننے کا وقت شامل ہے۔ اس حصے میں دو سمعی اقتباسات ہوں گے جو کہ مجموعہ نظم و نثر سے نہیں لیے گئے ہوں گے۔ اس حصے میں 16 کثیر الانتخابی سوالات ہوں گے۔ ہر اقتباس 08 کثیر الانتخابی سوالات پر مبنی ہو گا۔ (16 نمبر)</p>	<p>سننے کی مہارت</p>
<p>☆ تفہیمی خواندگی کا امتحان 14 نمبر کا ہو گا۔ اس کا دورانیہ 25 منٹ ہو گا جس میں دو خوانی اقتباسات 'نثر' برائے تفہیم ہوں گے جو مجموعہ نظم و نثر میں شامل ادب و شعر کی ان تخلیقات پر مشتمل ہوں گے جو کہ مجموعہ نظم و نثر کا حصہ نہیں ہیں۔ منتخب کردہ اقتباسات سے 14 کثیر الانتخابی سوالات پوچھیں جائیں گے۔ ہر تفہیمی اقتباس 07 کثیر الانتخابی سوالات پر مبنی ہو گا۔ (14 نمبر)</p>	<p>پڑھنے کی مہارت</p>

#### تفصیل پرچہ دوم:

درج ذیل حصوں اور نمبروں کی تخصیص کے ساتھ یہ پرچہ 45 نمبر اور 130 منٹ کا ہو گا۔

<p>☆ حصہ نثر: (10 نمبر)</p> <p>☆ حصہ نظم: (10 نمبر)</p> <p>(توجہ فرمائیے! حاصلاتِ تعلیم کے تناظر میں سوالات ترتیب دیے جائیں گے۔)</p>	<p>مجموعہ نظم و نثر</p> <p>'اردو ادب' (نصابی کتاب)</p>
<p>☆ دیے گئے الفاظ، مرکبات، محاورات اور جملوں کو ہدایات کے مطابق ترتیب و تبدیل اور تخلیق دینا ہو گا۔ (07 نمبر)</p>	<p>زبان شناسی</p>
<p>☆ مضمون نگاری کے حوالے سے دو عنوانات دیے جائیں گے جن میں سے ایک عنوان پر مضمون لکھنا ہو گا۔</p> <p style="text-align: center;">یا</p> <p>☆ کہانی نویسی اور مکالمہ نگاری کے حوالے سے ایک تصویری خاکہ دیا جائے گا جس کے جزئیات کو ملحوظ رکھتے ہوئے کہانی یا مکالمہ تحریر کرنا ہو گا۔</p> <p>(توجہ فرمائیے! مذکورہ بالا اصناف میں سے کسی بھی ایک صنف و عنوان پر تحریر قلم بند کرنے کے انتخاب کا حق حاصل ہو گا۔)</p>	<p>تخلیقی تحریر</p> <p>انشا پر دازی:</p> <p>مضمون، کہانی و مکالمہ</p>
<p>(10 نمبر)</p>	<p>مہارتِ حیات:</p>
<p>☆ مکتوب نگاری (غیر رسمی خط) یا درخواست نویسی کے حوالے سے کوئی ایک موضوع دیا جائے گا۔ (08 نمبر)</p>	<p>مکتوب نگاری و درخواست نویسی</p>

## Annual and Re-sit Examinations 2023 onwards

### Pakistan Studies SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Ideological Basis of Pakistan	3	Total 3 Marks (1 CRQ)		6
2.	Historical Background 1857-1935	2			2
3.	Emergence of Pakistan	7	Total 3 Marks (1 CRQ)	6 Marks Choose any ONE from TWO	29
5.	Resources of Pakistan	9	Total 4 Marks (1 CRQ)		
4.	Land, Climate and Environment of Pakistan	9	Total 4 Marks (1 CRQ)		
<b>Total</b>		<b>30</b>	<b>14</b>	<b>6</b>	<b>50</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.



**Annual and Re-Sit Examinations 2023 onwards**

**Islamiyat SSC Part I**

Total Marks	Marks Distribution			Topics	Topic No.
	ERQs	CRQs	MCQs		
16		Total 5 Marks (1 CRQ)	11	قرآن مجید	1.
10		Total 4 Marks (1 CRQ)	6	حدیث شریف	2.
21	6 Marks Choose any ONE from TWO	Total 5 Marks (1 CRQ)	10	موضوعاتی مطالعہ	3.
3			3	ہدایت کے سرچشمے / مشاہیر اسلام	4.
<b>50</b>	<b>6</b>	<b>14</b>	<b>30</b>	<b>کل</b>	

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

## Annual and Re-sit Examinations 2023 onwards

### Ethics SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Introduction to Ethics	7	Total 4 Marks (1 CRQ)		11
2.	Major Religions of the World	10	Total 4 Marks (1 CRQ)	6 Marks Choose any ONE from TWO	39
3.	Values and Etiquettes	13	Total 6 Marks (2 CRQs)		
<b>Total</b>		<b>30</b>	<b>14</b>	<b>6</b>	<b>50</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

# Science Elective Subjects

Annual and Re-sit Examinations 2023 onwards

## Annual and Re-Sit Examinations 2023 onwards

### Physics SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Physical Quantities and Measurement	4	Total 2 Marks (1 CRQ)		6
2.	Kinematics	5		6 Marks Choose any ONE from TWO	16
3.	Dynamics	5			
4.	Turning Effect of Forces	4	Total 3 Marks (1 CRQ)		7
5.	Gravitation	4	Total 2 Marks (1 CRQ)		6
6.	Work and Energy	5		6 Marks Choose any ONE from TWO	16
7.	Properties of Matter	5			
8.	Thermal Properties of Matter	4	Total 3 Marks (1 CRQ)		7
9.	Transfer of Heat	4	Total 3 Marks (1 CRQ)		7
<b>Total</b>		<b>40</b>	<b>13</b>	<b>12</b>	<b>65</b>
<b>Practical*</b>					<b>10</b>
<b>Total</b>					<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

**\*Practical:**

- Practical examination will be conducted separate from the theory paper.
- Practical examination will be based on the list of practical activities given in the examination syllabus. Schools may design their own practical manuals based on these activities.
- Practical journal/ portfolio should be developed by students and endorsed by a figure of authority, such as a teacher or principal, and submitted at the time of the practical examination.
- It is essential for each school to equip its laboratories with chemicals, instruments, apparatus, specimens etc. according to the requirements of the practical activities. Each school will be responsible to make sure that each student is provided the opportunity to do the practical activities.

## Annual and Re-Sit Examinations 2023 onwards

### Biology SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Introduction to Biology	2	Total 2 Marks (1 CRQ)		4
2.	Solving a Biological Problem	2	Total 3 Marks (1 CRQ)		5
3.	Biodiversity	4	Total 3 Marks (1 CRQ)		7
4.	Cells and Tissues	6		6 Marks Choose any ONE from TWO	18
7.	Bioenergetics	6			
5.	Gaseous Exchange	5	Total 3 Marks (1 CRQ)		8
6.	Enzymes	3	Total 2 Marks (1 CRQ)		5
8.	Nutrition and Digestion	6		6 Marks Choose any ONE from TWO	18
9.	Transport	6			
<b>Total</b>		<b>40</b>	<b>13</b>	<b>12</b>	<b>65</b>
<b>Practical*</b>					<b>10</b>
<b>Total</b>					<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

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- It is essential for each school to equip its laboratories with chemicals, instruments, apparatus, specimens etc. according to the requirements of the practical activities. Each school will be responsible to make sure that each student is provided the opportunity to do the practical activities.

## Annual and Re-Sit Examinations 2023 onwards

### Chemistry SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Fundamentals of Chemistry	5		6 Marks Choose any ONE from TWO	16
6.	Solutions	5			
2.	Atomic Structure	5	Total 3 Marks (1 CRQ)		8
3.	Periodic Table and Periodicity	5	Total 3 Marks (1 CRQ)		8
5.	States of Matter	5	Total 3 Marks (1 CRQ)		8
4.	Structure of Molecules	5		6 Marks Choose any ONE from TWO	16
7.	Electrochemistry	5			
8.	Chemical Reactivity	5	Total 4 Marks (1 CRQ)		9
<b>Total</b>		<b>40</b>	<b>13</b>	<b>12</b>	<b>65</b>
<b>Practical*</b>					<b>10</b>
<b>Total</b>					<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

**\*Practical:**

- Practical examination will be conducted separate from the theory paper.
- Practical examination will be based on the list of practical activities given in the examination syllabus. Schools may design their own practical manuals based on these activities.
- Practical journal/ portfolio should be developed by students and endorsed by a figure of authority, such as a teacher or principal, and submitted at the time of the practical examination.
- It is essential for each school to equip its laboratories with chemicals, instruments, apparatus, specimens etc. according to the requirements of the practical activities. Each school will be responsible to make sure that each student is provided the opportunity to do the practical activities.

**Annual and Re-Sit Examinations 2023 onwards**

**Mathematics SSC Part I**

Topic No.	Topics	Marks Distribution		Total Marks
		MCQs	CRQs	
1.	Sets and Functions	6	Total 3 Marks (1 CRQ)	9
2.	Real and Complex Numbers	4		4
3.	Logarithms	5	Total 3 Marks (1 CRQ)	8
4.	Algebraic Expressions and Algebraic Formulae	6	Total 4 Marks Choose any ONE from TWO	10
5.	Factorisation	7	Total 4 Marks Choose any ONE from TWO	11
6.	Variations	4	Total 3 Marks (1 CRQ)	7
7.	Matrices and Determinants	6	Total 4 Marks (1 CRQ)	10
8.	Practical Geometry-Triangles		Total 3 Marks (1 CRQ)	3
9.	Congruent Triangles	7	Total 6 Marks Choose any TWO from THREE	13
10.	Parallelograms and Triangles			
11.	Line Bisectors and Angle Bisectors			
12.	Sides and Angles of a Triangle			
13.	Application of Ratio and Proportion in Geometrical Theorems			
<b>Total</b>		<b>45</b>	<b>30</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.

**Annual and Re-Sit Examinations 2023 onwards**

**Computer Science SSC Part I**

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Basics of Computer	11		6 Marks Choose any ONE from TWO	17
2.	Basics of Operating System	5	Total 4 Marks (1 CRQ)		9
3.	Office Automation I (MS Word 2007 or Above)	4			4
4.	Fundamentals of Data Communication	7	Total 2 Marks (1 CRQ)	6 Marks Choose any ONE from TWO	24
5.	Fundamentals of Computer Networks	7	Total 2 Marks (1 CRQ)		
6.	World Wide Web (WWW) and Hyper Text Markup Language (HTML)	6	Total 5 Marks (1 CRQ)		11
<b>Total</b>		<b>40</b>	<b>13</b>	<b>12</b>	<b>65</b>
<b>Practical*</b>					<b>10</b>
<b>Total</b>					<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

**\*Practical:**

- Practical examination will be conducted separate from the theory paper.
- Practical examination will be based on the list of practical activities given in the examination syllabus. Schools may design their own practical manuals based on these activities.
- Practical journal/ portfolio should be developed by students and endorsed by a figure of authority, such as a teacher or principal, and submitted at the time of the practical examination.
- It is essential for each school to equip its laboratories with chemicals, instruments, apparatus, specimens etc. according to the requirements of the practical activities. Each school will be responsible to make sure that each student is provided the opportunity to do the practical activities.



# **Humanities Elective Subjects**

Annual and Re-sit Examinations 2023 onwards

## Annual and Re-Sit Examinations 2023 onwards

### General Science SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	History and Nature of Science	3	Total 3 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	17
4.	Population and Environment	3	Total 3 Marks (1 CRQ)		
2.	Our Life and Chemistry	8	Total 4 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	32
3.	Human Health, Diseases and Preventions	8	Total 4 Marks (1 CRQ)		
			Total 3 Marks (1 CRQ)		
5.	Energy Sources	6	Total 4 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	26
6.	Electricity in Everyday Life	7	Total 4 Marks (1 CRQ)		
<b>Total</b>		<b>35</b>	<b>25</b>		<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

## Annual Examinations 2023 onwards

### Food and Nutrition SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Introduction to the study of Food and Nutrition	8	Total 3 Marks (1 CRQ)		11
2.	Energy and Nutrients	10	Total 3 Marks (1 CRQ)	6 Marks Choose any ONE from TWO	28
3.	Balanced Diet	6	Total 3 Marks (1 CRQ)		
4.	Nutrient Composition	8	Total 2 Marks (1 CRQ)	6 Marks Choose any ONE from TWO	26
5.	Preparation and Cooking	8	Total 2 Marks (1 CRQ)		
<b>Total</b>		<b>40</b>	<b>13</b>	<b>12</b>	<b>65</b>
<b>Practical*</b>					<b>10</b>
<b>Total</b>					<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

#### \*Practical:

- Practical examination will be conducted separate from the theory paper.
- Practical examination will be based on the list of practical activities given in the examination syllabus. Schools may design their own practical manuals based on these activities.
- Practical journal/ portfolio should be developed by students and endorsed by a figure of authority, such as a teacher or principal, and submitted at the time of the practical examination.
- It is essential for each school to equip its laboratories with chemicals, instruments, apparatus, specimens etc. according to the requirements of the practical activities. Each school will be responsible to make sure that each student is provided the opportunity to do the practical activities.

**Annual Examinations 2023 onwards**

**Elements of Home Economics SSC Part I**

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1	Introduction to Home Economics	4	Total 4 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	17
7	Behavioral Problems of Children	4			
2	Introduction to Food and Nutrition	6	Total 4 Marks (1 CRQ)		10
3	Understanding of Food and Diet	4	Total 3 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	21
4	Food Preparation	5	Total 4 Marks (1 CRQ)		
6	Developmental Characteristics	4	Total 4 Marks (1 CRQ)		8
5	Introduction to Child Care and Development	4	Total 3 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	19
8	Role of Family and Community in Human Development	4	Total 3 Marks (1 CRQ)		
<b>Total</b>		<b>35</b>	<b>25</b>	<b>15</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

## Annual Examinations 2023 onwards

### Environmental Studies SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Fundamentals of Environmental Studies	4	Total 3 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	21
2.	Our Planet – Earth	5	Total 4 Marks (1 CRQ)		
3.	Ecosystem	10	Total 4 Marks (1 CRQ)	5 Marks Choose any ONE from TWO	19
4.	Population Growth, Development and Environment	5	Total 4 Marks (1 CRQ)		9
5.	Air, Water and Land Pollution	6	Total 6 Marks (2 CRQs)	5 Marks Choose any ONE from TWO	26
6.	Noise and Radiation Pollution	5	Total 4 Marks (1 CRQ)		
<b>Total</b>		<b>35</b>	<b>25</b>	<b>15</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

# Annual and Re-Sit Examinations 2023 onwards

## General Mathematics SSC Part I

Topic No.	Topics	Marks Distribution		Total Marks
		MCQs	CRQs	
1.	Percentage, Ratio and Proportion	8	Total 3 Marks Choose any ONE from TWO	11
2.	<i>Zakat, Ushr</i> and Inheritance			
3.	Business Mathematics	5	Total 4 Marks (1 CRQ)	9
4.	Sets and Functions	5	Total 3 Marks (1 CRQ)	8
5.	Exponents and logarithms	7	Total 3 Marks (1 CRQ)	10
6.	Algebraic Formulae and Applications	6	Total 4 Marks (1 CRQ)	10
7.	Factorisation	5	Total 4 Marks Choose any ONE from TWO	9
8.	Linear Graphs	3	Total 3 Marks (1 CRQ)	6
9.	Matrices and Determinants	6	Total 3 Marks Choose any ONE from TWO	9
10.	Practical Geometry		Total 3 Marks (1 CRQ)	3
<b>Total Marks</b>		<b>45</b>	<b>30</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.

**Annual and Re-sit Examinations 2023 onwards****Civics SSC Part I**

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Introduction to Civics	14	Total 5 Marks (2 CRQs)		19
2.	Scope of Civics	14	Total 5 Marks (2 CRQs)	10 Marks Choose any ONE from TWO	29
3.	Citizen and Citizenship	12	Total 5 Marks (2 CRQs)	10 Marks Choose any ONE from TWO	27
<b>Total</b>		<b>40</b>	<b>15</b>	<b>20</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

**Annual Examinations 2023 onwards**

**Principles of Accounting SSC Part I**

Topic No.	Topics	Marks Distribution		Total Marks
		MCQs	CRQs	
1.	Introduction to Accounting	5	Total 8 Marks (2 CRQs)	13
2.	Accounting Cycle	8	Total 10 Marks (2 CRQs)	18
3.	Books of Prime Entry/ Books of Original Entry	4	Total 9 Marks (2 CRQs)	13
4.	Special Journal and Control Accounts	5	Total 8 Marks (2 CRQs)	13
5.	Depreciation and Bad Debts	8	Total 10 Marks (2 CRQs)	18
<b>Total</b>		<b>30</b>	<b>45</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.



## Annual Examinations 2023 onwards

### Business Studies SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Introduction to Business Activity	9	Total 7 Marks (2 CRQs)		16
2.	Business Organisation	9	Total 6 Marks (2 CRQs)	7 Marks Choose any ONE from TWO	36
4.	Accounting and Finance	9	Total 5 Marks (2 CRQs)		
3.	Production	5	Total 5 Marks (2 CRQs)		10
5.	Marketing	8	Total 5 Marks (2 CRQs)		13
<b>Total</b>		<b>40</b>	<b>28</b>	<b>7</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

## Annual and Re-Sit Examinations 2023 onwards

### Economics SSC Part I

Topic No.	Topic	Marks Distribution			Total Marks
		MCQs	CRQs	ERQs	
1.	Basic Concept of Economics	7	Total 4 Marks (1 CRQ)		11
2.	Introduction of Economics	4	Total 4 Marks (1 CRQ)		8
3.	Demand	8	Total 6 Marks (2 CRQs)		14
4.	Supply	7	Total 4 Marks (1 CRQ)		11
5.	Market Equilibrium and Price Determination	3	Total 3 Marks (1 CRQ)	7 Marks Choose any ONE from TWO	21
7.	Economic Problems of Pakistan and Remedial Measures	5	Total 3 Marks (1 CRQ)		
6.	Production and Factors of Production	6	Total 4 Marks (1 CRQ)		10
<b>Total</b>		<b>40</b>	<b>28</b>	<b>7</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Constructed Response Question (CRQ) requires students to respond with a short text (few phrases/ sentences), calculations or diagrams.
- Extended Response Question (ERQ) requires students to answer in a more descriptive form. The answer should be in paragraph form, with diagrams where needed, and address all parts of the question.

## Annual Examinations 2023 onwards

### Art and Model Drawing SSC Part I

Topic No.	Topics	Marks Distribution			Total Marks
		MCQs	ERQs	Portfolio*	
1.	Fundamentals of Drawing, Painting and Design	4	20 Marks each (2 ERQs) Choose any ONE from TWO	5 pieces of artwork to be submitted at the time of examination which represents all the medium (submission of work created under 4.1.3 is mandatory)	75
2.	Creativity and Artistic Expressions	8			
3.	Art Appreciation	8			
<b>Total</b>		<b>20</b>	<b>40</b>	<b>15</b>	<b>75</b>

- Multiple Choice Question (MCQ) requires candidates to choose one best/ correct answer from four options for each question. Each MCQ carries ONE mark.
- Extended Response Questions (ERQ) will require answers to assess skills and techniques of art & model drawing.

#### \*Portfolio

- Submission of portfolio is compulsory for all candidates. The assessment of portfolio aims to reflect the artistic development of the candidate based on a selection of his/ her artwork over a period of time. For each candidate, 5 pieces of artwork in various media will be required.
- Portfolio should comprise of work of different media practiced during the school year.
- Portfolio should be developed by students and endorsed by a figure of authority, such as a teacher or principal, and submitted at the time of examination.

# **Additional Subjects**

Annual and Re-sit Examinations 2023 onwards

## Annual Examinations 2023 onwards

### Literature in English SSC Part I

The Literature in English Exam for SSC Part I will consist of one paper of three hours duration, carrying 75 marks.

The Literature in English Exam for SSC Part I will be comprised of three sections; novellas, short stories and poetry. Each section will consist of constructed response questions and two extended response questions (a choice will be given in the extended response questions).

#### Section I: (Novellas)

Section I will have two parts A and B, representing the two recommended novellas. Students will attempt only one of the novellas. This section will be of 25 marks with the following tasks and marks allocation:

A reading passage from the novel followed by constructed response questions. 10 Marks

Two questions based on theme, plot, setting or characters which imply an extended response. Students will have to attempt only one question. 15 Marks

#### Section II: (Short Stories)

Section II will be of 25 marks with the following tasks and marks allocation:

Constructed response questions from the recommended stories. 10 Marks

Two questions based on theme, plot, setting, symbolism or characters which imply an extended response. Students will have to attempt any one question. 15 Marks

#### Section III: (Poetry)

Section III will have 25 marks with the following tasks and marks allocation:

Reference to context questions from the recommended poems. 10 Marks

Two questions based on theme, setting, symbolism, figurative language or author's viewpoint which imply an extended response. Students will have to attempt any one question. 15 Marks