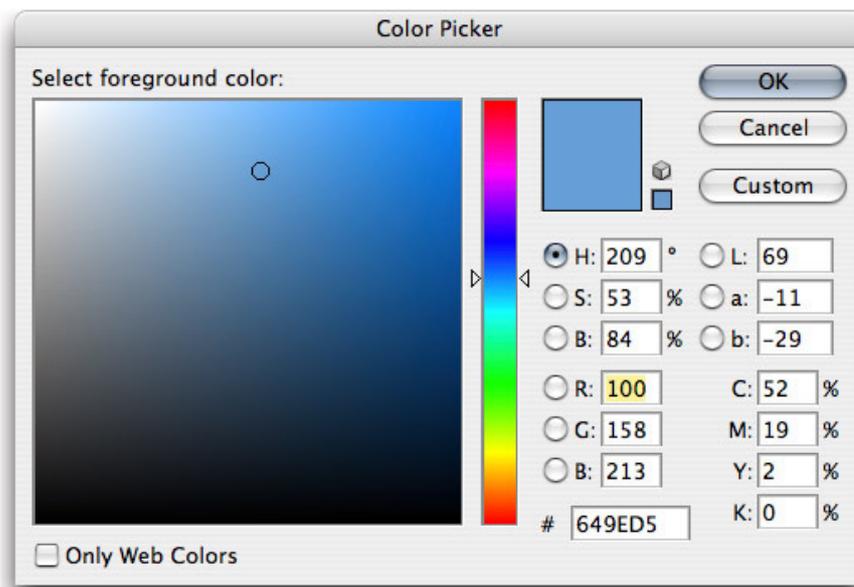


**INFORMATION COMMUNICATION TECHNOLOGY**  
**G.C.E. Ordinary Level 2012**

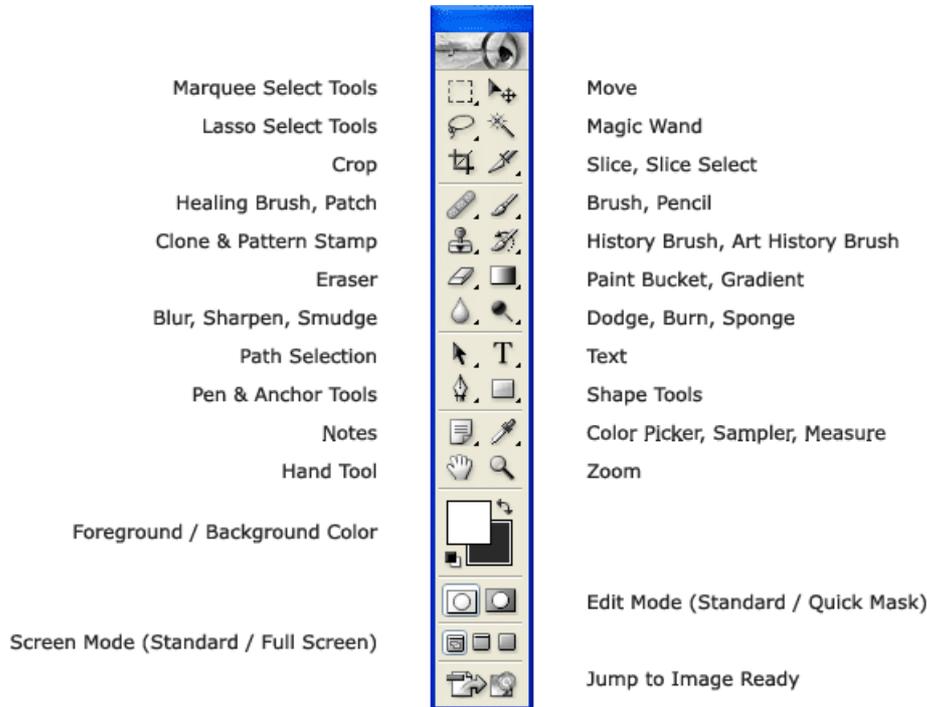
*Answer All Questions*

1. What are the 3 categories of pictures according to the quality and what is the most quality type from them?
2. What is the device that can be used to input a hard copy of a photo to a computer?
3. What are the types of color models (modes)? Briefly define.
4. What is a pixel?
5. The size of the picture is depend on .....
6. What color model can display 16,777,216 of colors?
7. Following questions based on the figure shown below.



- i. What do you understand by the picture?
- ii. What are the advantages of it?
- iii. Write an example of real world application such type of tool used.
- iv. What do you understand by #649ED5 from the figure?
- v. What is the ratio of colors in which is selected at the moment?

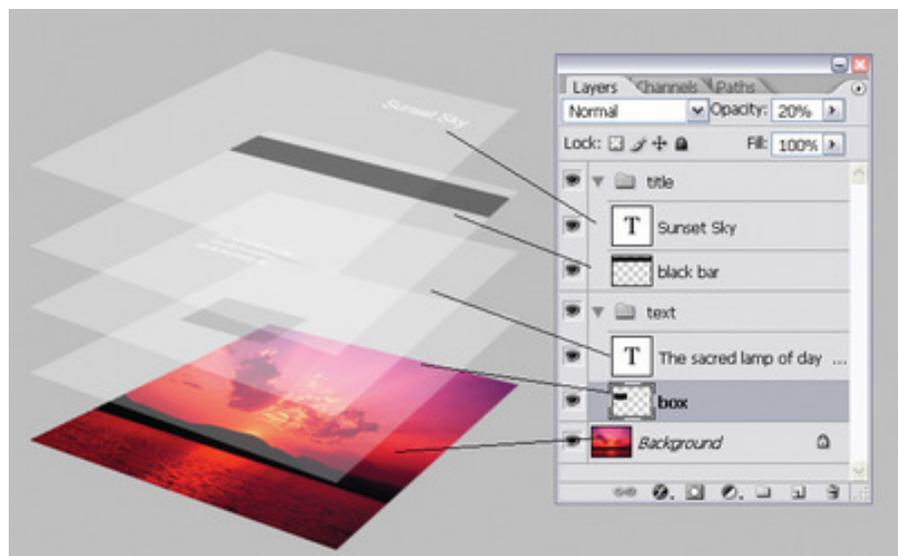
8. What is Resolution?
9. What do you understand by DPI and PPI?
10. How can we measure the quality of a Printer?

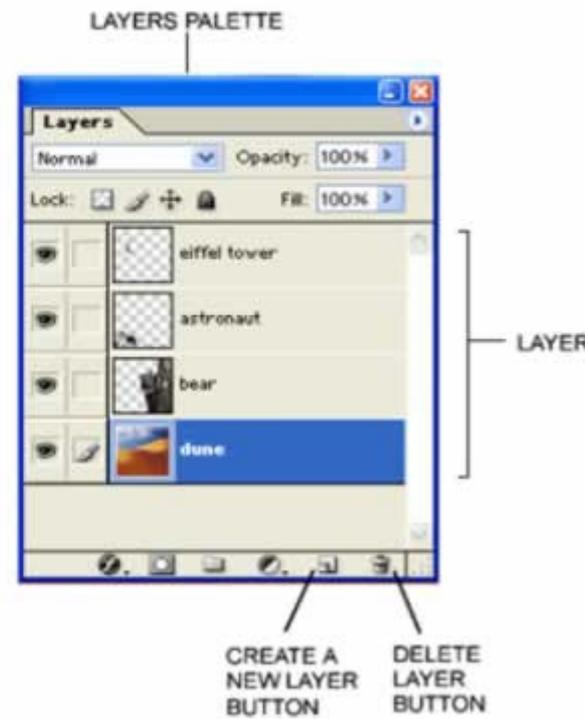
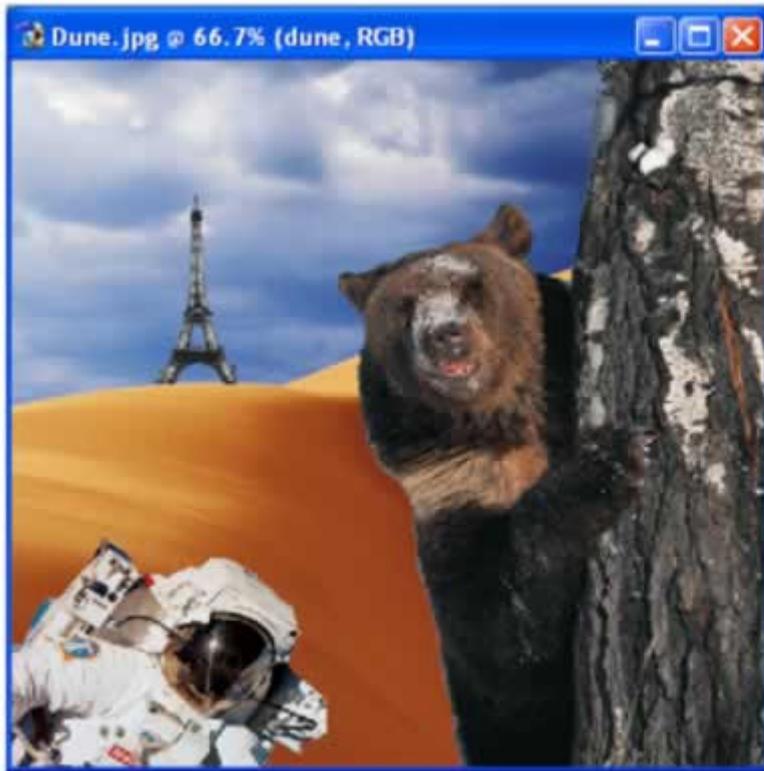


11. What are the types of **selection tools** used in a graphic design software like Photoshop.
12. Name a method of Anti-aliasing
13. What is the style shown in the following picture?

**Mac20Q**

**14. Following questions based on layers.**





- i. What will happen when the opacity of the layer "bear" is adjusted from 100% to 50%?
- ii. What will happen when the layer "dune" moved between 2nd and 3rd layers?  
(between astronaut and bear )

15.

- i. Dilshan has Designed a graphic art from Photoshop and he saved his work as a JPEG file.
- ii. Can he modify again the saved picture? Why?
- iii. What are the types of image file formats used in Adobe photoshop to save a document?
- iv. Dilshan saved work as .PSD file and gave to one of his friend. What is the major requirement for his friend to open the file in friend's computer?