

## Healthcare Messaging

### 7.3 HL7 in Healthcare

#### Candidate Assessment Questionnaire (Paper A)

<b>Candidate Registration</b>			
Please fill in your personal details below all. All fields are mandatory to complete your registration			
First Name		Last Name	
Date of Birth		Gender (Male/Female)	
Candidate Number			
Occupation/Job Title:		Line Manager	
Organisation/Trust:			
Contact Address			
Contact telephone number		email address	
Department/Specialty/Ward:			
Date (dd/mm/yyyy)			
Signature			
<p><b>Instructions and Guidance</b></p> <ul style="list-style-type: none"> <li>• If completing <b>online</b>, before commencing this assessment paper, use the '<b>File</b>' Menu and '<b>Save as</b>' command to save this document. Use your <b>Last name and candidate number as the filename</b> and <b>save</b> to the folder location on your PC specified by the Tutor/Assessor</li> <li>• Save your work regularly during the assessment to minimise the risk of data loss</li> <li>• Be sure to save and once you have completed the assessment and added any comments.</li> </ul> <p><b>Please answer each of the questions in this paper</b></p> <ul style="list-style-type: none"> <li>• To pass this paper you must achieve 22.5 out of 30 possible marks (75%)</li> <li>• Mark only <b>ONE BOX</b>, for each of the questions unless otherwise instructed within the question (1 mark is awarded for each question)</li> <li>• Five (5) marks may be achieved for the last question. A half mark may be awarded where <b>full</b> understanding has not been demonstrated</li> </ul> <p><b>Time Allowed</b></p> <ul style="list-style-type: none"> <li>• 1 Hour</li> </ul>			
If, after completing the questionnaire, you would like to make comments, please do so below			

## Candidate Assessment Questionnaire

### 7.3 HL7 in Healthcare

**Candidate please:** Mark only **ONE answer box** for each question.

**Assessor  
comment**

1	Which of the following best explains HL7? (1 mark)		
	<b>A</b>	Health Link 7	<input type="checkbox"/>
	<b>B</b>	Health Level 7	<input type="checkbox"/>
	<b>C</b>	Healthcare List 7	<input type="checkbox"/>
	<b>D</b>	Healthcare Linear 7	<input type="checkbox"/>

2	HL7 provides a set of predefined logical formats for which of the following? (1 mark)		
	<b>A</b>	Messages	<input type="checkbox"/>
	<b>B</b>	networks	<input type="checkbox"/>
	<b>C</b>	Image development	<input type="checkbox"/>
	<b>D</b>	Image resolution	<input type="checkbox"/>

3	HL7 messages are structured. Which of the following would best describe this? (1 mark)		
	<b>A</b>	Messages are made up of segments	<input type="checkbox"/>
	<b>B</b>	Each segment contains one or more fields of defined data types	<input type="checkbox"/>
	<b>C</b>	Fields can contain components and subcomponents	<input type="checkbox"/>
	<b>D</b>	All of these	<input type="checkbox"/>

4	Which of the following best describes the function of HL7? (1 mark)		
	<b>A</b>	Carrying information between domains	<input type="checkbox"/>
	<b>B</b>	Reg info is forward to radiology and other dept systems	<input type="checkbox"/>
	<b>C</b>	Working with other standards e.g. DICOM	<input type="checkbox"/>
	<b>D</b>	All of these	<input type="checkbox"/>

5	The main difference between HL7 v2 and 3 can be described as which of the following? (1 mark)		
	<b>A</b>	They both need datasets to operate	<input type="checkbox"/>
	<b>B</b>	They are the same	<input type="checkbox"/>
	<b>C</b>	Version 2 is message based as version 3 is model based	<input type="checkbox"/>
	<b>D</b>	Version 3 is message based as version 2 is model based	<input type="checkbox"/>

6	Data Link and Physical are both layers of HL7 controls. List 3 other layers (5 marks)		
			up to <b>5</b> marks

7	In HL7 messages that refer to the movement of a patient is also known as? (1 mark)		
	<b>A</b>	ACK	<input type="checkbox"/>
	<b>B</b>	DICOM	<input type="checkbox"/>
	<b>C</b>	ADT	<input type="checkbox"/>
	<b>D</b>	P1	<input type="checkbox"/>

8	Which of the following describes a component separator? (1 mark)		
	<b>A</b>	delimits components (sub-fields) within a single occurrence of a field value	<input type="checkbox"/>
	<b>B</b>	delimits occurrences (repetitions) within a field	<input type="checkbox"/>
	<b>C</b>	may be used at the beginning and end of text to indicate special processing	<input type="checkbox"/>
	<b>D</b>	delimits subcomponents (sub-sub-fields) within a single component	<input type="checkbox"/>

9	In HL7 the term ADT refers to which of the following?? (1 mark)		
	<b>A</b>	Admissions, Discharge and Transfers	<input type="checkbox"/>
	<b>B</b>	Acknowledgement of Discharge Text	<input type="checkbox"/>
	<b>C</b>	Accept, Direct and Translate	<input type="checkbox"/>
	<b>D</b>	Accept, Discharge and Translate	<input type="checkbox"/>

10	Which of the following describes an escape character? (1 mark)		
	<b>A</b>	delimits components (sub-fields) within a single occurrence of a field value	<input type="checkbox"/>
	<b>B</b>	delimits occurrences (repetitions) within a field	<input type="checkbox"/>
	<b>C</b>	may be used at the beginning and end of text to indicate special processing	<input type="checkbox"/>
	<b>D</b>	delimits subcomponents (sub-sub-fields) within a single component	<input type="checkbox"/>