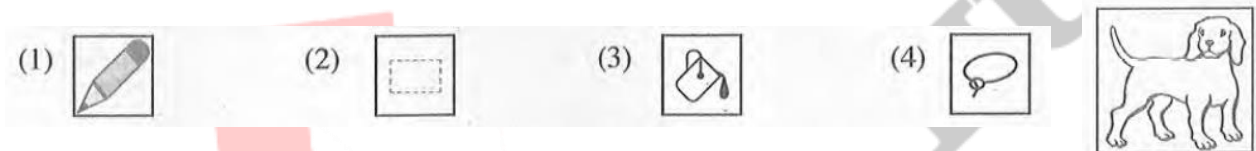
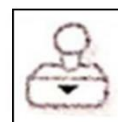


1. Which of the followings shows the file format of image files only? (2016)
- 1) DOCX, MP3, PNG
 - 2) PNG, RAW, MP3
 - 3) RAW, JPEG, BMP
 - 4) PPTX, BMP, PNG
2. Consider the following statements relating to digital images: (2016)
- A- Digital images are created with pixels.
 B- Image file size increases when resolution of an image increases.
 C- Resolution of an image can be measured with pixels per inch (ppi).
 Which of the above statements are correct?
- 1) A and B only
 - 2) A and C only
 - 3) B and C only
 - 4) All A, B and C
3. Which of the following tools can be used to colour the figure shown on the right in yellow using an image editing software? (2018)



4. Which of the following statements regarding image compression is/are true? (2018)
- A- With lossless compression, every single bit of data that was originally in the file remains after the file is uncompressed.
 B- Lossy compression is used to reduce data size for storage, handling and transmission.
 C- Lossy compression creates larger files size than lossless compression.
- 1) A only
 - 2) A and B only
 - 3) A and C only
 - 4) B and C only
5. How many bits per pixel (bpp) are required to represent 32 colours? (2019)
- 1) 4
 - 2) 5
 - 3) 6
 - 4) 7
6. What would happen to an image if its resolution is decreased? (2019)
- 1) quality and the file size of the image increases
 - 2) quality and the file size of the image decreases
 - 3) quality increases while the file size of the image decreases
 - 4) quality decreases while the file size of the image increases
7. What is the resolution of an image which is 250 pixels wide and 100 pixels high? (2020)
- 1) $250 \div 100$
 - 2) $250 + 100$
 - 3) 250×100
 - 4) $250 \times 100 \times 8$
8. Which of the following statements are correct regarding pixels? (2020)
- A- Pixels are used to measure the physical dimension of a digital image
 B- Number of bits per pixel determine the number of colours in a digital image
 C- Pixels of a digital image are arranged in a three-dimensional array
- 1) A and B only
 - 2) A and C only
 - 3) B and C only
 - 4) All A, B and C
9. Which of the following best describes the icon in GIMP image manipulation software? (2021)
- 1) blurs or sharpens an image
 - 2) copy one pm of a graphic to another pan
 - 3) lightens or darkens an image's shadows
 - 4) removes unnecessary colours and spots in an image



10. Consider the following statement with blanks labelled **A** and **B**: (2021)

The primary colours**A**..... are used to create images on computer screens with each colour having**B**..... colour variations, if represented with 8 – bits.

Which of the following is suitable to fill in the blanks labelled **A** and **B**, respectively?

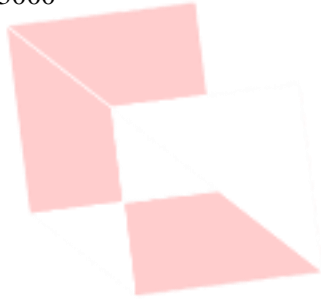
- 1) A: Red, Green, Blue B: 128
- 2) A: Red, Green, Blue B: 256
- 3) A: Yellow, Blue, Red B: 128
- 4) A: Yellow, Blue, Red B: 256

11. A student is developing the school website. One of the requirements of the school is that the pages of the website to open quickly. Which of the following file types should the student use for the graphics of the site to suit the above requirement? (2022)

- 1) JPEG
- 2) MP3
- 3) RAW
- 4) WAV

12. A raster image of resolution 2400 x 3000 uses 24 bits to keep the information of each pixel. What is the maximum number of colours that the image can use? (2022)

- 1) 24
- 2) $24 \times 2400 \times 3000$
- 3) 2^{24}
- 4) $2^{7200000}$



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