

## Section: Raster

### Answers to section modules.

#### Module Name **Georeferencing**

**Question:** Georeferencing flows us to

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#### 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

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#### 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

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#### 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*

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**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*

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**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*

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**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

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**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*

