



Practical Assessment/OSCE Systems

Practical Assessment/OSCE Examinations Module

Based on the PRINT & SCAN concept, the **OSCE/Practical Assessment Examination** system allows users to create and set tests and assessments for a wide spectrum of practical skills where a candidate needs to be assessed on their knowledge, skills and attitude in a simulated real life scenario. This covers a wide range of professions including trainee doctors, dentists, nurses, fire, health, safety and police recruits plus anyone involved in a profession where practical assessments are needed for continuing development. Supplied as either a stand alone system or with an integrated optional **QUESTION/ITEM BANK** module, the system supports both Online and Paper based technologies, which can be used individually or together at the same time to give a system that is -

- ☉ **Flexible** - with the ability to generate forms automatically both online and on paper or a mix of both
- ☉ **Competitive** - and price sensitive when compared to other systems
- ☉ **Proven** - in practise in the field in real life assessment scenarios.

Using the principle of ‘design once and generate onto any platform’, the system enables users to design forms for use online or on paper without the need to learn new procedures or techniques. Alternatively, with the **QUESTION/ITEMBANK** module installed, the system is able to automatically generate OSCE/Assessment circuits for an examination/test which, from the station information entered, is able to produce form templates for use on tablets, PC’s, mobile devices or paper.

For the online option, screen based form checking and correction to ensure that all responses are entered by examiners is standard along with the ability to assign a tablet or mobile device to any station location within an Assessment/OSCE circuit, whereby an examiner simply enters their ID, circuit and station number assigned (the administrator will always assign a centre/location if more than one exam centre is used). From experience, this approach avoids timing issues if one examiner needs to log out and another log on to the same tablet should the tablet be assigned to a single station. As an application approach has been utilised for the system rather than a pure online scenario, the data collected for each candidate taking the test is stored on the tablet/mobile device in memory as well as online by a unique polling system., which continuously addresses the web server. These and the other features in the system give -

- ☉ **Flexibility** - with regard to the use of examiners, stations and circuits/locations
- ☉ **Instant Access** - to test and assessment results from downloaded data with warnings of poorly performing candidates or examiners.
- ☉ **Choice** - can be tailored to suit individual needs or used as an off the shelf system

QUESTION/ITEM BANK MODULE

Linking with the OSCE/Assessment software above, the optional **QUESTION/ITEM BANK** module allows users to generate pre-populated assessment stations from a previously created pool of scenarios. 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 as well as password protected subsections for individual administrators. 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.

Assessment station history such as reliability, last use, number of times used, degree of difficulty etc., is included as well as the ability to randomly generate stations from selected sections and not repeat the same assessments stations immediately on future selections, unless authorised by the administrator.

S. No.	CandidateID	Correct	Incorrect	No Answer	Ready	Part 1 Score	Part 2 Score	Passmark	Result
1	375	45	22	0	C	43	N/A	51.2%	P
2	376	36	21	0	C	36	N/A	29%	P
3	527	49	19	0	C	48	N/A	57.1%	P
4	503	54	16	0	C	58	N/A	70%	P
5	522	45	19	0	C	45	N/A	53.2%	P
6	270	42	22	0	C	33	N/A	39.8%	P
7	719	44	18	0	C	44	N/A	52.8%	P
8	244	47	21	0	C	47	N/A	56.4%	P
9	244	50	19	0	C	49	N/A	58.8%	P
10	226	42	22	0	C	34	N/A	41.2%	P
11	226	41	23	0	C	33	N/A	40%	P
12	229	43	21	0	C	39	N/A	47.1%	P
13	229	41	18	0	C	41	N/A	49.4%	P
14	230	47	23	0	C	47	N/A	56.4%	P
15	228	40	22	0	C	37	N/A	44.8%	P
16	228	43	17	0	C	43	N/A	51.8%	P
17	228	40	20	0	C	40	N/A	48%	P
18	228	41	24	0	C	37	N/A	44.8%	P
19	228	42	19	0	C	42	N/A	50.6%	P
20	228	35	16	0	C	35	N/A	42.4%	P