

Assessment question writing: a guide to using Practique

MBChB Assessment Team



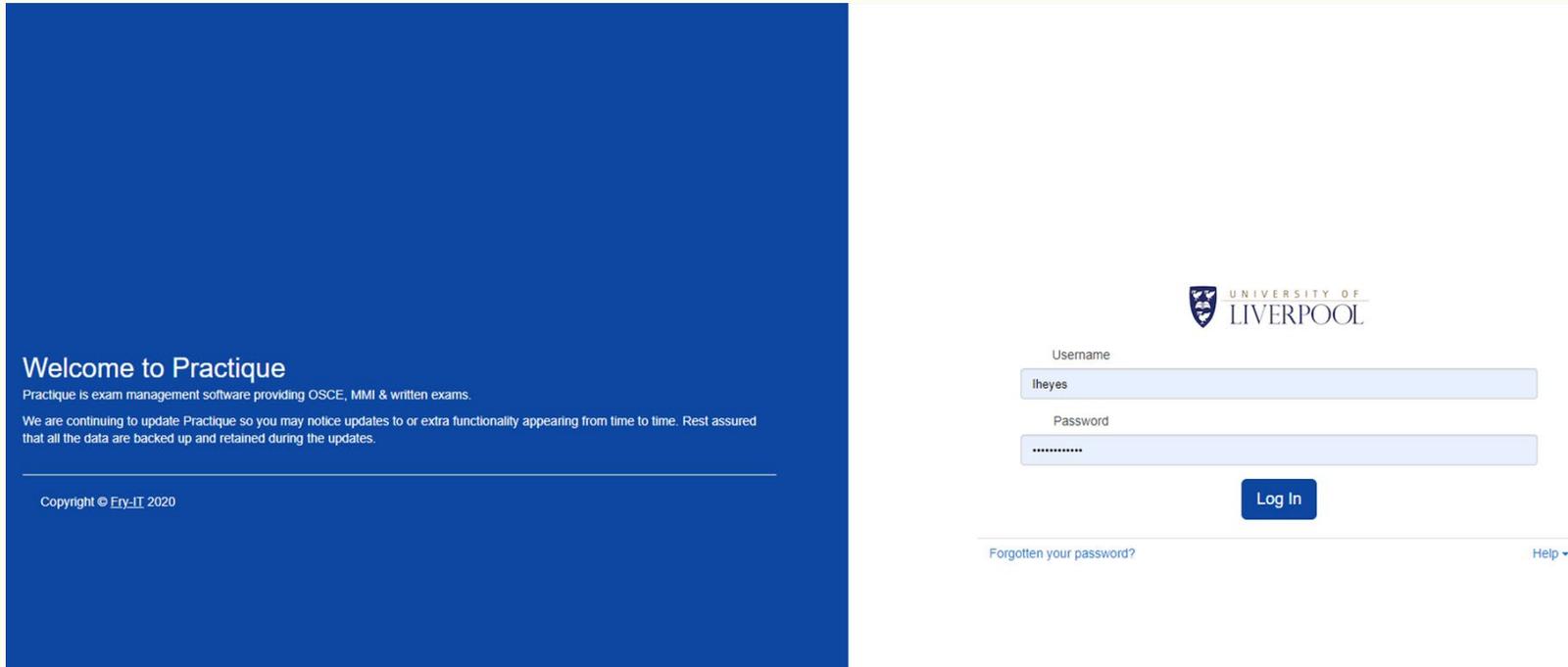
Introduction

- From 2020, the assessment team moved away from “paper based” question writing to use the question writing facility in Practique.
- This allows questions to be properly reviewed and approved and facilitates the creation of the Applied Knowledge Tests by having questions in one central store.
- This guide is to show you how to create, edit and send questions for review and approval.



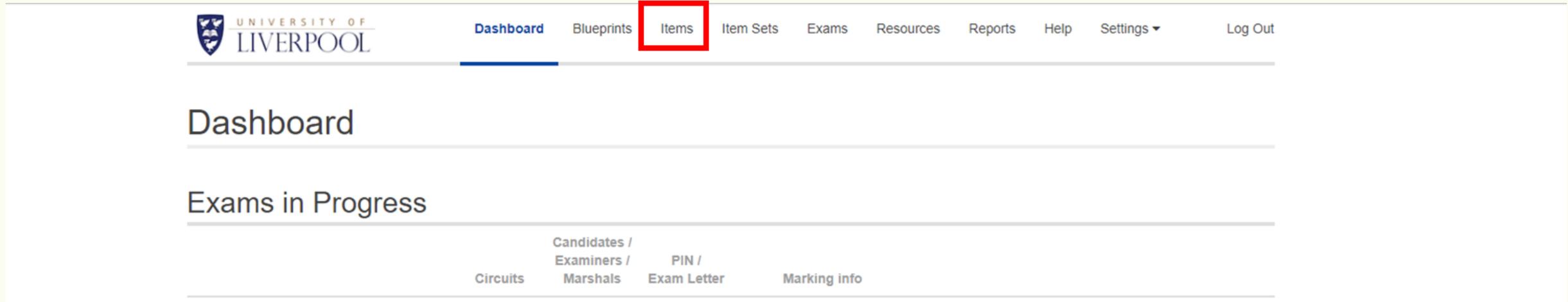
If you do not already have access, please request a username and password from the assessment team (medexam@liverpool.ac.uk) to log into Practique.

Log in at: <https://livsm.practique.net/>



The image shows a screenshot of the Practique login page. The page is split into two main sections. The left section has a dark blue background and contains the following text: "Welcome to Practique", "Practique is exam management software providing OSCE, MMI & written exams.", "We are continuing to update Practique so you may notice updates to or extra functionality appearing from time to time. Rest assured that all the data are backed up and retained during the updates.", and "Copyright © Fry-IT 2020". The right section has a white background and features the University of Liverpool logo at the top. Below the logo are two input fields: "Username" with the text "lheyas" and "Password" with masked characters. A blue "Log In" button is positioned below the password field. At the bottom of the white section, there are links for "Forgotten your password?" and "Help ▾".

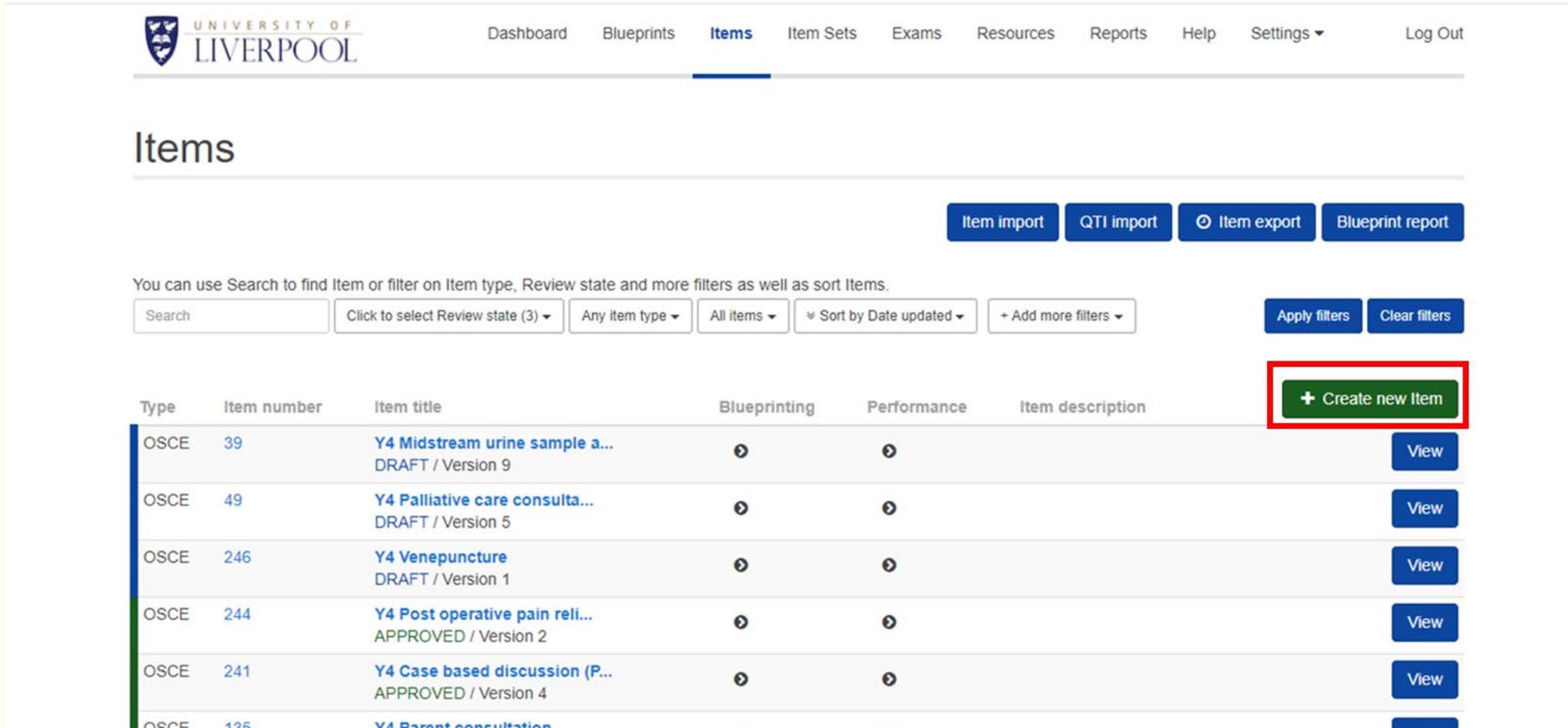
Once in the Practique dashboard you need to select “Items*”



The screenshot shows the Practique dashboard interface. At the top, there is a navigation bar with the University of Liverpool logo on the left and several menu items: Dashboard, Blueprints, Items, Item Sets, Exams, Resources, Reports, Help, Settings (with a dropdown arrow), and Log Out. The 'Items' menu item is highlighted with a red rectangular box. Below the navigation bar, the main content area is divided into sections. The first section is titled 'Dashboard'. The second section is titled 'Exams in Progress'. Below this section, there is a table with columns for 'Circuits', 'Candidates / Examiners / Marshals', 'PIN / Exam Letter', and 'Marking info'.

**Items is Practique’s terminology for questions.*

Once in the “Items” screen, select “Create new item”



UNIVERSITY OF LIVERPOOL

Dashboard Blueprints **Items** Item Sets Exams Resources Reports Help Settings ▾ Log Out

Items

Item import QTI import Item export Blueprint report

You can use Search to find Item or filter on Item type, Review state and more filters as well as sort Items.

Search Click to select Review state (3) ▾ Any item type ▾ All items ▾ Sort by Date updated ▾ + Add more filters ▾ Apply filters Clear filters

Type	Item number	Item title	Blueprinting	Performance	Item description	
OSCE	39	Y4 Midstream urine sample a... DRAFT / Version 9	🕒	🕒		View
OSCE	49	Y4 Palliative care consulta... DRAFT / Version 5	🕒	🕒		View
OSCE	246	Y4 Venepuncture DRAFT / Version 1	🕒	🕒		View
OSCE	244	Y4 Post operative pain reli... APPROVED / Version 2	🕒	🕒		View
OSCE	241	Y4 Case based discussion (P... APPROVED / Version 4	🕒	🕒		View
OSCE	135	Y4 Parent consultation	-	-		View

+ Create new Item

Follow the steps below:

1. Item type:

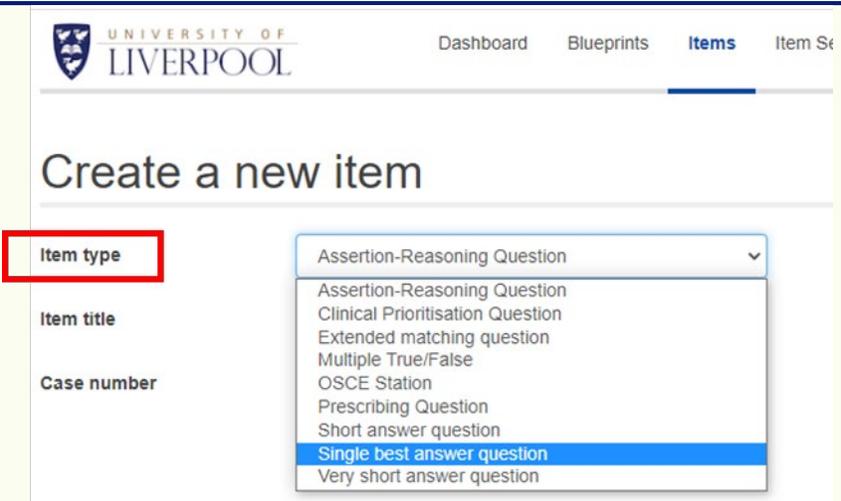
- Select “Single best answer question” from the dropdown menu.

2. Item title:

- Give your item an appropriate name e.g. Year 3 Dermatology - skin lesion

3. Leave the “**Case number**” as is, do not change.

4. Click “**Create Item**”



UNIVERSITY OF LIVERPOOL Dashboard Blueprints **Items** Item Se

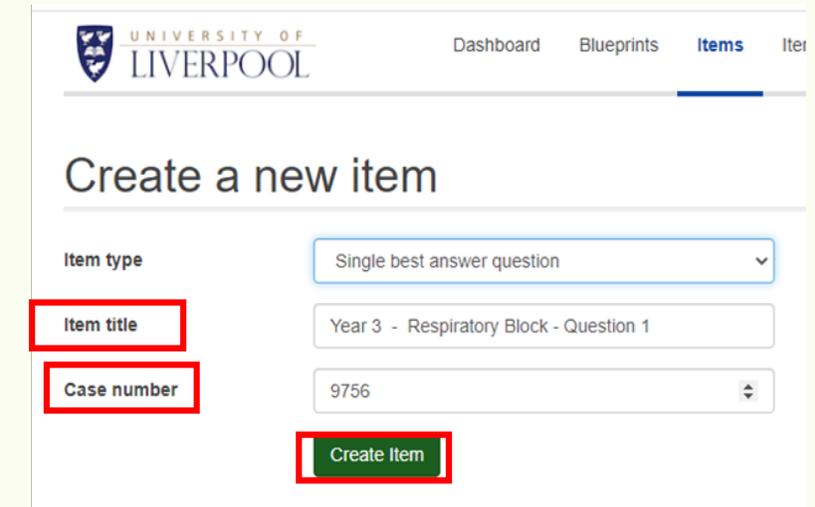
Create a new item

Item type Assertion-Reasoning Question

- Assertion-Reasoning Question
- Clinical Prioritisation Question
- Extended matching question
- Multiple True/False
- OSCE Station
- Prescribing Question
- Short answer question
- Single best answer question**
- Very short answer question

Item title

Case number



UNIVERSITY OF LIVERPOOL Dashboard Blueprints **Items** Iter

Create a new item

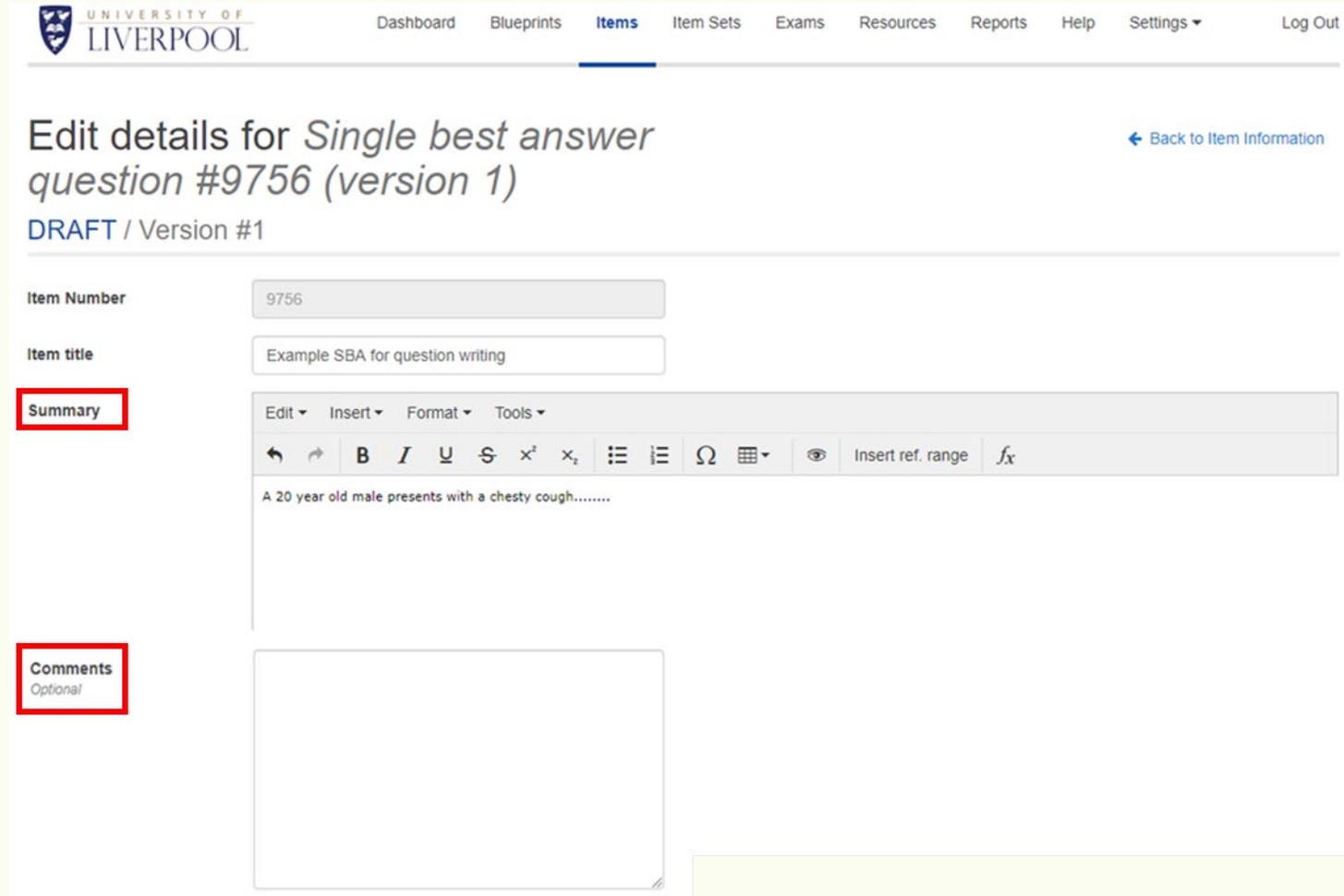
Item type Single best answer question

Item title Year 3 - Respiratory Block - Question 1

Case number 9756

Create Item

- Type in the main text of the question in the “Summary” box (you may copy and paste into the box from Word). If the question is for Year 3 or 4 include the scenario, then a line-break, then the lead-in question.
- To add the justification for an answer, please use the “Comments” box. This is an optional field.



The screenshot shows the 'Edit details' page for a 'Single best answer question #9756 (version 1)'. The page is in 'DRAFT / Version #1' status. The 'Item Number' is 9756 and the 'Item title' is 'Example SBA for question writing'. The 'Summary' box is highlighted with a red box and contains a rich text editor with the text 'A 20 year old male presents with a chesty cough.....'. The 'Comments' box is also highlighted with a red box and is labeled 'Optional'.

UNIVERSITY OF LIVERPOOL

Dashboard Blueprints **Items** Item Sets Exams Resources Reports Help Settings Log Out

Edit details for *Single best answer question #9756 (version 1)* [← Back to Item Information](#)

DRAFT / Version #1

Item Number: 9756

Item title: Example SBA for question writing

Summary

Edit Insert Format Tools

↩ ↪ B I U ↺ x² x₂ ☰ ☷ Ω 🗃 👁 Insert ref. range f_x

A 20 year old male presents with a chesty cough.....

Comments
Optional

- Leave all other “optional” boxes blank.
- To insert answers, click “**Add new answer**” five times for five answer options.

Examiner marking notes
Optional

Examiners will see this during the marking process

Angoff
Optional

70

Difficulty
Optional

Relevance
Optional

Answer order

Alphanumeric

Available answers

+ Add new answer

Question answers Resource Is correct? Delete ?

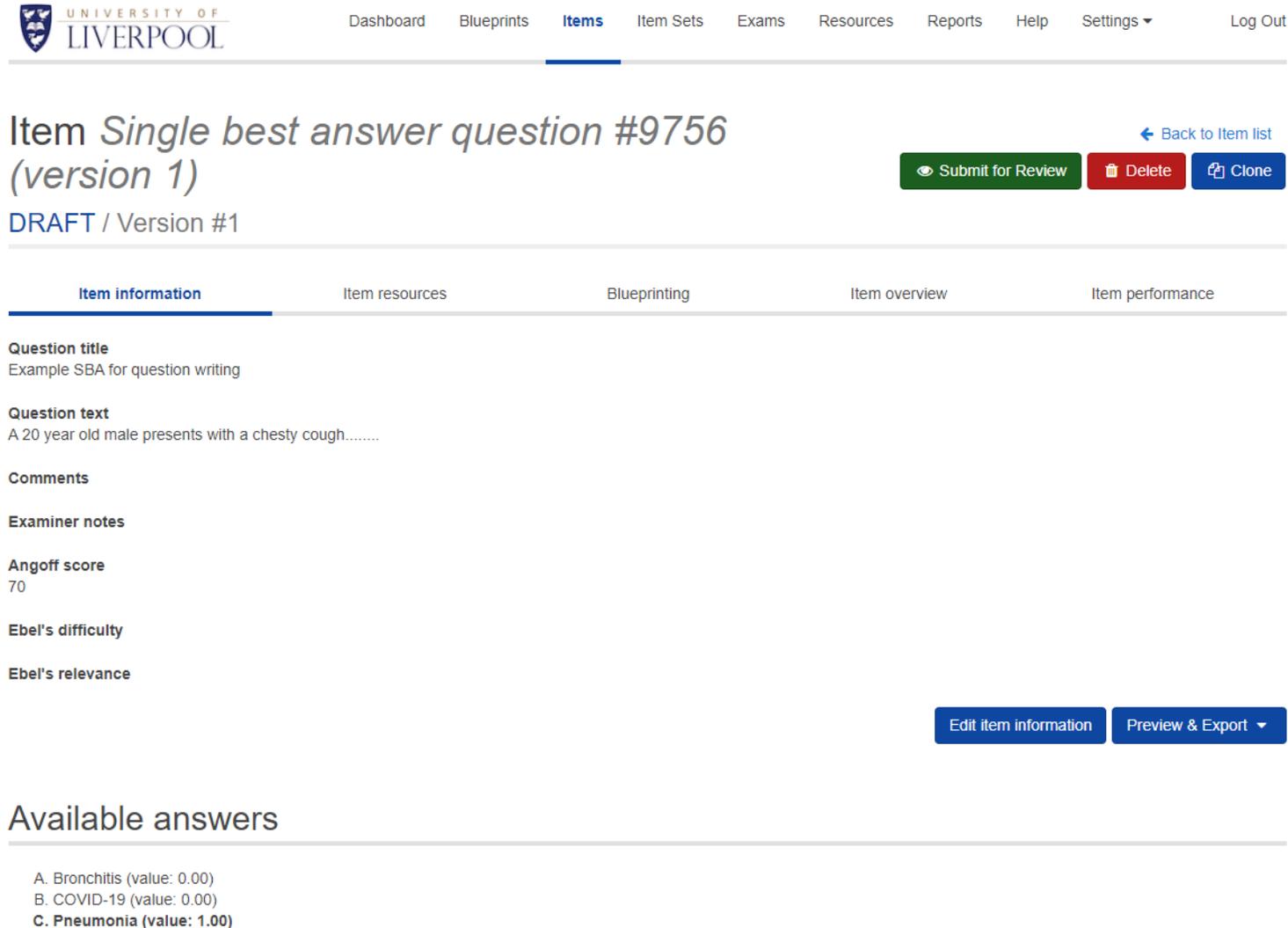
Save & Reload Save item

- Enter one answer per box in any order (without alphanumeric information).
- Check the “Is correct” box next to the correct answer.
- If you need to delete an answer row, mark in the delete box, and press Save & Reload.
- Once all your answers have been inputted, click “Save & Reload”, this should be your first review of the question. If you’re happy with the question and answer, click “Save item”.

Available answers + Add new answer

Question answers	Resource	Is correct?	Delete ?
<input type="text" value="Bronchitis"/>	Chosen resource: ----- Choose from Resource library	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text" value="COVID-19"/>	Chosen resource: ----- Choose from Resource library	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="text" value="Pneumonia"/>	Chosen resource: ----- Choose from Resource library	<input checked="" type="checkbox"/>	<input type="checkbox"/>

- The question is now at “Version 1”
- If your question has an image to attach, select “Item resources”



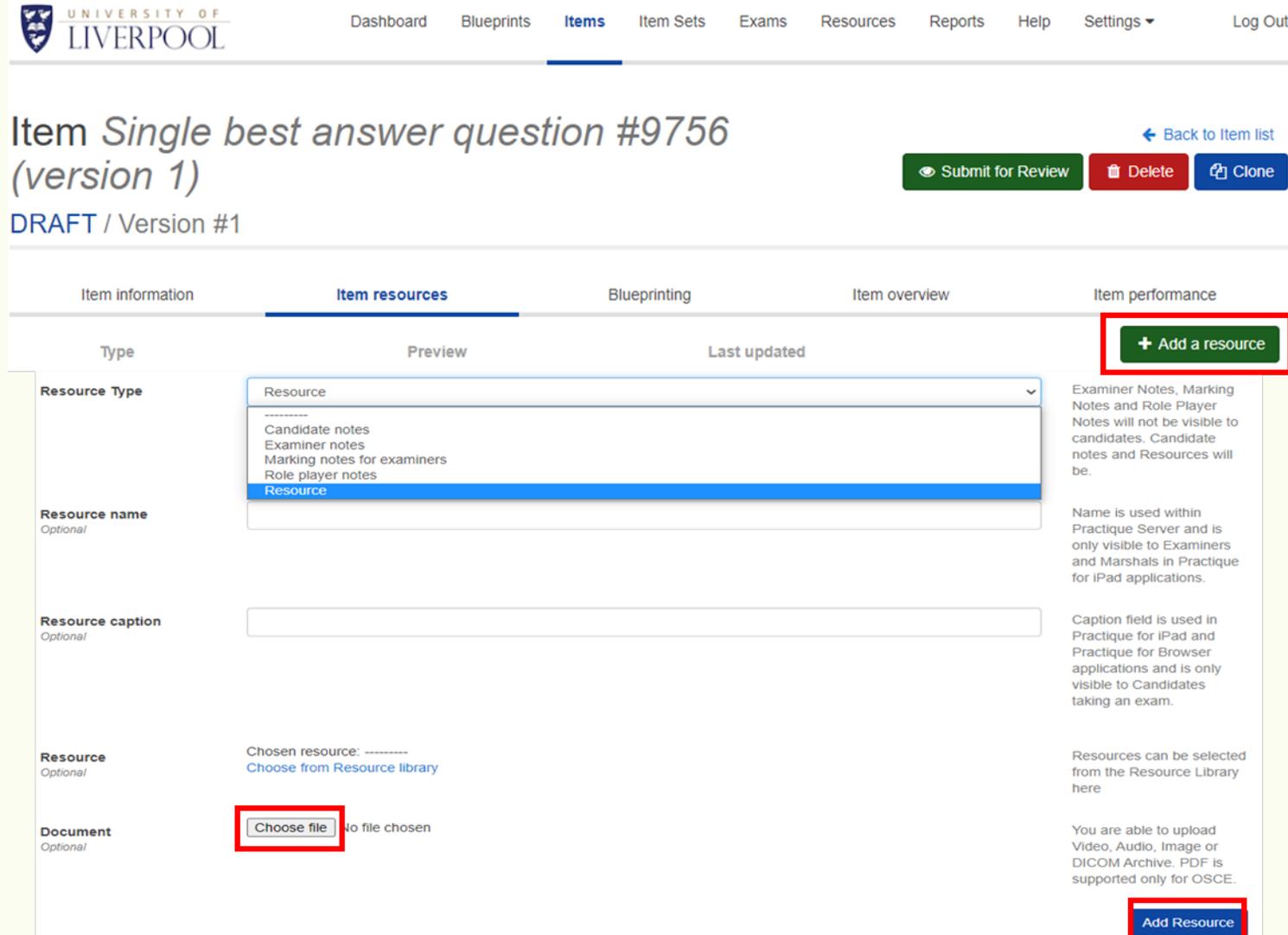
The screenshot shows the 'Item Management' interface for the University of Liverpool. The top navigation bar includes 'Dashboard', 'Blueprints', 'Items' (selected), 'Item Sets', 'Exams', 'Resources', 'Reports', 'Help', 'Settings', and 'Log Out'. The main content area displays the details for 'Item Single best answer question #9756 (version 1)'. It is currently in 'DRAFT / Version #1' status. Action buttons include 'Submit for Review', 'Delete', and 'Clone'. A 'Back to Item list' link is also present. Below the title, there are tabs for 'Item information' (selected), 'Item resources', 'Blueprinting', 'Item overview', and 'Item performance'. The 'Item information' tab shows the following details:

- Question title:** Example SBA for question writing
- Question text:** A 20 year old male presents with a chesty cough.....
- Comments:**
- Examiner notes:**
- Angoff score:** 70
- Ebel's difficulty:**
- Ebel's relevance:**

At the bottom right of the 'Item information' section, there are buttons for 'Edit item information' and 'Preview & Export'. Below this, the 'Available answers' section lists three options:

- A. Bronchitis (value: 0.00)
- B. COVID-19 (value: 0.00)
- C. Pneumonia (value: 1.00)

- Click **“Add a resource”** and then select **“Resource”** from the drop down.
- In **“Document”** select **“Choose file”** and select the image
- Click **“Add Resource”**
- Note that the resource must first have been uploaded to the resource library, via the Resources tab in the horizontal bar at the top of the screen.

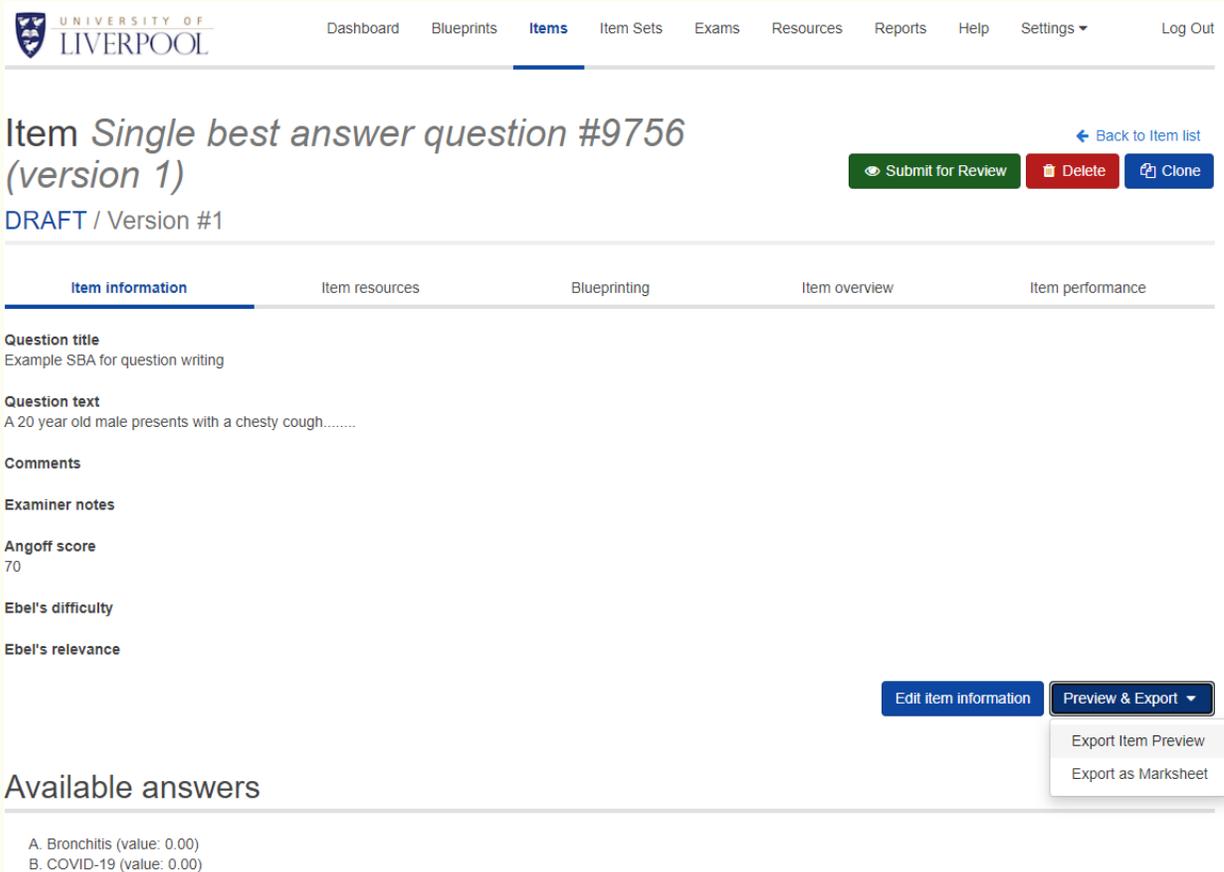


The screenshot shows the 'Item resources' tab for a draft question. The page title is 'Item Single best answer question #9756 (version 1)'. The status is 'DRAFT / Version #1'. The navigation bar includes 'Dashboard', 'Blueprints', 'Items', 'Item Sets', 'Exams', 'Resources', 'Reports', 'Help', 'Settings', and 'Log Out'. The 'Item resources' tab is active, showing a table with columns for 'Type', 'Preview', and 'Last updated'. A '+ Add a resource' button is highlighted in a red box. The 'Resource Type' dropdown menu is open, showing options: 'Resource', 'Candidate notes', 'Examiner notes', 'Marking notes for examiners', 'Role player notes', and 'Resource'. The 'Resource name' field is optional. The 'Resource caption' field is optional. The 'Resource' field is optional and shows 'Chosen resource: -----' and 'Choose from Resource library'. The 'Document' field is optional and has a 'Choose file' button highlighted in a red box. The 'Add Resource' button at the bottom right is also highlighted in a red box.

- To add some tags to the question, select “**Blueprinting**”.
- The main parameters to populate are:
 - AFL/AFP – Assessment for Learning or Assessment for Progression – the Year Assessment Lead will usually determine this
 - Year of Study
 - System (if relevant)
 - Speciality* (if relevant)

Item information	Item resources	Blueprinting	Item overview	Item performance
Blueprint map		Dimension(s)		
AFL/AFP		Add coordinate	AFL/AFP AFP	Change Remove
Map: Curriculum		Add coordinate	No coordinates defined	
Map: Domains		Add coordinate	No coordinates defined	
Outcomes for graduates		Add coordinate	No coordinates defined	
Sequence		Add coordinate	No coordinates defined	
Speciality		Add coordinate	Speciality Emergency Medicine	Change Remove
System		Add coordinate	System Block Respiratory	Change Remove
Year of study		Add coordinate	Year of study Year 3	Change Remove
sp feedback box		Add coordinate	No coordinates defined	

- After completing the above steps, you can “Preview and Export” your question. This will give you an idea how it will look in the assessment.



UNIVERSITY OF LIVERPOOL

Dashboard Blueprints **Items** Item Sets Exams Resources Reports Help Settings Log Out

Item *Single best answer question #9756* (version 1)

DRAFT / Version #1

← Back to Item list

Submit for Review Delete Clone

Item information Item resources Blueprinting Item overview Item performance

Question title
Example SBA for question writing

Question text
A 20 year old male presents with a chesty cough.....

Comments

Examiner notes

Angoff score
70

Ebel's difficulty

Ebel's relevance

Edit item information Preview & Export

Export Item Preview
Export as Marksheet

Available answers

A. Bronchitis (value: 0.00)
B. COVID-19 (value: 0.00)

Single best answer question #9756 (version 1)

Question title

Example SBA for question writing

Question text

A 20 year old male presents with a chesty cough.....

Comments

Examiner notes

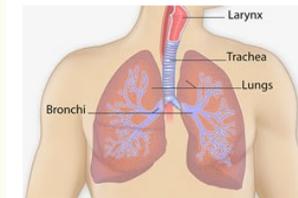
Angoff score

70

Ebel's difficulty

Ebel's relevance

Resources



Name
Caption

Available answers

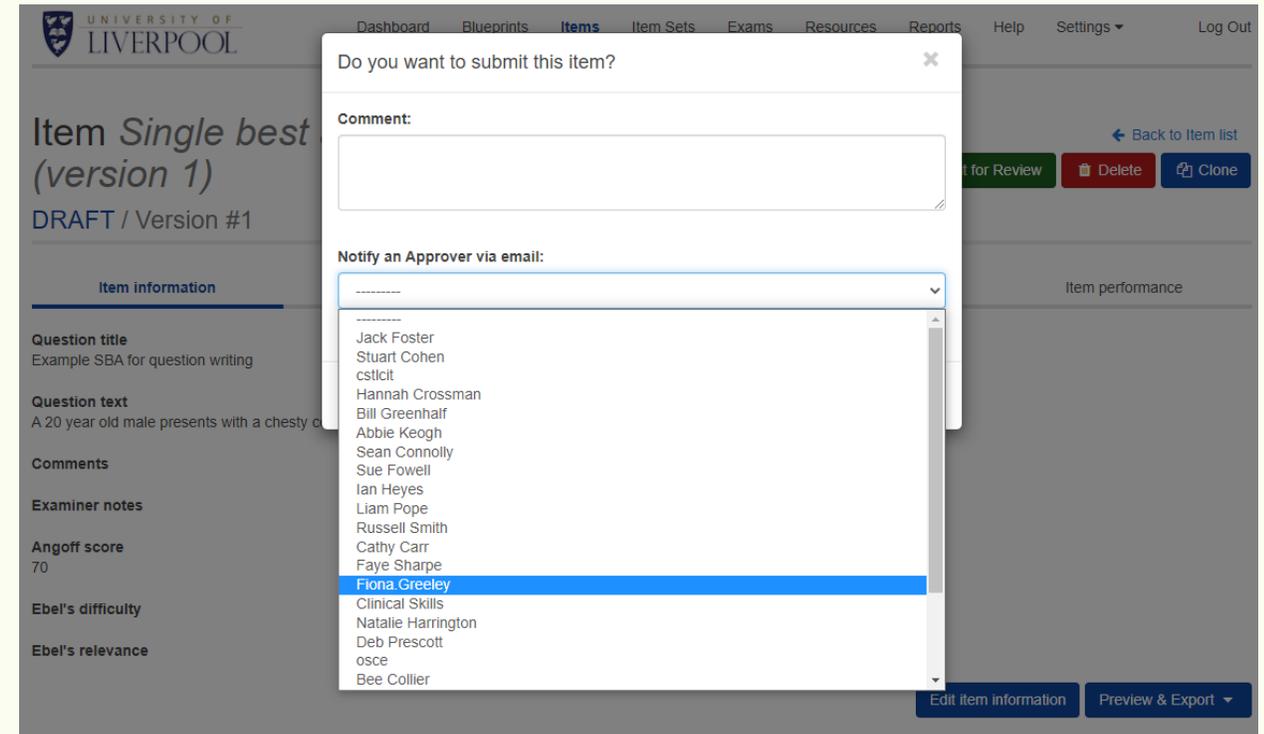
- A. Bronchitis
- B. COVID-19
- C. Pneumonia

Example HTML Preview

- When you are happy with the question you can “Submit for Review” to the Year Assessment Lead.
- Select “Submit for Review” and select the Year Assessment Lead to submit.
- Once submitted, the Year Assessment Lead will receive an email and will approve or reject the question.

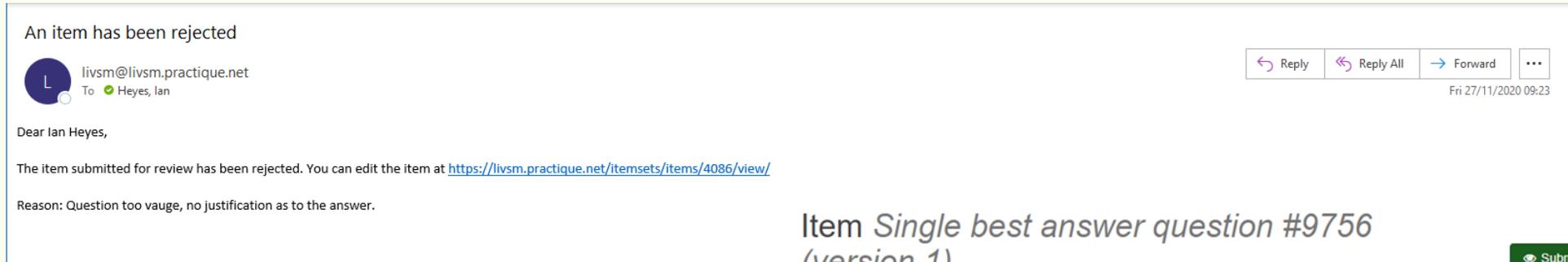
Item *Single best answer question #9756*
(version 1)

DRAFT / Version #1



The screenshot shows the University of Liverpool assessment system interface. A modal dialog is open with the title "Do you want to submit this item?". The dialog contains a "Comment:" field, a "Notify an Approver via email:" dropdown menu, and a list of approvers. The approver "Fiona Greeley" is selected. The background shows the item details for "Item *Single best answer question #9756* (version 1)" in "DRAFT / Version #1" status. The interface includes navigation tabs like "Dashboard", "Blueprints", "Items", "Item Sets", "Exams", "Resources", "Reports", "Help", "Settings", and "Log Out".

- If your question is rejected, you will receive an email explaining why. Click the link in the email and it will take you directly to the question.



- Click “Edit item information” and you can edit the question and/or answers.
- When edited and complete, follow the same steps to send back for review and approval.

Item *Single best answer question #9756* (version 1)

DRAFT / Version #1

[← Back to Item list](#)

[Submit for Review](#) [Delete](#) [Clone](#)

Item information

Item resources

Blueprinting

Item overview

Item performance

Question title

Example SBA for question writing

Question text

A 20 year old male presents with a chesty cough.....

Comments

Examiner notes

Angoff score

70

Ebel's difficulty

Ebel's relevance

[Edit item information](#) [Preview & Export](#)

Thank you.

If you have any queries, please contact the Assessment Team at medexam@liverpool.ac.uk or the relevant Year Assessment Lead.

