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H-4445C

M.Sc. (Semester-IV) Examination, July 2022

HOME SCIENCE

(Statistics and Computer Application)

Time Allowed : Three Hours

Maximum Marks : 70

Minimum Passing Marks : 25

Note : Question paper is divided into four sections. Attempt questions from all four sections as per direction. Distribution of marks is given in each section.

SECTION-A

(Objective Type Questions)

Note: Attempt **any ten** questions. Each question carries **1** mark. [10x1=10]

1. Objective type/Fill in the blank/Multiple choice type :

(i) _____is a measure of central tendency.

(ii) Select all the text in MS Word document by _____.

(iii) PDAs are also called _____.

(iv) The mathematical average is also called _____.

(v) The sum of deviations from the ____is always zero.

(vi) Microsoft Word is _____ software.

(a) Application

(b) System

(c) Compiler

(d) Programming

(vii) Simple arithmetic mean is also called :

(a) Weighted mean

(b) Unweighted mean

(c) Relative mean

(d) All of these

(viii) Which of the following are physical device of a computer?

(a) Hardware

(b) Software

(c) System software

(d) Package

(ix) We must arrange the data before calculating :

(a) Mean

(b) Median

(c) Mode

(d) Geometric mean

(x) Step deviation method or coding method is used for computation of the :

(a) Arithmetic mean

(b) Geometric mean

(c) Weighted mean

(d) Harmonic mean

(xi) Which is not edition of MS word?

(a) 2003

(b) 2007

(c) 2010

(d) 2001

(xii) Which of the following is not a type of computer on the basis of operation?

(a) Digital

(b) Analog

(c) Hybrid

(d) Remote

SECTION-B

(Very Short Answer Type Questions)

Note: Attempt **any five** of the following questions . Each question carries **02** marks. [5x2=10]

2. Write very short answer in 25-30 words :

(i) Calculate mode :

X :	10-19	20-29	30-39	40-49	50-59
Y :	10	12	18	30	16

(ii) How can we insert table in MS Word? Explain in detail.

(iii) Explain Ogive in detail.

(iv) Calculate arithmetic mean :

X :	0-10	10-20	20-30	30-40	40-50
Y :	5	15	55	75	100

(v) Explain frequency distribution in detail.

(vi) What do you mean by Binomial distribution? Explain.

(vii) What is clip art in MS Word? Explain.

SECTION-C

(Short Answer Type Questions)

Note: Attempt **any five** questions. Each question carries **04** marks. Word limit 250 words. [5x4=20]

3. Write short answer :

(i) Explain Hard disk in detail.

(ii) Explain various characteristics of computer system in detail.

(iii) How can we check spelling and grammar in MS Word? Explain.

(iv) What do you mean by standard deviation? Explain.

(v) Define frequency polygons

(vi) Explain chi square test in detail.

(vii) Explain method of determining in detail.

SECTION-D

(Long Answer Type Questions)

Note: Attempt **any three** questions. Each question carries **10** marks. [3x10=30]

4. Long Answer type questions (word limit more than 500 words) :

(i) Explain different types of secondary storage device in detail.

(ii) How can we present data in graphics? Explain in detail.

(iii) What do you mean by Rank correlation? Explain.

(iv) Explain different types of computer system in detail.

(v) How can we format text in MS Word? Explain in detail.

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