

Online Final Examination Spring-Eve 2021

Student I.D: 16179

Date: 4/June/2021

Course Title: Computer Application to Business

Course Code: MIS-321

Program: ADP- III (Evening)

Teacher Name: Rizwana Khurram

Semester: Spring 2021

Name: Shafaq A.Qadir

Instructions:

All questions are compulsory.

MUST write your Name, KASBIT Student ID.

Attempt the Final exam paper by typing on MS-Word.

Merge this file and your attempted Final exam paper into **ONE** Single File and **convert this file into Pdf.**

Upload your ONE Single pdf File of Final Exam on LMS before the due date and time (By email not permitted).

All the students are supposed to concentrate on the assignment on an individual basis. If the submitted document speaks of any copying, duplication or plagiarism, it shall stand cancelled.

Q1) Define spreadsheet. What are cells in Ms Excel? How can you add cells, rows or columns in Excel? [5]

Answer:

SPREDSHEET: it is the file which contain cells those are based on columns and row which help to calculate, sorting and arranging the data and data can be numeric, text function and references too

CELLS: it is existing in worksheet of MS excel Cells made from columns and row, vertically and horizontally respectively. Column are named by A,B,C and row are named by 1,2,3,4 and so on.

TO ADD CELLS, COLUMNS AND ROWS:

Select cells, column and rows whatever you want you add click on cell, row and column and where you want to add click on the right click and insert it to appear the new one

Q2) A table has been used to create a leaflet showing information on the different cars available and showing a picture of each car alongside it. State advantages of using a table to display the information. [2]

Answer:

By using table, it is easier to visualize the data can be analyze the upcoming probability of availability of cars. Visual data can be more useful rather than in another form.

Q3) When using a word processing application Paula found the word-wrap feature particularly useful. What is meant by word-wrap discuss in detail? [5]

Answer:

Word wrap is a word processing feature that forces all text to be confined within defined margins. When a line of text is filled, the word processor automatically moves the text to the next line, so the user doesn't have to press the return key after every line. Word wrap also occurs if the document's margins are changed.

Q4) What is macro? Discuss in detail.

Answer:

Macros are used to make a sequence of computing instructions available to the programmer as a single program statement, making the programming task less tedious and less error-prone. (Thus, they are called "macros" because a "big" block of code can be expanded from a "small" sequence of characters.) Macros often allow positional or keyword parameters that dictate what the conditional assembler program generates and have been used to create entire programs or program suites according to such variables as operating system, platform or other factors. The term derives from "macro instruction", and such expansions were originally used in generating assembly language code.

Q5) What are the statistical functions used in spreadsheet. Discuss any three.

STATISTICAL FUNCTION:

Count:

Average:

Median:

Mode:

Standard Deviation:

COUNT:

To use this function to count any value which is in cell. remember only number the formula used to like that **=COUNT (value1, value2.....)**

AVERAGE:



The most common function we usually use in our daily lives is the average (or mean). The AVERAGE function simply returns the arithmetic mean of all the cells in a given range
=AVERAGE (value 1,value2, value 3.....)

MEDIAN:

The problem of outliers can be solved by using another function for the central tendency median. The median function returns the middle value of the given range of cells.
=MEDIAN (value 1,value2, value 3.....)

Q6) What is the purpose of charts used in spreadsheet define their types? [5]

Answer: A chart is a tool you can use in Excel to communicate data graphically. Charts allow your audience to see the meaning behind the numbers, and they make showing comparisons and trends much easier. In this lesson, you'll learn how to insert charts and modify them so they communicate information effectively.

TYPES:

COULUMN CHART: the A Column Chart typically displays the categories along the horizontal (category) axis and values along the vertical (value) axis. To create a column chart, arrange the data in columns or rows on the worksheet.

LINE CHART: Line charts can show continuous data over time on an evenly scaled Axis. Therefore, they are ideal for showing trends in data at equal intervals, such as months, quarters or years.

PIE CHART: Pie charts show the size of items in one data series, proportional to the sum of the items. The data points in a pie chart are shown as a percentage of the whole pie. To create a Pie Chart, arrange the data in one column or row on the worksheet.

BAR CHART: Bar Charts illustrate comparisons among individual items. In a Bar Chart, the categories are organized along the vertical axis and the values are organized along the horizontal axis. To create a Bar Chart, arrange the data in columns or rows on the Worksheet.

AREA CHART: Area Charts can be used to plot the change over time and draw attention to the total value across a trend. By showing the sum of the plotted values, an area chart also shows the relationship of parts to a whole. To create an Area Chart, arrange the data in columns or rows on the worksheet

SCATTER CHART: XY (Scatter) charts are typically used for showing and comparing numeric values, like scientific, statistical, and engineering data

DOUGHNUT CHART: A Doughnut chart shows the relationship of parts to a whole. It is similar to a Pie Chart with the only difference that a Doughnut Chart can contain more than one data series, whereas, a Pie Chart can contain only one data series.



Q7) What Is SDLC? Name the Models used in SDLC.

[5]

Answer:

SDLC:

It is the framework which described the activates performed at each stage of a software development project .SDLC or the Software Development Life Cycle is a process that produces software with the highest quality and lowest cost in the shortest time possible. SDLC provides a well-structured flow of phases that help an organization to quickly produce high-quality software which is well-tested and ready for production use

MODEL USED IN SDLC:

1. Waterfall Model
2. Iterative Model
3. Spiral Model
4. Agile Model
5. V-model
6. Big Bang Model

Q8) Explain Phases of the waterfall model.

[5]

Answer:

WATERFALL MODEL:

Old version or it is well known model of SDLC

Follow each and everything by step by step from analysis to maintenance

It is use to create the system with linear to sequential approach

It based on following steps:

REQUIREMENT GATHERING AND ANALYSIS:

All requirement information gathered in this phase and note down on requirement document and complete these phases by requirement.

SYSTEM DESIGN:

Designing phase al related to create the design of system and making hardware by design

This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.

IMPLEMENTATION: With inputs from system design, the system is first developed in small programs called units, which are integrated into the next phase. Each unit is developed and tested for its functionality which is referred to as Unit Testing.

INTEGRATION AND TESTING: All the units developed in the implementation phase are integrated into a system after testing of each unit. The software designed, needs to go through constant software testing to find out if there are any flaws or errors. Testing is done so that the client does not face any problem during the installation of the software.

DEPLOYMENT OF SYSTEM: Once the functional and non-functional testing is done, the product is deployed in the customer environment or released into the market.

MAINTENANCE: This step occurs after installation, and involves making modifications to the system or an individual component to alter attributes or improve performance. These modifications arise either due to change requests initiated by the customer, or defects uncovered during live use of the system. The client is provided with regular maintenance and support for the developed software.

Q9) What is feasibility study in analysis phase. Discuss in detail?

[5]

Answer:

A feasibility study is an analysis that takes all of a project's relevant factors into account—including economic, technical, legal, and scheduling considerations—to ascertain the likelihood of completing the project successfully. Project managers use feasibility studies to discern the pros and cons of undertaking a project before they invest a lot of time and money into it.

Feasibility studies also can provide a company's management with crucial information that could prevent the company from entering carelessly into risky businesses.