

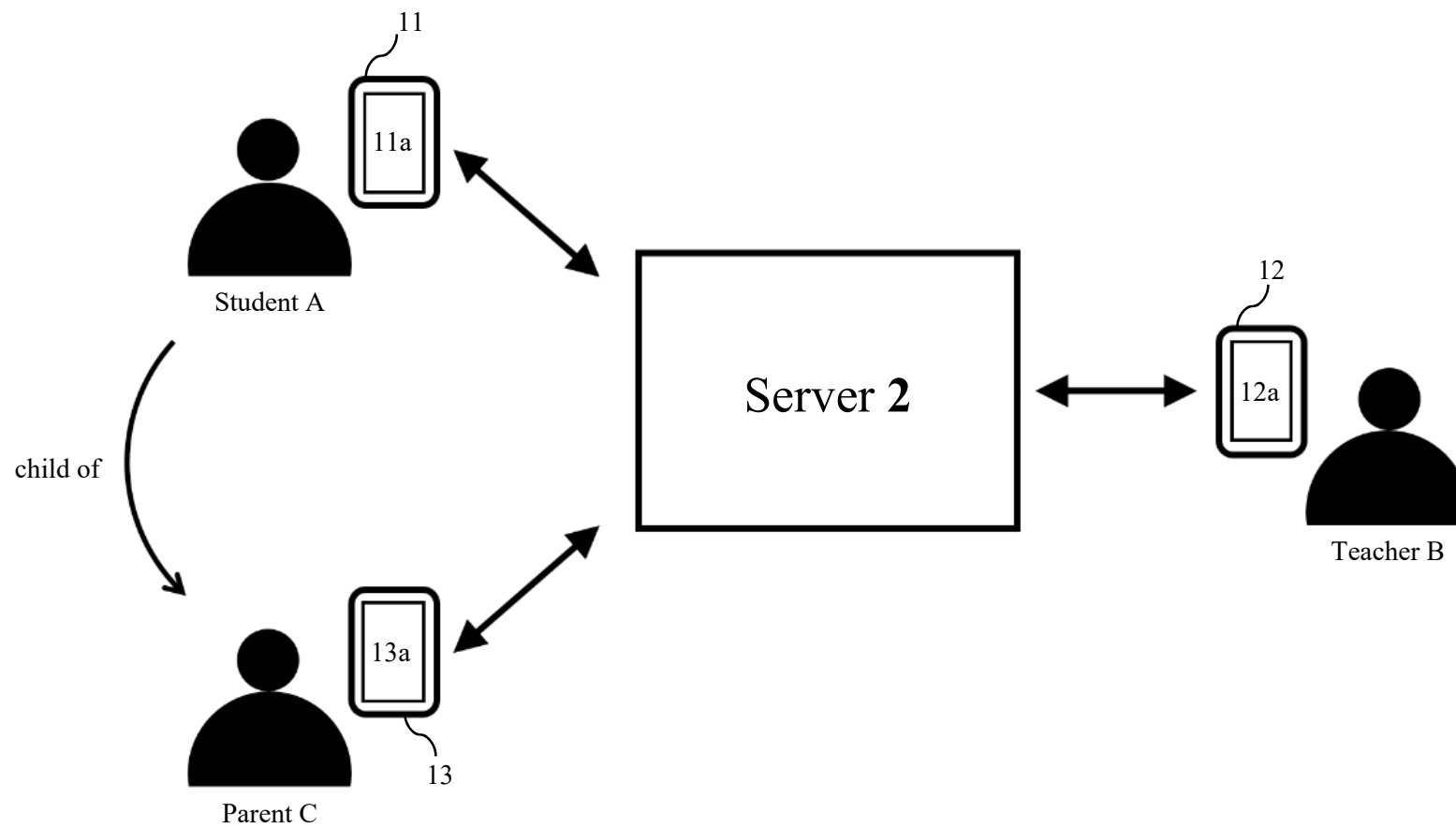


FIG. 1

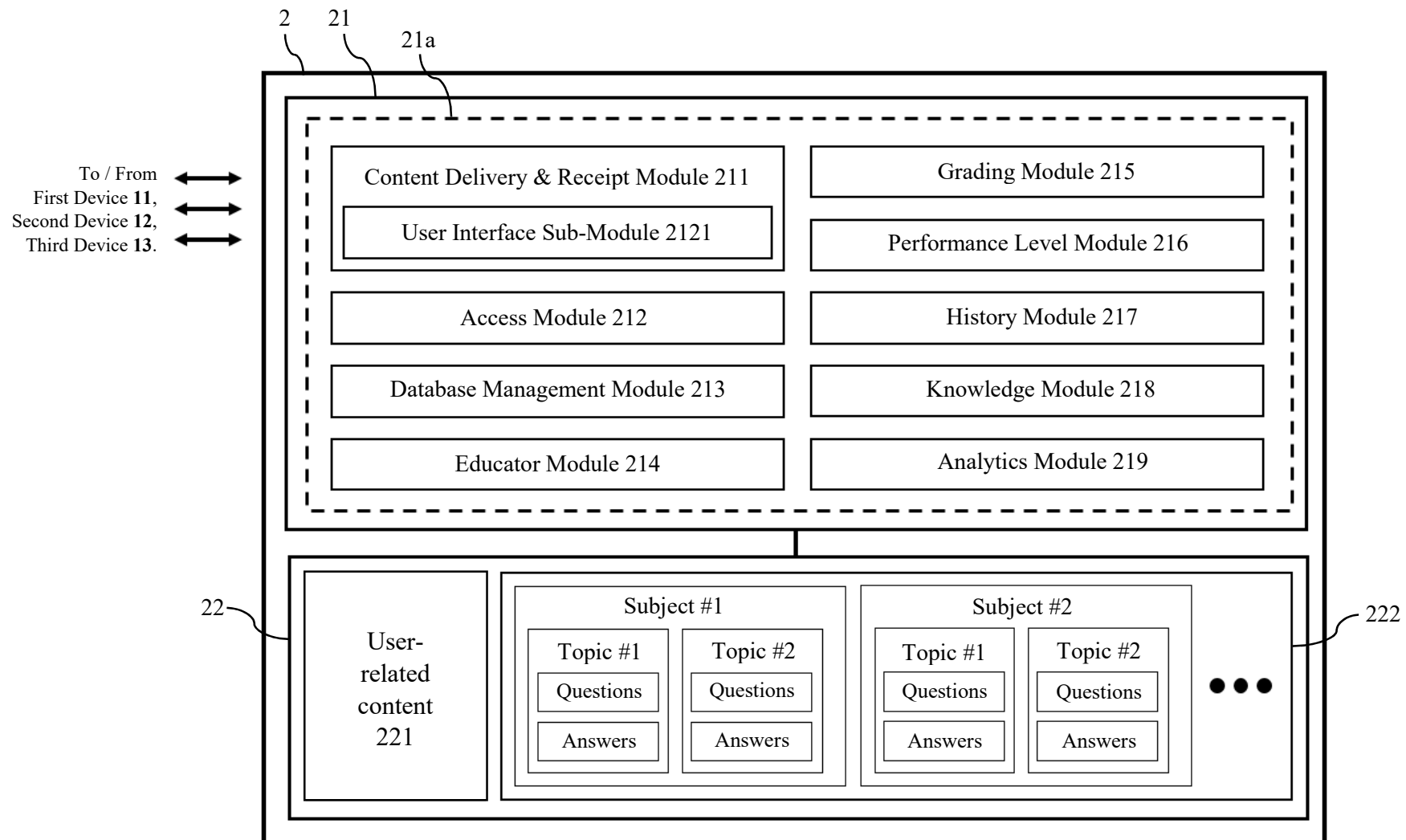
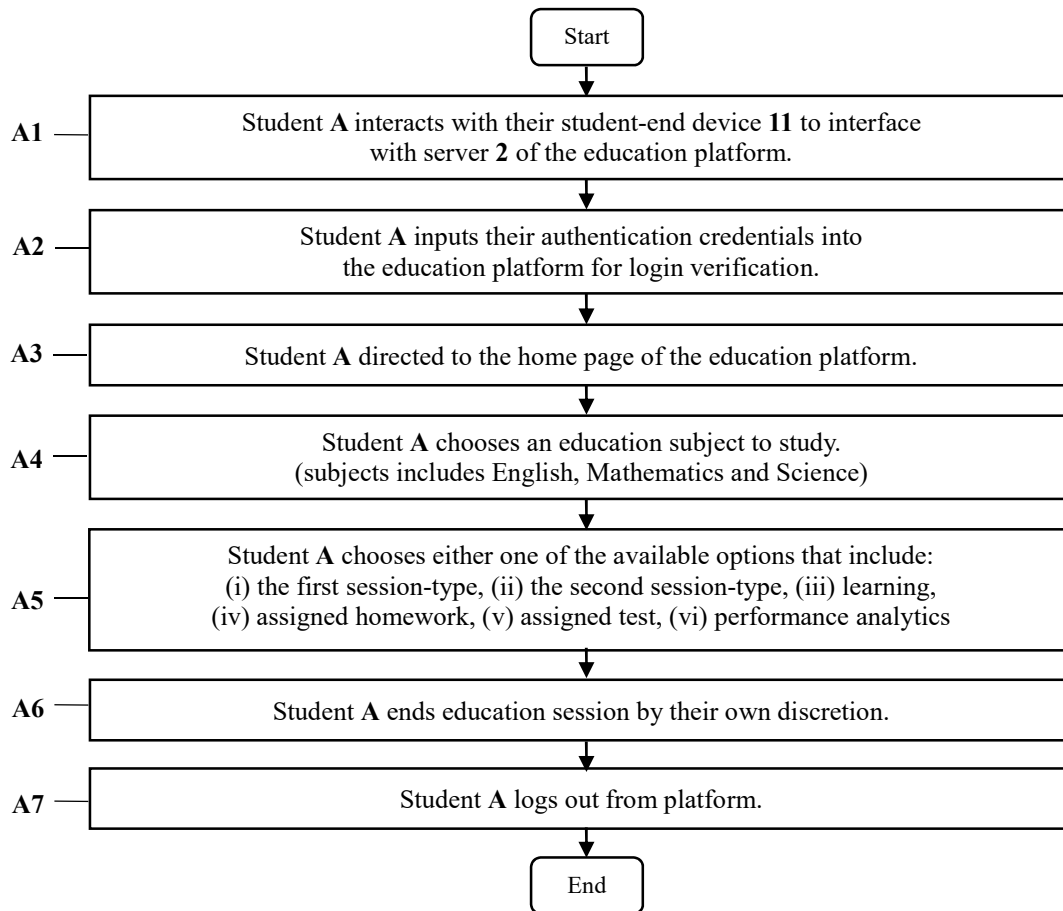
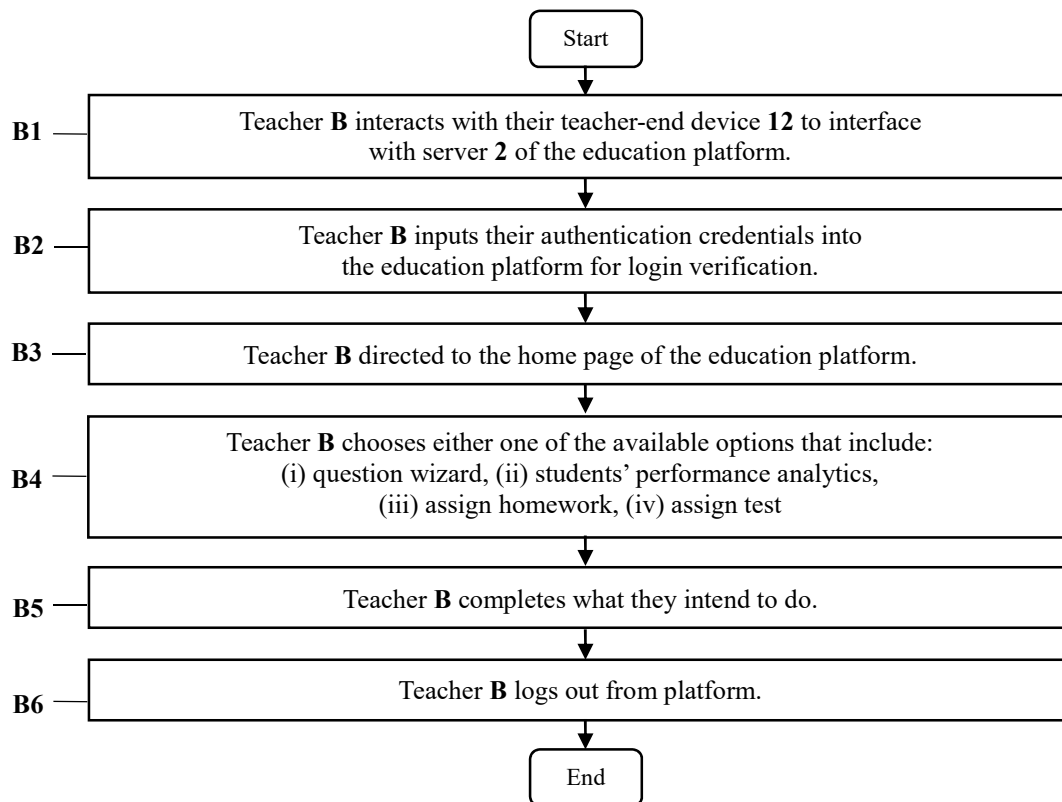
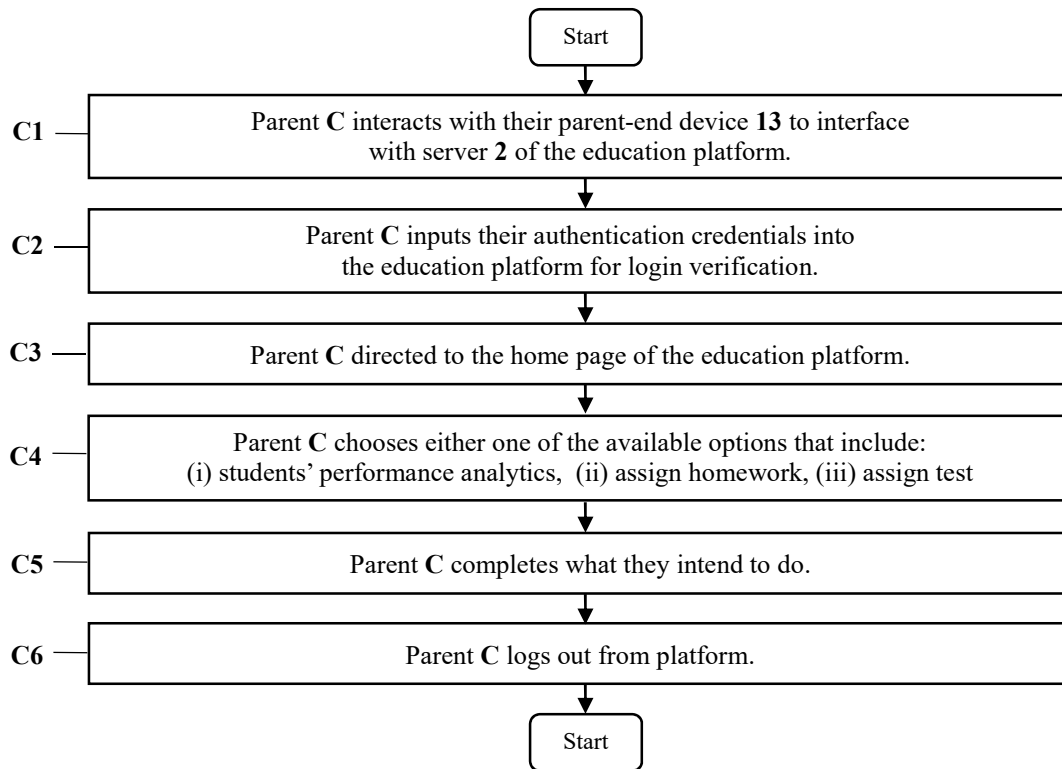


FIG. 2

**FIG. 3**

**FIG. 4**

**FIG. 5**

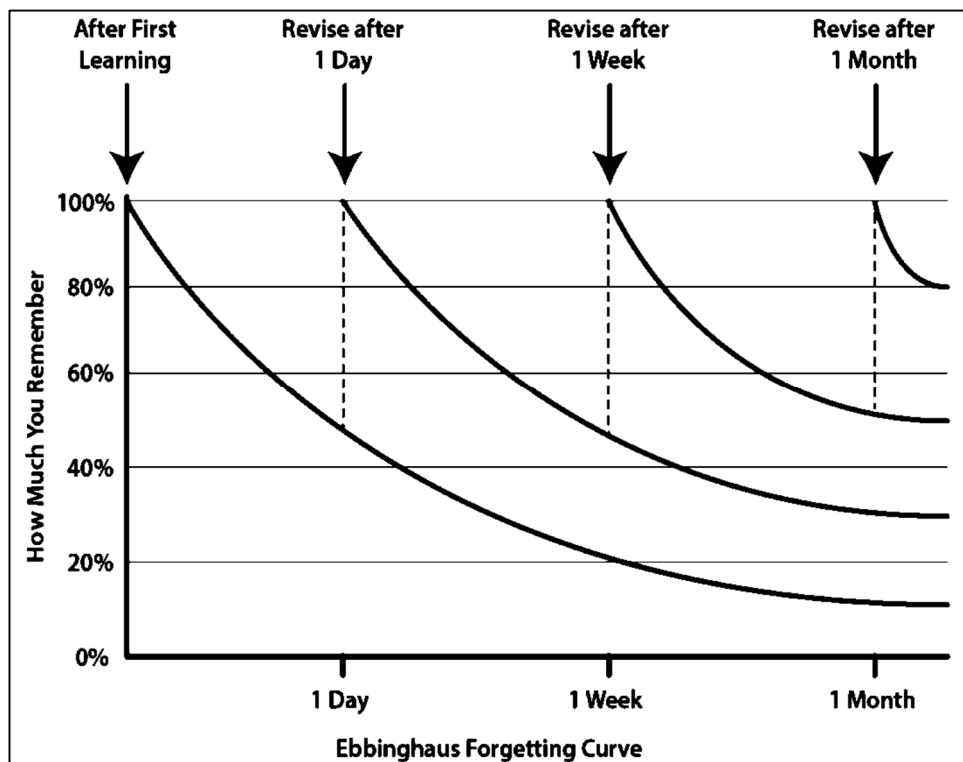


FIG. 6

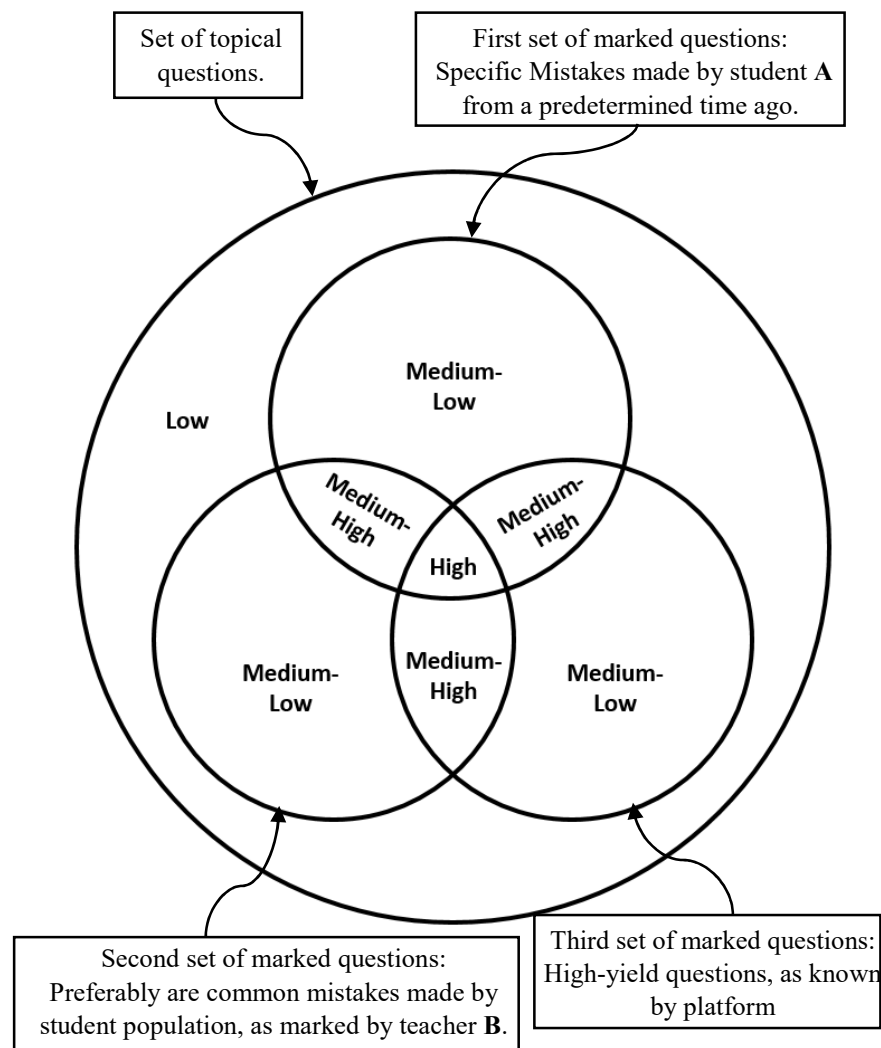
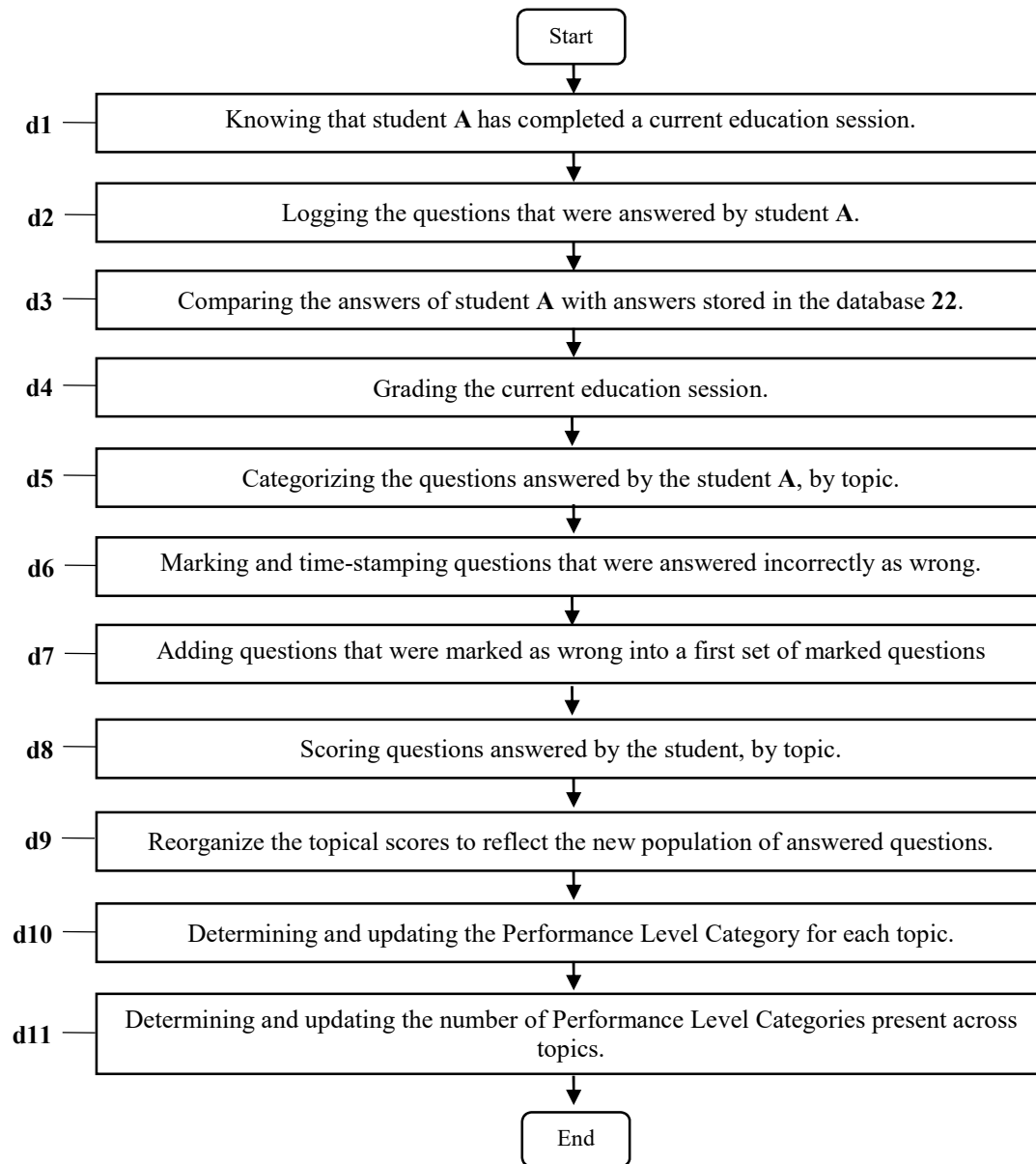


FIG. 7

Raw Mark Range	Achievement Level	
≥ 90	1	Performance Level Category A: “Strong”
85 – 89	2	
80 – 84	3	
75 – 79	4	Performance Level Category B: “Average”
65 – 74	5	
45 – 64	6	
20 – 44	7	Performance Level Category C: “Weak”
≤ 20	8	

FIG. 8

**FIG. 9**

First Practice / Revision Pattern

Day	Subject #1	Subject #2
1	Practice	Practice
2	Practice	Practice
3	<i>Revise</i>	<i>Revise</i>
4	Practice	Practice
5	Practice	Practice
6	<i>Revise</i>	<i>Revise</i>
7	Pattern Repeats	

Second Practice / Revision Pattern

Day	Subject #1	Subject #2	Subject #3
1	<i>Revise</i>	Practice	Practice
2	Practice	<i>Revise</i>	Practice
3	Practice	Practice	<i>Revise</i>
4	<i>Revise</i>	Practice	Practice
5	Practice	<i>Revise</i>	Practice
6	Practice	Practice	<i>Revise</i>
7	Pattern Repeats		

FIG. 10

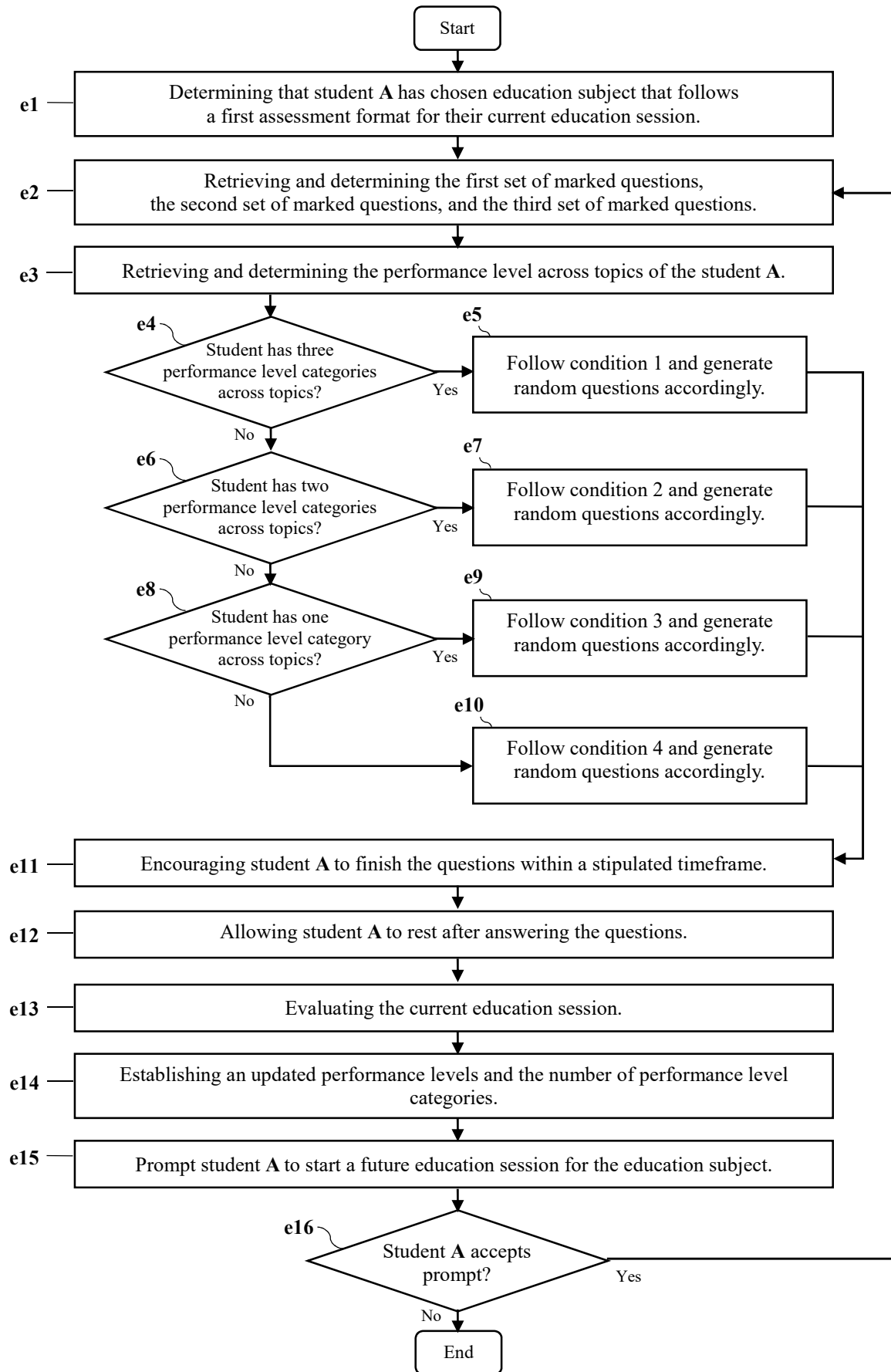
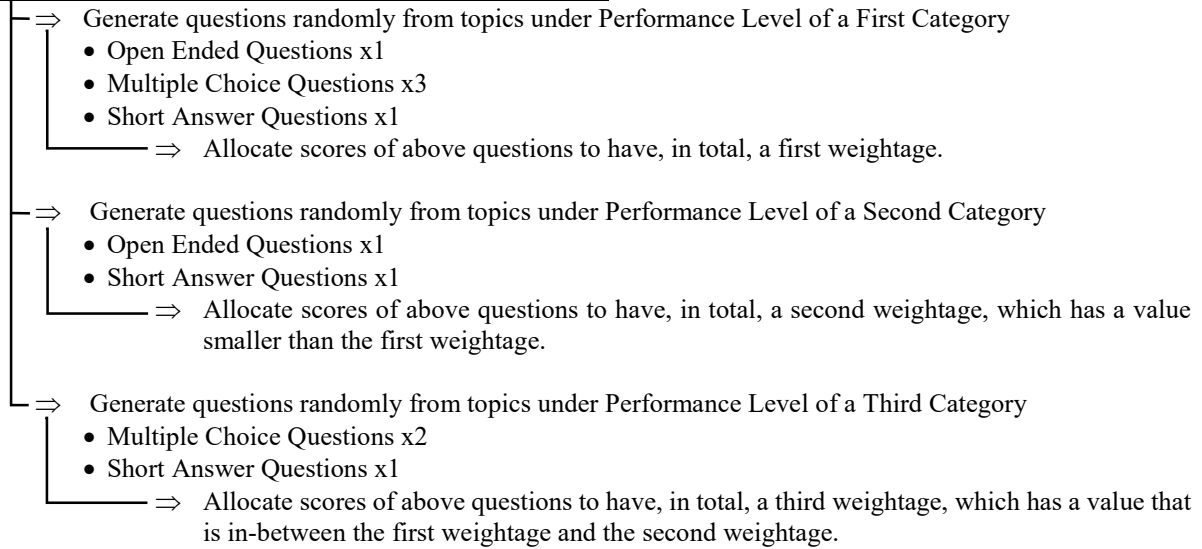


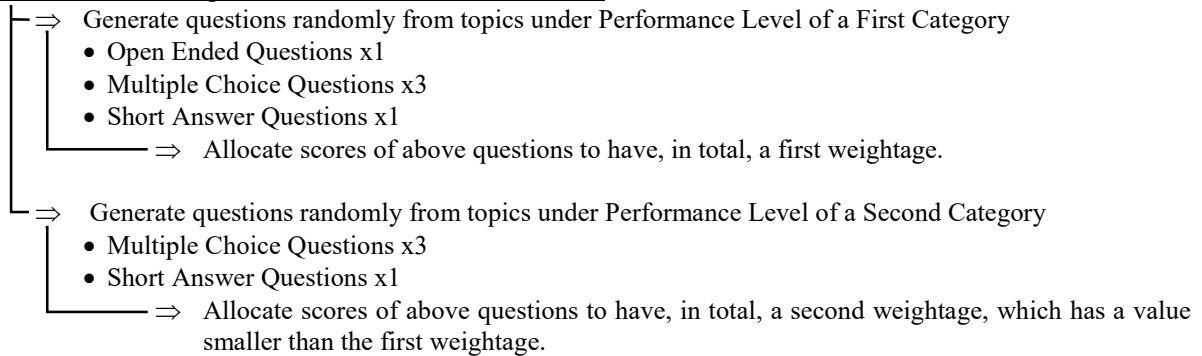
FIG. 11

**FIRST ASSESSMENT FORMAT CONFIG. FOR SUBJECT #1
(SCIENCE)**

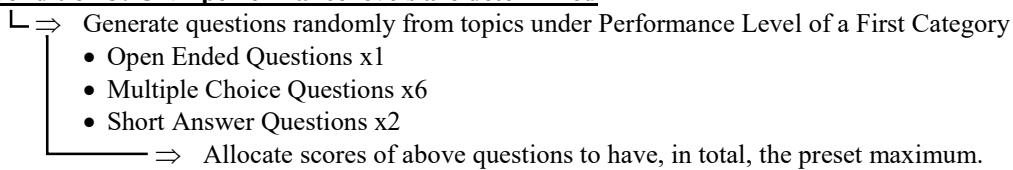
Condition 1: Three performance levels are determined



Condition 2: TWO performance levels are determined



Condition 3: ONE performance levels are determined



Condition 4: NO available performance levels (new user)

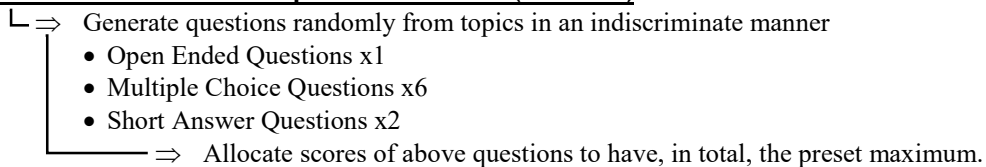


FIG. 12a

FIRST ASSESSMENT FORMAT CONFIG. FOR SUBJECT #2 (MATHEMATICS)

Condition 1: THREE performance levels are determined

- ⇒ Generate questions randomly from topics under Performance Level of a First Category
 - Open Ended Questions x1
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of all above questions to have, in total, a first weightage.
- ⇒ Generate questions randomly from topics under Performance Level of a Second Category
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, a second weightage, which has a value smaller than the first weightage.
- ⇒ Generate questions randomly from topics under Performance Level of a Third Category
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, a third weightage, which has a value that is equal to the second weightage.

Condition 2: TWO performance levels are determined

- ⇒ Generate questions randomly from topics under Performance Level of a First Category
 - Open Ended Questions x1
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, a first weightage.
- ⇒ Generate questions randomly from topics under Performance Level of a Second Category
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, a second weightage, which has a value smaller than the first weightage.

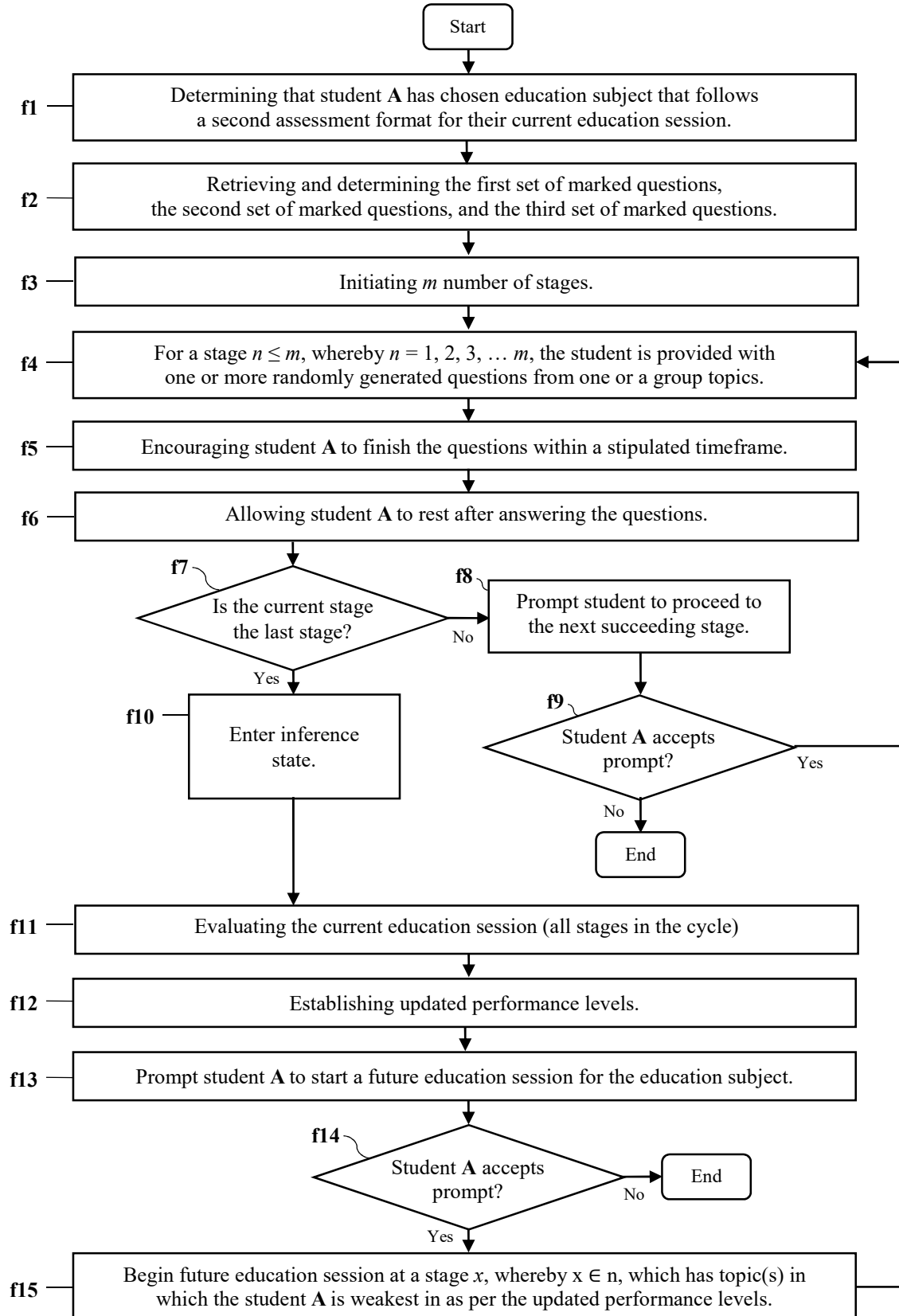
Condition 3: ONE performance levels are determined

- ⇒ Generate questions randomly from topics under Performance Level of a First Category
 - Open Ended Questions x1
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, the preset maximum.

Condition 4: NO available performance levels (new user)

- ⇒ Generate questions randomly from topics in an indiscriminate manner
 - Open Ended Questions x1
 - Multiple Choice Questions (random number of questions)
 - Short Answer Questions (random number of questions)
 ⇒ Allocate scores of above questions to have, in total, the preset maximum.

FIG. 12b

**FIG. 13**

**SECOND ASSESSMENT FORMAT CONFIG. FOR SUBJECT #3
(ENGLISH, PRIMARY 1 TO 2)**

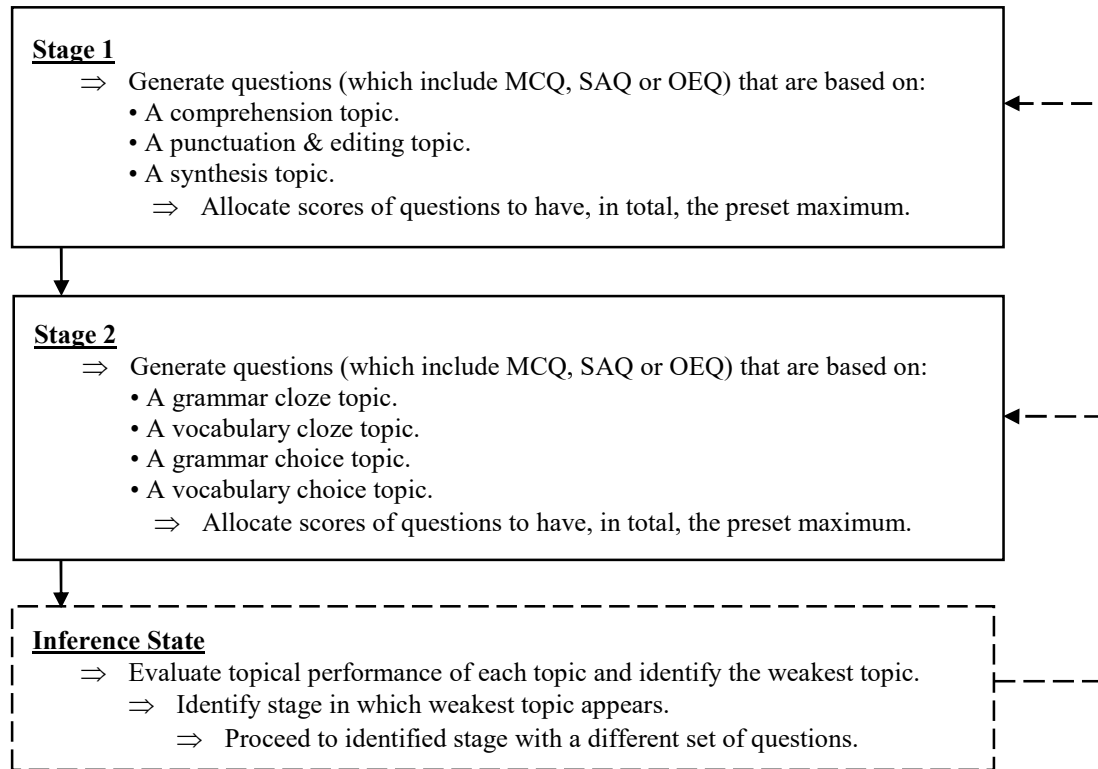


FIG. 14a

**SECOND ASSESSMENT FORMAT CONFIG. FOR SUBJECT #3
(ENGLISH, PRIMARY 3 TO 4)**

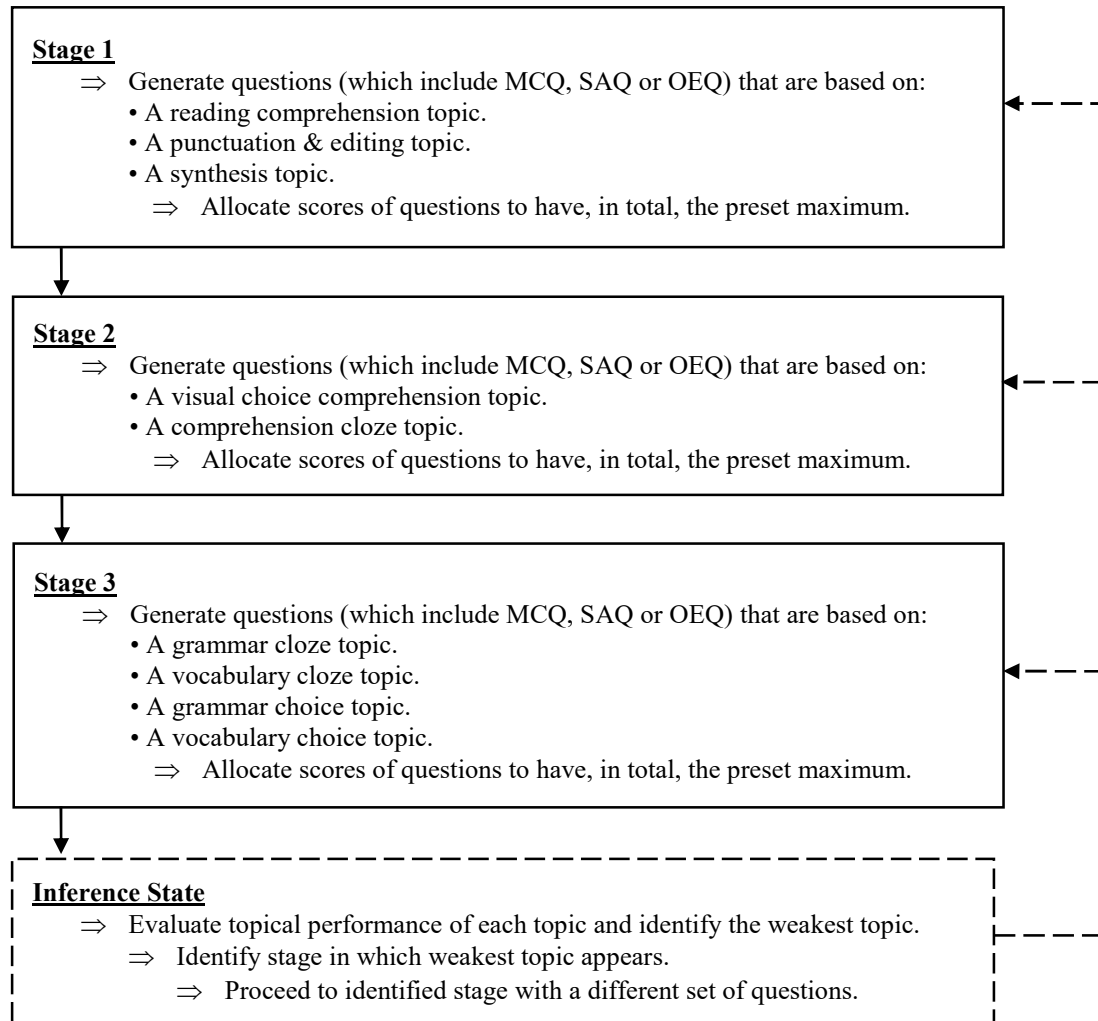


FIG. 14b

**SECOND ASSESSMENT FORMAT CONFIG. FOR SUBJECT #3
(ENGLISH, PRIMARY 5 TO 6)**

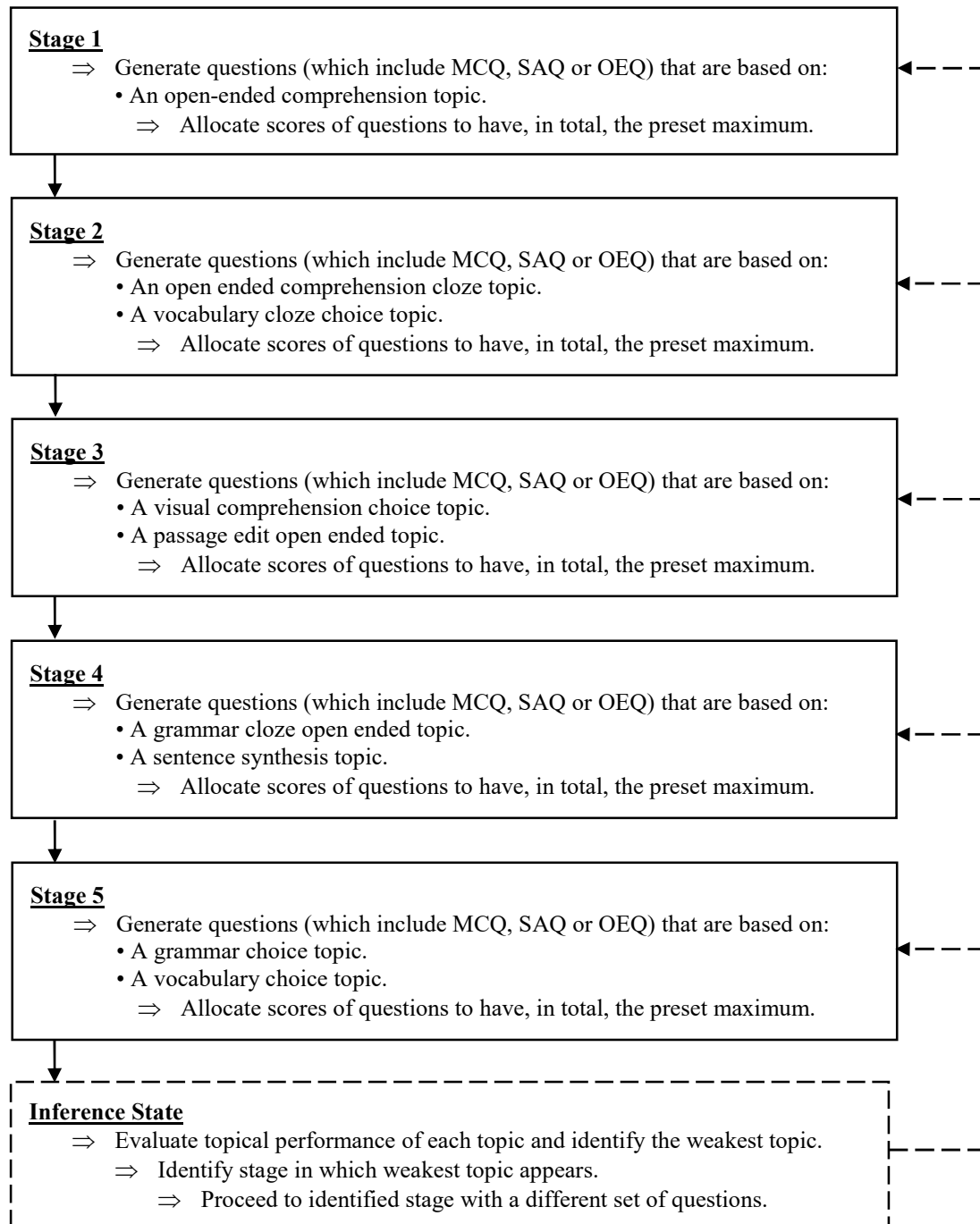


FIG. 14c

Class*	Subject*
-Select Class-▼	-Select Subject-▼
Mark*	Topic*
-Select Mark-▼	-Select Topic-▼
Exam*	Q&A Type*
-Select Exam-▼	-Select Type-▼

FIG. 15a

Question*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

Answers*

-Select/Enter number-

▼

○

Type Here...

⚙

●

Type Here...

⚙

○

Type Here...

⚙

○

Type Here...

⚙

Explanation*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

-Difficulty Settings-

▼

-Heuristic Settings-

▼

FIG. 15b

Question*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

Answers*

○

Keyword

+

●

Strict Keyword

+

Strict Keyword #1

Keyword #1

Strict Keyword #2

Type Here...

Mark

×

Type Here...

Mark

×

Type Here...

Mark

×

Explanation*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

-Difficulty Settings-

▼

-Heuristic Settings-

▼

FIG. 15c

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

Sub-Question(s)*

Sub-Question #1

×

Sub-Question #2

×

Sub-Question #3

×

+

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

-Difficulty Settings-

▼

-Heuristic Settings-

▼

Sub-Question*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

Answers*

-Select/Enter number-

▼

⦿

Type Here...

⚙

⦿

Type Here...

⚙

Explanation*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

-Difficulty Settings-

▼

-Heuristic Settings-

▼

Sub-Question*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

Answers*

⦿

Keyword

+

⦿

Strict Keyword

+

Strict Keyword #1

Keyword #1

Strict Keyword #2

Type Here...

Mark

Type Here...

Mark

Type Here...

Mark

Explanation*

Text Formatting

Image

+

Video

+

Hyperlink

+

Type Here...

-Difficulty Settings-

▼

-Heuristic Settings-

▼

FIG. 15d