

GW - Theory

Name and surname:

Points:

Grade:

Note: It is a knowledge test; no supporting materials are allowed!

	Points
1 Tick whether the following sentences are true or false.	3
The amount of IPv6 addresses is limitless. YES NO	
JSON format is the main format for SVG encoding. YES NO	
XML files cannot contain text with special characters. YES NO	

2 Briefly but accurately define the following terms:	6
Web service	
Web map application	
GeoJSON	

3 Compare following standards	2
WCS and WFS	

4 Tick all valid responses for every question.	4
Question can contain from zero to 4 valid answers.	
Correct answer is +1 point.	
Wrong or missing answer is -1 point.	

Which standards define services?

Styled Layer Description	Web Processing Service	OGC API	GeoPackage
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Web map service			
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A web map service is a web service that serves vector data.	A web map service provides users with access to the original data, allowing them to modify content.	Any standard does not define web map service.	Web map service provides filtering functions for data selection.
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Modern web mapping application			
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Modern web mapping applications can visualise only vector data.	Modern web mapping applications can be based on open-source as well as commercial libraries.	A modern web mapping application cannot use any coordinate system.	Modern web mapping applications offer various levels of interactivity.

Assessment

Grade	Points
1	14 - 15
2	11 - 13
3	8 - 10
4	0 - 7

GW - Practical

Name and surname:

Points

Grade

Final grade

Note: It is a skills test; supporting materials are allowed, but time is strictly limited.

1 Draw the French national flag using SVG.

Points

4

2 Using any web mapping library, create a map window and visualise 5 features that will represent 3 types of land cover. Every land cover type will be represented by a different map symbology.

8

3 Create an HTML (JavaScript) page that parses an arbitrary GeoJSON object to a table where rows contain the geometry type and the names of attributes for every feature in the object.

8

Assessment

Grade

Points

1

18 - 20

2

15 - 17

3

10 - 14

4

0 - 9