

Section: Raster

Answers to section modules.

Module Name **Georeferencing**

Question: Georeferencing flows us to

Module Name **Raster calculator**

Question: Is the Unique Values render type specific to raster data only

[Answer:](#) Yes

Question: Which of these datasets can we apply arithmetic operations on

[Answer:](#) A GIS raster dataset where each pixel represents the depth of a flood

Question: Raster calculator can be used with Digital elevation models

[Answer:](#) True

Module Name **Multi band Satellite Imagery**

Question: What is a satellite image

[Answer:](#) A raster layer that has pixel values which represent natural phenomenon

Question: What statement best describes the spatial resolution of a satellite image

[Answer:](#) When the satellite contains more than 1 spectral band

Question: Can satellite imagery be used to monitor plant growth with consideration that plants grow rapidly

[Answer:](#) True

Module Name **Raster to vector conversion**

Question: When is it necessary to convert a raster to vector

[Answer:](#) When we have derived new information and such that further analysis require data to be combined with other vector sources.

Question: Why would you want to have two different map layouts using the same layer

[Answer:](#) Vectorisation can only be done on a raster that has been classified or a raster layer that is a mask.

Question: Can you calculate total area for raster cells greater than 100m without converting to vector

[Answer:](#) *False*

Module Name **Stream catchment delineation**

Question: What does the abbreviation DEM stand for

[Answer:](#) *Digital elevation model*

Question: Which of these represents a derivative of a digital elevation model

[Answer:](#) *A slope curvature map that is used by surveyors to determine the direction at which the sun shines*

Question: Are plugins accessible in the processing toolbox of QGIS

[Answer:](#) *True*

Module Name **Clipping Rasters**

Question: DEM is an abbreviation for

[Answer:](#) *Digital elevation model*

Question: Which of these represents a derivative of a digital elevation model

[Answer:](#) *A slope curvature map that is used by surveyors to determine the direction at which the sun shines*

Question: Plugins are extensions in QGIS

[Answer:](#) *True*

Module Name **Zonal Operations**

Question: What is population density and how is it calculated

Question: What is the difference between EPSG:4326 and EPSG:3857

Question: If a user does not have a polygon with zones he/she cannot compute zonal statistics

Module Name **Komunitas InaSAFE - Bekerja dengan data raster**

Question: Apakah data raster memuat data grafis, seperti titik, garis, dan area?

[Answer:](#) *Tidak*

Question: Manakah di bawah ini yang merupakan contoh data raster?

[Answer:](#) *Hillshade*

[Answer:](#) *Peta Penggunaan Lahan*

