



Pearson



International A/AS Level  
Qualifications  
Unit Aggregation and  
Certification (cash-in) Rules  
Effective for the May/June  
2021 series only

## Introduction

This document forms part of the May/June 2021 support and guidance package for centres offering International A/AS Level (IAS/IAL) qualifications and must be used in conjunction with the **Pearson Guidance on the determination of grades for International A/AS Levels and International GCSEs for May/June 2021** document that can be found [here](#).

Except for IAL Law<sup>1</sup>, Pearson's IAS/IALs are unitised qualifications subdivided into units. Assessment in individual units can be taken over a number of examination series. Each individual unit result is awarded a Uniform Mark Scale (UMS) score and these individual unit scores are stored/banked by Pearson. A qualification grade is only awarded when a student has completed all the units in the subject and a centre makes a cash-in entry. A cash-in entry code starts with either 'X' for the International AS qualification or 'Y' for the International A level qualification.

Pearson's approach for IAS/IAL qualifications for May/June 2021 is for centres to provide letter grades by unit. The unit results from this series will have associated UMS scores so that they can be aggregated with both existing unit results from prior exam series and unit results from future exam series. As part of the centre's internal quality assurance, a check on the cash-in is recommended to reflect on the impact the unit grade judgements have on the qualification grade of a student due to certificate in this series. This document explains and illustrates the application of the unit aggregation and certification rules to support this activity.

## Appeals

In some cases, you may feel that the award of notional fixed UMS for units entered in summer 2021 has led to the student receiving an overall qualification grade which is lower than you expected. If this is the case, you will be able to use the appeals process to request a review of the aggregation for individual students once final results have been issued.

## Unit UMS scores

When an exam is sat, the 'raw' mark is the number of marks a student achieved on that exam. Pearson converts the raw mark into a UMS score, to make sure that any differences in the difficulty of exams are taken into account when adding up a student's marks to give an overall qualification grade. For more information about UMS and why they are used please see [here](#). When exams are replaced with a teacher-assessed unit grade, it is still necessary to assign a notional single UMS to that lettered grade so that the unit result can be used to determine the qualification grade when the student

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<sup>1</sup> IAL Law is a linear qualification and is not offered as an International Advanced Subsidiary. This guidance does **not** apply to this subject.

makes a cash-in entry in the current or a future series. These are the same fixed notional UMS scores that Pearson used in the May/June 2020 series and can be found [here](#).

The following is a simplified illustration of the UMS conversion when an exam happens and when a teacher-assessed lettered grade is used.

### Example: Unit with a maximum of 100 uniform marks

#### When an exam happens

Students X and Y both sat the unit exam. Student X achieved 56 raw marks and Student Y achieved 51 raw marks. At the award, the raw mark boundary for the notional unit grade **b** was set at a mark of 51 and for grade **a** it was set at 57. The unit's UMS grade boundaries are shown in the table below; there are 70-79 UMS available for a grade **b**.

	Total UMS	a	b	c	d	e
Unit 1	100	100-80	79-70	69-60	59-50	49-40

The unit grade **b** raw mark conversion to UMS scores is:

Raw mark	UMS	Unit grade
57 →	80	← a
56 →	78	← b
55 →	77	← b
54 →	75	← b
53 →	73	← b
52 →	72	← b
51 →	70	← b

Student X has a raw mark of 56 and achieves a higher uniform mark (78 UMS) than student Y who has a raw mark of 51 (70 UMS).

Both students have shown a notional unit grade **b** performance but student X is a very strong grade **b** (nearly a grade **a**) and student Y is a weaker grade **b** (only just a grade **b**). Their raw marks and their UMS reflect that relative difference in their grade **b** performance.

#### When exams are replaced with teacher-based assessment

The raw mark mapping cannot happen. Instead, a unit teacher-assessed grade (TAG) is submitted as a lettered grade, which converts to a fixed number of notional UMS (see link provided above) for that lettered grade. The UMS is a single notional mark for all students that achieve the same grade on each unit.<sup>2</sup> In the example above Students X and Y would each receive 75 UMS (i.e. the fixed number of notional UMS for this grade) for their notional unit grade **b** performance.

<sup>2</sup> This means that this mark can be carried forward towards the total marks required to achieve the qualification grade, for this series and future series, and students can continue with their existing study, exam pattern and progression

## **Cashing-in (or aggregation) for a Qualification Grade: the rules**

Once a student has gained or has entered for the appropriate set of units, an entry may then be made for the qualification award (the cash-in). The aggregation of the unit uniform marks to a qualification grade is carried out by adding up the student's UMS for the eligible units. Some of these UMS may be from banked scores achieved in a prior series. The aggregation of the student's uniform marks will generate the best possible qualification grade with the highest possible uniform mark. When aggregating unit scores, the rules below apply.

**Please note that separate rules apply for Mathematics qualifications. These are outlined in Appendix 1.**

- Any unit can be re-sat irrespective of whether the qualification is to be cashed-in. Only the better of the two most recent non-absent attempts at a unit will be available for aggregation to a qualification grade.
- Even if the IAS certification has been claimed, the student may still re-sit one or more IAS units in addition to IA2 units prior to cashing-in for an IAL award.
- Students may **not** re-aggregate with a set of unit results which is identical to that which existed previously, whether for the purpose of getting all their qualification grades on the same certificate or for any other reason.
- The shelf-life of unit results is limited only by the shelf-life of the associated specification.
- Students will be awarded a qualification Grade A\* if they achieve Grade A for the full IAL (i.e. at least 160, 320 or 480 uniform marks in the two-, four- or six-unit IALs respectively) and 90% or more of the available uniform marks from their IA2 units (i.e. 90, 180 or 270 uniform marks for the IA2 units in the two-, four- or six-unit IALs respectively).

## **Worked Examples**

A full list of Pearson IAS/IAL **unitised** qualifications available in the May/June 2021 series with a summary of their unit structure is provided as Appendix 2. The Qualification uniform mark scales can be found in Appendix 3.

Some worked examples are provided below to illustrate how the aggregation rules apply for different student scenarios where a qualification grade is due to be claimed in the May/June 2021 series. Worked examples are provided for two-, four- and six-unit IAL qualifications. A link to worked examples for the Mathematics subjects can be found in Appendix 1.

These scenarios assume that for any units entered in the May/June 2021 series, the initial unit TAG has already been determined. This cash-in check is recommended as part of your centre's internal quality assurance to reflect holistically on the impact these unit judgements have on the student's qualification grade.

## 2-Unit IAL (e.g. Arabic)

Qualification and unit UMS from the specification [here](#).

### Qualification results

The minimum uniform marks required for each grade:

#### International Advanced Subsidiary (cash-in code: XAA01)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	100	80	70	60	50	40

Students with a uniform mark in the range 0–39 will be Unclassified (U).

#### International Advanced Level (cash-in code: YAA01)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	200	160	140	120	100	80

Students with a uniform mark in the range 0–79 will be Unclassified (U).

To be awarded an A\*, students will need to achieve an A for the International Advanced Level qualification (at least 160 uniform marks) **and** at least 90% of the total uniform mark available in the IA2 unit (at least 90 uniform marks).

### Unit 1

Unit grade	Maximum uniform mark	A	B	C	D	E
	100	80	70	60	50	40

### Unit 2

Unit grade	Maximum uniform mark	A	B	C	D	E
	100	80	70	60	50	40

## Fixed UMS

Arabic		International AS unit UMS		Max Mark		a b c d e				
International AS unit UMS										
WAA01	Understanding and Written Response	UMS	100			90	75	65	55	45
International A Level unit UMS					Max Mark	a*	a	b	c	d
WAA02 Research, Writing and Research		UMS	100			95	85	75	65	55
						e				

**Student 1** is entered for units 1 and 2 for the first time in the May/June 2021 series and is cashing-in for an IAL grade.

There are no eligibility issues; the student has met all the rules for the IAL certification.

Unit 1: TAG is grade **a** (fixed notional UMS 90)

Unit 2: TAG is grade **a\*** (fixed notional UMS 95)

## IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	May/June 2021	90	✓
2	May/June 2021	95	✓

Unit aggregation = 90 + 95 = 185 UMS = **Grade A\***

The student has achieved at least 160 UMS overall (i.e. **grade A** overall) **and** has achieved at least 90% of the total uniform marks available for the IA2 unit (i.e. at least 90 UMS).

**Student 2** sat unit 1 in October 2020 and achieved 81 UMS (notional grade **a** performance).

**May/June 2021 series:**

The student is entered for unit 2 only and is cashing-in for the IAL qualification grade. There are no eligibility issues; the student has met all the rules for the IAL certification. Unit 2: TAG is grade **a** (fixed notional UMS 85)

**IAL qualification grade summary**

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	October 2020	81	✓
2	May/June 2021	85	✓

Unit aggregation =  $81 + 85 = 166$  UMS = **Grade A**

The student has achieved at least 160 UMS overall but has not achieved at least 90% of the total uniform marks available for the IA2 unit 2 (at least 90 UMS).

**Note:** if this student had certificated the IAS in October 2020, it would not be possible to re-certificate for the IAS in May/June 2021. The reason being that the student could not re-aggregate with the same set of IAS unit results.

**Student 3** sat unit 1 in January 2021 and achieved 69 UMS (notional grade **c** performance).

**May/June 2021 series:**

The student is re-entered for unit 1, entered for unit 2 for the first time and is cashing-in for the IAS and IAL. There are no eligibility issues; the student has met all the rules for the IAS and IAL certifications.

Unit 1: TAG is grade **b** (fixed notional UMS 75).

Unit 2: TAG is grade **c** (fixed notional UMS 65).

The May/June 2021 Unit 1 TAG fixed notional UMS is the best of the two most recent scores so is used for the cash-ins.

## IAS/IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2021	69	✗
1	May/June 2021	75	✓
2	May/June 2021	65	✓

**IAS qualification grade:** unit aggregation = 75 UMS = **Grade B**

**IAL qualification grade:** unit aggregation =  $75 + 65 = 140$  UMS = **Grade B**

**Student 4** sat unit 1 in January 2021 and achieved 79 UMS (notional grade **b** performance).

### May/June 2021 series:

The student is re-entered for unit 1, entered for unit 2 for the first time and is cashing-in for the IAS and IAL. There are no eligibility issues; the student has met all the rules for the IAS and IAL certifications.

Unit 1: TAG is grade **b** (fixed notional UMS 75).

Unit 2: TAG is grade **b** (fixed notional UMS 75).

The January 2021 unit 1 UMS score is the best of the two most recent scores so is used for the cash- ins.

## IAS/IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2021	79	✓
1	May/June 2021	75	✗
2	May/June 2021	75	✓

**IAS qualification grade:** unit aggregation = 79 UMS = **Grade B**

**IAL qualification grade:** unit aggregation =  $79 + 75 = 154$  UMS = **Grade B**

## 4-Unit IAL (e.g. Economics)

Qualification and unit UMS from the specification [here](#).

### Qualification results

The minimum uniform marks required for each grade:

#### International Advanced Subsidiary (cash-in code: XEC11)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	<b>200</b>	<b>160</b>	<b>140</b>	<b>120</b>	<b>100</b>	<b>80</b>

Students with a uniform mark in the range 0-79 will be Unclassified (U).

#### International Advanced Level (cash-in code: YEC11)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	<b>400</b>	<b>320</b>	<b>280</b>	<b>240</b>	<b>200</b>	<b>160</b>

Students with a uniform mark in the range 0-159 will be Unclassified (U).

To be awarded an A\*, students will need to achieve an A for the International Advanced Level qualification (at least 320 uniform marks) **and** at least 90% of the total uniform mark available across the IA2 units combined (at least 180 uniform marks).

#### Units 1, 2, 3 and 4

Unit grade	Maximum uniform mark	A	B	C	D	E
	<b>100</b>	<b>80</b>	<b>70</b>	<b>60</b>	<b>50</b>	<b>40</b>

## Fixed UMS

Economics: New Specification		Max Mark	a	b	c	d	e
International AS unit UMS	WEC11 Markets in Action						
WEC11	Markets in Action	UMS	100	90	75	65	55
WEC12	Macroeconomic performance and policy	UMS	100	90	75	65	55
International A Level unit UMS		Max Mark	a*	a	b	c	d
WEC13	Business Behaviour	UMS	100	95	85	75	65
WEC14	Developments in the Global Economy	UMS	100	95	85	75	65

**Student 5** sat units 1 and 2 in January 2021 and achieved:

Unit 1: 76 UMS (notional grade **b** performance)

Unit 2: 65 UMS (notional grade **c** performance)

The student also cashed in for the IAS grade and received 141 UMS, a **Grade B**.

### May/June 2021 series:

The student is re-entered for unit 2 and is entered for units 3 and 4 for the first time and is cashing-in for the IAS and IAL. There are no eligibility issues; the student has met all the rules for the re-aggregation of the IAS (i.e. the student has a different set of IAS unit results for certification) and the IAL certification.

Unit 2: TAG is grade **b** (fixed notional UMS 75)

Unit 3: TAG is grade **c** (fixed notional UMS 65)

Unit 4: TAG is grade **c** (fixed notional UMS 65)

The May/June 2021 Unit 2 fixed notional UMS is the best of the two most recent scores and is used for the cash-ins.

## IAS/IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2021	76	✓
2	January 2021	65	✗
2	May/June 2021	75	✓
3	May/June 2021	65	✓
4	May/June 2021	65	✓

**IAS Qualification Grade:** unit aggregation =  $76 + 75 = 151$  UMS = **Grade B**

**IAL Qualification Grade:** unit aggregation =  $76 + 75 + 65 + 65 = 281$  UMS = **Grade B**

**Student 6** entered units 1 and 2 in the May/June 2020 series and achieved:

Unit 1: fixed notional UMS 90 (notional grade **a** performance)

Unit 2: fixed notional UMS 90 (notional grade **a** performance)

The student sat examinations for unit 2 and unit 3 (first attempt for this unit) in the October 2020 series and achieved:

Unit 2: 79 UMS (notional grade **b** performance)

Unit 3: 78 UMS (notional grade **b** performance)

### May/June 2021 Series:

The student is entered for units 3 and 4 and is cashing-in for the IAL. There are no eligibility issues; the student has met all the rules for the IAL certification.

Unit 3: TAG is grade **a** (fixed notional UMS 85)

Unit 4: TAG is grade **a** (fixed notional UMS 85)

The May/June 2020 fixed notional UMS score for unit 2 and the May/June 2021 fixed notional UMS score for unit 3 is the best of the two most recent attempts for each unit and are used for the IAL cash-in.

## IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	May/June 2020	90	✓
2	May/June 2020	90	✓
2	October 2020	79	✗
3	October 2020	78	✗
3	May/June 2021	85	✓
4	May/June 2021	85	✓

**IAL Qualification Grade:** unit aggregation =  $90 + 90 + 85 + 85 = 350$  UMS = **Grade A**.

The student has achieved at least 320 UMS overall but has **not** achieved at least 90% of the total uniform marks available for the IA2 units (at least 180 UMS).

**Student 7** sat units 1 and 2 in January 2021 and achieved:

Unit 1: 69 UMS (notional grade **c** performance)

Unit 2: 79 UMS (notional grade **b** performance)

The student also cashed in for the IAS grade and received 148 UMS, a Grade B.

#### **May/June 2021 series:**

The student is entered for units 3 and 4 and is cashing-in for the IAS and IAL. There is an eligibility issue here for the IAS as the student cannot re-aggregate with the same set of IAS unit results. There are no eligibility issues for the IAL certification.

Unit 3: TAG is grade **a** (fixed notional UMS 85)

Unit 4: TAG is grade **a** (fixed notional UMS 85)

#### **IAS/IAL qualification grade summary**

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2021	69	✓
2	January 2021	79	✓
3	May/June 2021	85	✓
4	May/June 2021	85	✓

**IAS Qualification Grade:** Eligibility issue and no grade issued

**IAL Qualification Grade:** unit aggregation =  $69 + 79 + 85 + 85 = 318$  UMS = **Grade B**

**Student 8** sat units 1 and 2 in January 2021 and achieved:

Unit 1: 90 UMS (notional grade **a** performance)

Unit 2: 76 UMS (notional grade **b** performance)

#### **May/June 2021 series:**

The student is entered for units 3 and 4 and is cashing-in for the IAS and IAL. There are no eligibility issues; the student has met all the rules for the IAS and the IAL certifications.

Unit 3: TAG is grade **a\*** (fixed notional UMS 95)

Unit 4: TAG is grade **a** (fixed notional UMS 85)

#### **IAS/IAL qualification grade summary**

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2021	90	✓
2	January 2021	76	✓
3	May/June 2021	95	✓
4	May/June 2021	85	✓

**IAS Qualification Grade:** unit aggregation =  $90 + 76 = 166$  UMS = **Grade A**

**IAL Qualification Grade:** unit aggregation =  $90 + 76 + 95 + 85 = 346$  UMS = **Grade A\***

The student has achieved at least 320 UMS overall and has achieved at least 90% of the total uniform marks available for the IA2 units (at least 180 UMS).

## 6-unit IAL (e.g. Biology)

Qualification and unit UMS from the specification [here](#).

### Qualification results

The minimum uniform marks required for each grade:

#### International Advanced Subsidiary (cash-in code: XBI11)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	<b>300</b>	<b>240</b>	<b>210</b>	<b>180</b>	<b>150</b>	<b>120</b>

Candidates with a uniform mark in the range 0–119 will be Unclassified (U).

#### International Advanced Level (cash-in code: YBI11)

Qualification grade	Maximum uniform mark	A	B	C	D	E
	<b>600</b>	<b>480</b>	<b>420</b>	<b>360</b>	<b>300</b>	<b>240</b>

Candidates with a uniform mark in the range 0–239 will be Unclassified (U).

To be awarded an A\*, candidates will need to achieve an A for the International Advanced Level qualification (at least 480 uniform marks) **and** at least 90 percent of the total uniform marks available across the IA2 units combined (at least 270 uniform marks).

#### Units 1, 2, 4 and 5

Unit grade	Maximum uniform mark	A	B	C	D	E
	<b>120</b>	<b>96</b>	<b>84</b>	<b>72</b>	<b>60</b>	<b>48</b>

#### Units 3 and 6

Unit grade	Maximum uniform mark	A	B	C	D	E
	<b>60</b>	<b>48</b>	<b>42</b>	<b>36</b>	<b>30</b>	<b>24</b>

### Fixed UMS

Biology: New Specification		Max Mark	a	b	c	d	e
International AS unit UMS	International A Level unit UMS						
WBI11 Unit1:Molecules, Diet, Transport and Health		UMS 120	108	90	78	66	54
WBI12 Cells, Development, Biodiversity and Conservation		UMS 120	108	90	78	66	54
WBI13 Practical Skills in Biology		UMS 60	54	45	39	33	27
International A Level unit UMS		Max Mark	a*	a	b	c	d
WBI14 Energy, Environment, Microbiology and Immunity		UMS 120	114	102	90	78	66
WBI15 Respiration, Internal Environment, Coordination and Gene Technology		UMS 120	114	102	90	78	66
WBI16 Practical Skills in Biology II		UMS 60	57	51	45	39	33

**Student 9** sat unit 1 in the January 2020 series and achieved 98 UMS (a notional grade **a** performance).

The student entered units 2 and 3 in the May/June 2020 series and achieved:

Unit 2: fixed notional UMS 108 (notional grade **a** performance)

Unit 3: fixed notional UMS 45 (notional grade **b** performance).

The student re-entered unit 3 in October 2020 and achieved:

Unit 3: 41 UMS (a notional grade **c** performance).

The student sat unit 4 in January 2021 and achieved:

Unit 4: 71 UMS (a notional grade **d** performance).

### May/June 2021 series:

The student is entered for units 5 and 6 and is cashing-in for the IAS and IAL certifications.

There are no eligibility issues; the student has met all the rules for the IAS and IAL certifications.

Unit 5: TAG is grade **b** (fixed notional UMS 90)

Unit 6: TAG is grade **b** (fixed notional UMS 45)

The May/June 2020 UMS score for unit 3 is the best of the two most recent attempts and is used for the cash-in.

### IAS/IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2020	98	✓
2	May/June 2020	108	✓
3	May/June 2020	45	✓
3	October 2020	41	✗
4	January 2021	71	✓
5	May/June 2021	90	✓
6	May/June 2021	45	✓

**IAS Qualification Grade:** unit aggregation = 98 + 108 + 45 = 251 UMS = **Grade A**

**IAL Qualification Grade:** unit aggregation = 98 + 108 + 45 + 71 + 90 + 45 = 457 UMS = **Grade B**

**Student 10** sat units 1 and 2 in the January 2020 series and achieved:

Unit 1: 27 UMS (unclassified)

Unit 2: 35 UMS (unclassified)

The student re-entered both units in May/June 2020 and entered unit 3 for the first time and achieved:

Unit 1: fixed notional UMS 54 (notional grade **e** performance)

Unit 2: fixed notional UMS 54 (notional grade **e** performance)

Unit 3: fixed notional UMS 27 (notional grade **e** performance)

The student sat unit 4 in January 2021 and achieved 56 UMS (notional grade **e** performance).

### May/June 2021 series:

The student is entered for units 5 and 6 and is cashing-in for the IAS and IAL certifications.

There are no eligibility issues; the student has met all the rules for the IAS and IAL certifications.

Unit 5: TAG grade **d** (fixed notional UMS 66)

Unit 6: TAG grade **d** (fixed notional UMS 33)

The May/June 2020 fixed notional UMS for units 1 and 2 are the best of the two most recent scores and are used for the cash-in.

## IAS/IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	January 2020	27	✗
1	May/June 2020	54	✓
2	January 2020	35	✗
2	May/June 2020	54	✓
3	May/June 2020	27	✓
4	January 2021	56	✓
5	May/June 2021	66	✓
6	May/June 2021	33	✓

**IAS Qualification Grade:** unit aggregation = 54 + 54 + 27 = 135 UMS = **Grade E**

**IAL Qualification Grade:** unit aggregation = 54 + 54 + 27 + 56 + 66 + 33 = 290 UMS = **Grade E**

**Student 11** entered for units 1, 2 and 3 in the May/June 2020 series and achieved:

Unit 1: fixed notional UMS 108 (notional grade **a** performance)

Unit 2: fixed notional UMS 90 (notional grade **b** performance)

Unit 3: fixed notional UMS 54 (notional grade **a** performance)

The student entered unit 4 in January 2021 and achieved:

Unit 4: 105 UMS (notional grade **a** performance)

### May/June 2021 series:

The student is entered for units 5 and 6 and is cashing-in for the IAL certification.

There are no eligibility issues; the student has met all the rules for the IAS and IAL certifications.

Unit 5: TAG grade **a\*** (fixed notional UMS 114)

Unit 6: TAG grade **a** (fixed notional UMS 51)

## IAL qualification grade summary

Unit	Series	UMS	Used for May/June 2021 cash-in?
1	May/June 2020	108	✓
2	May/June 2020	90	✓
3	May/June 2020	54	✓
4	January 2021	105	✓
5	May/June 2021	114	✓
6	May/June 2021	51	✓

**IAL Qualification Grade:** unit aggregation = 108 + 90 + 54 + 105 + 114 + 51 = 522 UMS = **Grade A\***

The student has achieved at least 480 UMS overall **and** has achieved at least 90% of the total uniform marks available for the IA2 units (at least 270 UMS).

**Student 12** entered for units 1, 2 and 3 in the May/June 2020 series and achieved:

Unit 1: fixed notional UMS 108 (notional grade **a** performance)

Unit 2: fixed notional UMS 90 (notional grade **b** performance)

Unit 3: fixed notional UMS 54 (notional grade **a** performance)

The student was also entered for the IAS certification in May/June 2020.

**IAS Qualification Grade (May/June 2020):** unit aggregation =  $108 + 90 + 54 = 252$  UMS  
= **Grade A**

The student entered unit 4 in October 2020 and achieved:

Unit 4: 91 UMS (notional grade **b** performance)

#### **May/June 2021 series:**

The student is re-entered for unit 4, and also entered for units 5 and 6. The student is also entered cashing-in for both at IAS and IAL certification.

There is an eligibility issue here for the IAS as the student cannot re-certificate with the same set of IAS unit results. There are no eligibility issues for the IAL certification.

Unit 4: TAG grade **a** (fixed notional UMS 102)

Unit 5: TAG grade **a** (fixed notional UMS 102)

Unit 6: TAG grade **a** (fixed notional UMS 51)

The May/June 2021 UMS score for unit 4 is the best of the two most recent attempts and is used for the cash-in.

#### **IAL qualification grade: Summary**

<b>Unit</b>	<b>Series</b>	<b>UMS</b>	<b>Used for May/June 2021 cash-in?</b>
1	May/June 2020	108	✓
2	May/June 2020	90	✓
3	May/June 2020	54	✓
4	January 2021	91	✗
4	May/June 2021	102	✓
5	May/June 2021	102	✓
6	May/June 2021	51	✓

**IAL Qualification Grade:** unit aggregation =  $108 + 90 + 54 + 102 + 102 + 51 = 507$  UMS = **Grade A**

The student has achieved at least 480 UMS overall but has **not** achieved at least 90% of the total uniform marks available for the IA2 units (at least 270 UMS).

## Appendix 1: Mathematics subjects qualification overview and Aggregation Rules and Guidance

### Qualification Overview

#### Pearson Edexcel International Advanced Subsidiary

The International Advanced Subsidiary in Mathematics, Further Mathematics and Pure Mathematics qualifications each consist of three externally-examined units:

Qualification	Compulsory units	Optional units
International Advanced Subsidiary in Mathematics	P1, P2	M1, S1, D1
International Advanced Subsidiary in Further Mathematics	FP1	FP2, FP3, M1, M2, M3, S1, S2, S3, D1
International Advanced Subsidiary in Pure Mathematics	P1, P2, FP1	

#### Pearson Edexcel International Advanced Level

The International Advanced Level in Mathematics, Further Mathematics and Pure Mathematics qualifications each consist of six externally-examined units:

Qualification	Compulsory units	Optional units
International Advanced Level in Mathematics	P1, P2, P3, P4	M1 and S1 or M1 and D1 or M1 and M2 or S1 and D1 or S1 and S2
International Advanced Level in Further Mathematics	FP1 and either FP2 or FP3	FP2, FP3, M1, M2, M3, S1, S2, S3, D1
International Advanced Level in Pure Mathematics	P1, P2, P3, P4, FP1	FP2 or FP3

### Aggregation Rules and Guidance

The certification of each qualification requires different contributing units. For example, students who are awarded certificates in both International Advanced Level Mathematics and International Advanced Level Further Mathematics must use unit results from 12 **different** units, i.e. once a unit result has been used to cash-in for a qualification, it cannot be re-used to cash-in for another qualification. A combination of legacy and re-developed units can be used to cash-in.

The aggregation rules for these Mathematics subjects are [here](#). This document also includes some worked examples.

## **A\* in IAL Mathematics qualifications**

For International Advanced Level in Mathematics

- A\* will be awarded to students who have achieved grade A overall (at least 480 of the 600 maximum uniform mark) and at least 180 of the 200 combined maximum uniform mark for the P3 and P4 units.

For International Advanced Level in Further Mathematics

A\* will be awarded to students who have achieved a grade A overall (at least 480 of the 600 maximum uniform mark) and at least 270 of the 300 combined maximum uniform mark for their best three IA2 units (whether pure or application units).

For International Advanced Level in Pure Mathematics

- A\* will be awarded to students who have achieved a grade A overall (at least 480 of the 600 maximum uniform mark) and at least 270 of the 300 combined maximum uniform mark for their IA2 units.

**Eligibility of units for May/June 2021 cash-in: summary table from the Pearson Qualifications Information Manual 2020/21 (Section 4 International A Level)**  
[here](#).

Specification cash-in code	Subject Title	Units required to be eligible
Advanced Subsidiary XMA01	Mathematics	WMA01(C12) plus one of WME01(M1), WST01(S1), WDM01(D1)/ <b>WDM11(D1)</b> OR WMA11 and WMA12 plus one of WME01(M1), WST01(S1), <b>WDM01(D1)/WDM11(D1)</b>
Advanced Subsidiary XFM01	Further Mathematics	WFM01(F1) plus two of the following application units WFM02(F2), WFM03(F3), WME01(M1), WME02(M2), WME03(M3), WST01(S1), WST02(S2), WST03(S3), <b>WDM01(D1)/WDM11(D1)</b>
Advanced Subsidiary XPM01	Pure Mathematics	WMA01(C12) and WFM01(F1) OR WMA11 (P1) and WMA12 (P2) and WFM01 (F1)
Advanced YMA01	Mathematics	WMA01(C12), WMA02(C34) plus one the following pairs WME01(M1) and WST01(S1), WME01(M1) and WDM01(D1)/ <b>WDM11(D1)</b> , WME01(M1) and WME02(M2), WST01(S1) and WDM01(D1)/ <b>WDM11(D1)</b> , WST01(S1) and WST02(S2) OR WMA11(P1), WMA12(P2), WMA13(P3), WMA14(P4) plus one the following pairs WME01(M1) and WST01(S1), WME01(M1) and WDM01(D1)/ <b>WDM11(D1)</b> , WME01(M1) and WME02(M2), WST01(S1) and WDM01(D1)/ <b>WDM11(D1)</b> , WST01(S1) and WST02(S2)
Advanced YFM01	Further Mathematics	WFM01(F1) plus one of WFM02(F2) or WFM03(F3), plus four of WME01(M1), WME02(M2), WME03(M3), WST01(S1), WST02(S2), WST03(S3), <b>WDM01(D1)/WDM11(D1)</b> OR WFM01(F1), WFM02(F2), WFM03(F3) plus three of WME01(M1), WME02(M2), WME03(M3), WST01(S1), WST02(S2), WST03(S3), <b>WDM01(D1)/WDM11(D1)</b>
Advanced YPM01	Pure Mathematics	WMA01(C12), WMA02(C34), WFM01(F1) plus one of WFM02(F2), WFM03(F3) OR WMA11(P1), WMA12(P2), WMA13(P3), WMA14(P4), WFM01(F1) plus one of WFM02(F2), WFM03(F3)

## Appendix 2: Pearson IAS/IAL Unitised Qualifications<sup>3</sup>

Level	Code	Subject name	Structure	
IAS	XAA01	ARABIC	one unit at IAS, and an additional unit at IA2 for the full IAL qualification.	
IAL	YAA01			
IAS	XAC11	ACCOUNTING	one unit at IAS, and an additional unit at IA2 for the full IAL qualification.	
IAL	YAC11			
IAS	XBI11	BIOLOGY	three IAS units and three IA2 units	
IAL	YBI11			
IAS	XBS11	BUSINESS	two IAS units and two IA2 units	
IAL	YBS11			
IAS	XCH11	CHEMISTRY	three IAS units and three IA2 units	
IAL	YCH11			
IAS	XEC11	ECONOMICS	two IAS units and two IA2 units	
IAL	YEC11			
IAS	XEN01	ENGLISH LANGUAGE	two IAS units and two IA2 units	
IAL	YEN01			
IAS	XET01	ENGLISH LITERATURE	two IAS units and two IA2 units	
IAL	YET01			
IAS	XFR01	FRENCH	two IAS units and two IA2 units	
IAL	YFR01			
IAS	XGE01	GEOGRAPHY	two IAS units and two IA2 units	
IAL	YGE01			
IAS	XGK01	GREEK	one unit at IAS, and an additional unit at IA2 for the full IAL qualification.	
IAL	YGK01			
IAS	XGN01	GERMAN	two IAS units and two IA2 units	
IAL	YGN01			
IAS	XHI01	HISTORY	two IAS units and two IA2 units	
IAL	YHI01			
IAS	XIT11	INFORMATION TECHNOLOGY	two IAS units and two IA2 units	
IAL	YIT11			
IAS	XPH11	PHYSICS	three IAS units and three IA2 units	
IAL	YPH11			
IAS	XPS01	PSYCHOLOGY	two IAS units and two IA2 units	
IAL	YPS01			
IAS	XSP01	SPANISH	two IAS units and two IA2 units	
IAL	YSP01			
IAS	XMA01	MATHEMATICS	There are 12 units available in the IAL specification, including the combined Core Mathematics units. Combinations of these 12 units can lead to IAL qualification awards in Mathematics, Further Mathematics and Pure Mathematics. There is a separate Aggregation Rules and Guidance document ( <a href="#">here</a> ) that is specific to Mathematics, which explains in more detail the ways in which the 12 units can be combined to achieve the three qualification award options.	
IAL	YMA01			
IAS	XFM01	FURTHER MATHEMATICS		
IAL	YFM01			
IAS	XPM01	PURE MATHEMATICS		
IAL	YPM01			

<sup>3</sup> IAL Law (YLA1) has a linear assessment model and does not include an Advanced Subsidiary award.

## Appendix 3: Qualification Uniform Mark Scales

### IAL QUALIFICATION GRADES

*The maximum uniform mark for the qualification and the minimum uniform mark required for each grade:*

Qualification grade	A	B	C	D	E
<b>Advanced Subsidiary (AS)</b> where maximum uniform mark is 100	80	70	60	50	40
<b>Advanced Subsidiary (AS)</b> where maximum uniform mark is 200	160	140	120	100	80
<b>Advanced Subsidiary (AS)</b> where maximum uniform mark is 300	240	210	180	150	120
Qualification grade	A*	A	B	C	D
<b>Advanced (A-level)</b> where maximum uniform mark is 200	see note	160	140	120	100
<b>Advanced (A-level)</b> where maximum uniform mark is 400	see note	320	280	240	200
<b>Advanced (A-level)</b> where maximum uniform mark is 600	see note	480	420	360	300
					240

### Notes:

- The general rule for the award of A\* is:
  - a grade A overall at IAL and
  - 90% of the maximum uniform mark on the aggregate of the IA2 units

See the separate rules in Appendix 1 for the Mathematics subjects.