DESCRIPTION

SUTDENT'S NAME: Jaspreet kaur	
PROGRAM:	**Web design**
DATE: 01-06-2020	
TEACHER'S NAME: Jaspreet singh kalsi	
COURSE:	**Layout fundamentals for websites (NMW)**
TYPE OF EXAM:	**Mid-term**
DURATION:	**3 hours**
AUTHORIZED MATERIAL:	**None**

OTHER INSTRUCTIONS FROM THE TEACHER

The exam has **XX4** pages including the cover page. In accordance with the syllabus, the evaluation is worth **XX20** % of the final grade.

Penalties imposed on a student accused of an attempt at plagiarism could include, but are not limited to, a grade of 0% for examination or for the entire course. The student could also be either put on probation, suspended and / or expelled from the program.

OTHER INFORMATION

Prepared by : **Jean-Guy Turgeon**

Revised by :   ————————————————

Approved by :   ————————————————

Good luck !

Question 1   /3

Explain what is the main difference(s) between page layout for printed document and page layout for websites.

Ans:

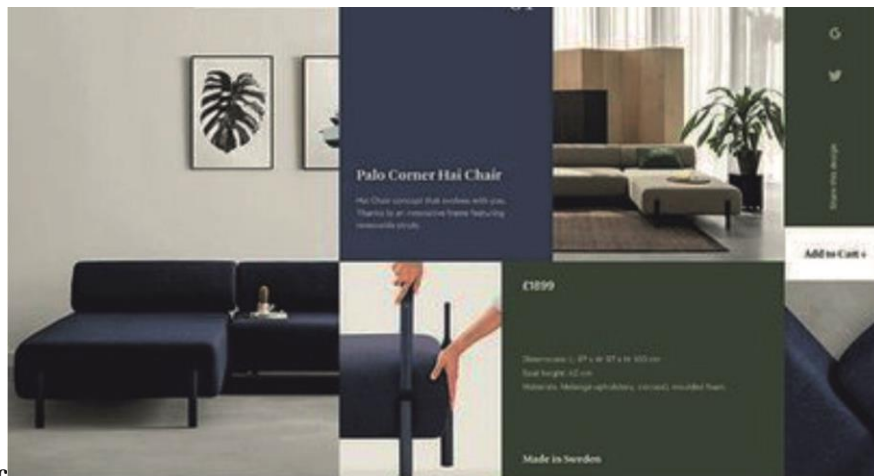**Print design is** two-dimensional**, with much attention paid to layout.**

————————————————————————————————

It is obviously possible for the reader to turn the page, but substantial

————————————————————————————————

interplay between different spreads is rare. Whereas,

————————————————————————————————

A web page is fundamentally a scrolling experience **for the user as opposed to a canvas experience.**

————————————————————————————————

Question 2   /3

c

**Based on the image above, identify the page layout style used
(circle your answer).**

 a) Mondrian

 b) Picture window

 c) Frame

 d) Copy heavy

 e) Circus ✓

Question 3

/3

**How can title elements (headings, etc.) help layout, cognitive ergonomics and
readability?**

**Ans: It takes more than eye-catching graphics to make a document
visually**

effective. Headings make organization and structure obvious by

providing the visual cues readers need to quickly scan a document and

find the information they want.

Question 4

/3

Briefly explain what is the F shape layout.

Ans: In the F-shaped scanning pattern is characterized by

by many fixations concentrated at the top and the left

side of the page. Specifically:

Users first read in a **horizontal movement**, usually across the upper part of the content area. This initial element forms the

F's top bar.

Question 5

/3

In design, when we are talking about the *golden ratio* (the Divine proportion) what are we talking about and what is this approximate ratio?

Ans: **The golden ratio is one where the ratio of the smaller**

segment to the larger segment is the same as the larger

segment to the sum of both segments.

The golden ratio or divine proporation is a visual representation

of the golden number (phi) which is approximately 1.618.

Question 6

/3

Briefly explain what is a layout grid.

Ans: Grid Layout contains features targeted at web application authors.

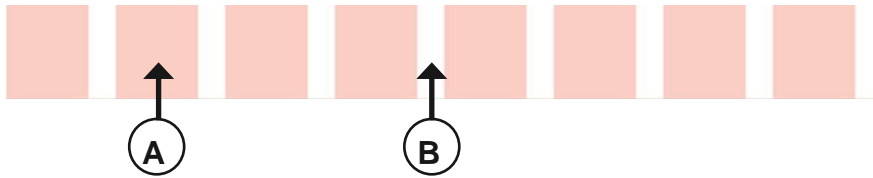   The Grid can be used to achieve many different layouts.

It excels at dividing up space for major regions of an application, or defining the relationship in

terms of size, position, and layer between parts of a control built from HTML primitives.
Like tables, the Grid enables an author to align elements into columns and rows, but unlike tables.

Question 7

/3

Name the parts of the following layout grid identified by letters.

A) ——————————————

B) ——————————————   A)column   B)Alley

Question 8

/3

Briefly explain what is a modular grid.

Ans: A modular grid is a grid which has consistent horizontal divisions from top to bottom in addition

to vertical divisions from left to right. Baseline grids serve to anchor all (or nearly all) layout elements to a common rhythm. /3

Question 9

Why is it more flexible to use a 12 or 16 columns grid for page layout?

/10

Ans: Usually a 12 column grid **is used because its easier to break up into**

other sizes with 6, 4, 3 and 2 columns**. If we were to** use 16**, we can't have an odd number like**

3 easily, since it is not perfectly divisible. That is why many people prefer the 12 column grid**.**

Question 10

The the available space below, write the CSS properties and values needed to create a class that, applied to a container, would make it a 960px wide 12 columns grid with a 1rem gutter (centered horizontally)

Ans: `.grid {` `<div class="container">`
  `<div class="row justify-content-md-center">`

```
    <div class="col col-lg-2">
                </div>
    <div class="col-md-auto">
      Variable width content
    </div>
    <div class="col col-lg-2">
}
```

Question 11   /3

**The the available space below, write the CSS properties and values needed so
a <header> tag would span over 12 columns.**

header { `.col-md-* or` `.col-lg-*`

}