



# Question/Item Bank System

## Question/Item Bank System

### STANDARD QUESTION/ITEM BANK SOFTWARE

Linking with the Trax MultiTest Examination software or any other examination system able to support .CSV or Excel file transfers, the optional **QUESTION/ITEM BANK** module allows users to generate questions from a previously created common question pool. It contains a multi-tiered bank option which permits users to have as many sub headings to a main subject title as required. A common question pool can be created, which includes password protected subsections to allow individual administrators or lecturers with speciality options access to create their own question pools.

Question history such as reliability, last use, number of times used is included as well as the ability to randomly generate questions from selected sections and not repeat the same questions immediately on future selections. Weightings by question and response is available plus the ability to set the correct answer to questions and to have active and inactive questions and responses within a question.

Question types supported include, for paper based examinations, the creation of multi-stem, multiple choice, extended matching, multiple correct answers, Yes/No, and True/False type questions. Additionally, Online users can also include video, image based, ordering and other types of questions. Other options include items such as blueprinting, versioning, ability to set difficulty, importance and Ebel ratings, using the Holsgrove 9 point scale method plus the facility to randomise each question set to help prevent plagiarism.

Generation of question lists can either be Online with the examination/test or in paper based booklet format, with any pictures or diagrams either embedded with each question or printed in separately with a figure number cross reference so as to reduce the cost of printing, especially where colour diagrams or pictures are used.

### OSCE/OSPE PRACTICAL ASSESSMENT QUESTION/ITEM BANK MODULE

A variation of the standard Question/Item Bank this module is specifically designed for use with the OSCE/OSPE Practical Assessment software and allow users to generate pre-populated practical assessment stations from a previously created pool of scenarios. A series of templates is used when generating the station information so that the correct layout for online, tablet/mobile device application and paper is automatically generated by the system and presented in the correct format. Question or Assessment Station history such as reliability, last use, number of times used etc. is also included as well as the ability to randomly generate questions/stations from selected sections, and not repeat the same ones again immediately on future selections unless authorised by the administrator. Similar options to those listed above regarding station statistics and performance are also included in this module.

To summarise the system is -

- 😊 **User Friendly** - and simple to use when compared to other systems.
- 😊 **Flexible** - with the ability to automatically integrate with other Examination or MIS systems.
- 😊 **Competitive** - and cost effective in terms of time and labour.
- 😊 **Choice** - can be tailored to suit individual needs or used as an off the shelf system

The screenshot displays the TraxUK Question Bank software interface. On the left, a tree view shows a hierarchy of subjects including Clinical, Basic, and OSCE. The main window shows a table of questions with columns for Question ID, Question Text, Last Date Used, and Number of Answers. Below this, there's a section for OSCE/OSPE assessment stations with a text area for question text and options for generating questions. At the bottom, a 'TraxUK Question Bank' window shows a grid of multiple-choice questions with columns A through E and rows numbered 1 to 15.