

Answer \Rightarrow 2

Binary image \Rightarrow

\hookrightarrow It is the image obtained by converting gray-scale image to a black and white image

* Colour image \Rightarrow

\hookrightarrow It is the image represented by three visible bands i.e., red, green and blue.

* Gray-scale image \Rightarrow

\hookrightarrow It is an image represented by range of shades between white and black or vice-versa,

* Noise model \Rightarrow

\hookrightarrow Noise models are those models which help in building good restoration systems.

There are the several types of noise model \rightarrow

- 1) Gaussian noise model
- 2) Rayleigh noise model
- 3) Gamma noise model
- 4) Exponential noise model
- 5) Uniform noise model
- 6) Salt and pepper noise model.