

Name:.....Index No ()

* Examination paper consist of 4 pages *

Answer all Questions

Read the text & answer all questions:

Printing is the final stage in creating a document . Since the results you can obtain with different types of printer will vary substantially here is a guide to help you decide which one is most suitable for your needs.

To begin with you should take into account that printers vary in cost , speed, print quality, and other factors such as noise or printing methods .Technology is evolving so quickly that there is always a printer for every application or need.

DOT-matrix printer use pins to print the dots required to shape a character. They produce relatively low resolution output -72to180 dots per inch(dpi) .They are used to print multi-part forms, self- copying paper and continuos –form labels . They are slower than laser printers (see below) but much cheaper.

Inkjet printers operate by projecting small ink droplets on to paper to form the required imae. Colour and hues are created by the precise mixing of cyan , magenta, yellow and black inks . Inkjets are fairly fast, quite, and not as expensive as laser printers . Never theless, you can still expect high quality result because there are some inkjet printer on thre market with a resolution of2,400 dpi

Laser printer produce output at a great speed and with a very high resolution of 1,200-2,400dpi. They scan the image with a laser beam and transfer it to paper with a special ink powder called toner. They are constantly being improved. In terms of speed and image quality, laser printers are preferred by experts for various reasons , for instance , they have a wider range of scalable fonts than inkjets can emulate different language system ,and can produce high quality graphics , however, they are still expensive for home use s.

Thermal transfer printing are used to produce colour images by transferring a wax-based ink on to the paper .they are popular for printing bar codes , lables and medium-resolution graphics.

Imagesetters produce very high –resolution output(up to 3,540dpi)on paper or on the actual film for making the **printing** plate. In addition ,they are extremely fast imagesetters are most often used in desktop quality publishing (DTP). Although they produce the highest quality output , they have one important disadvantage; they are too expensive for homes or small offices.

In modern lithographic printing ,images are created on a DTP computer and then output directly to the printing plates. Without requiring film as an intermediate step. This technology is called computer to plate, or CTP ,and the machine used is called a platesetter .

Finally , we have plotters. Plotters use ink and fine pens held in acriage to draw very detailed designs on paper . they are used for constraction plans, engineering drawings and other technical illustrations. Nowadays, traditional plotters are being replaced with wide –format inkje

Part one: Reading: answer all questions:

Question : 1

1/what is printing?

.....
.....

2/Write the name of printer that use pins to print the dots required to shape character?

.....
.....

3/what is the resolution output of dots matrix printer?

.....
.....

4/write the kinds of document produced by dots matrix printer?

.....
.....

5/Is the dots matrix printer faster than laser printer?

.....
.....

6/How inkjet printer works?

.....
.....
.....
.....

7/Why inkjet printer has high quality resolution?

.....
.....

8/Write the resolution of the inkjets printer?

.....
.....

9/How a laser printer works ?

.....
.....

10/ What is the name of ink that used in a laser printer ?

.....
.....

11/ Why expert improved a laser printer ?

.....
.....
.....

12/Which printer that used to produce colour images ?

13/ What is the output resolution of imagesetter printer ?

14/The printer used in a DTP ?

15/ What is the disadvantage imagesetter printer ?

16/ Which technology used in lithographic printing?

17/ The name of machine which used in lithographic printing?

18/ What is the uses of plotter printer?

19/ what is plotter?

20/ Where is images created in lithographic printing ?

(30marks)

Question: 2

Find words in the article with following meanings?

1/designs and images used in magazine, books, etc

2 / a particular colour within the spectrum

3/an ink powder used in laser printer and copiers

4/in- between middle

5/surface that carries a reproduction of image, from which the pages are printed.....

(10marks)

Part two grammar:

#Question: 3

Giving advice using should/ shouldn't or It's good /bad idea to:

1. Don't open the monitor. It's dangerous

.....

2. Don't stare at the screen for long time.

.....

3. Position the monitor at eye level or just below

.....

4. Leave enough space behind the monitor for unobstructed movement

.....

5. Keep the screen clean to prevent distorting shadows.

.....

(10marks)

Question : 4

Use suitable classifying expressions to complete the following

1/a computer hardware and software.

2/peripheralsthree type.

3/Aword processing programsoftware which lets the user create and edit text.

4/Atablet PC isnotebook computer.

5/ Input device mouse, keyboard and camera.

(10 marks)

Question : 5

Complete the sentences with suitable relative pronouns

1/that the computer..... I'd like to buy.

2/core 2 is a new Intel processor Contains about 291 million transistors.

3/A web master is a person Design, develops and maintains a website.

4/ Here's the DVD you lent me.

5/Last night I met someoneworks for GM as a software engineer.

(10marks)

Good luck