B.SC. SEMESTER IV (Hons. & General) EXAMINATION 2024

ST. PAUL'S CATHEDRAL MISSION COLLEGE

INTERNAL EXAMINATION

SUBJECT: STATISTICS GENERAL

PAPER: CC4/GE4

(Applications of Statistics)

FULL MARKS: –10   **TIME:– 30MINS.**

NAME:-

UNIVERSITY ROLL NO.:-

1. Answer any 10 questions of the following: 1X10

 i) Quarterly fluctuations observed in a time series represents_____ variation,

ii) In fitting a exponential curve the number of normal equations is

 i) two   ii) four   iii) three   iv) None of these.

iii) Irregular variations in a time series are caused by:

 i) Lockouts and strikes   ii) epidemics   iii) floods   iv) all the above

iv) Index numbers are expressed:

 i) in percentages   ii) in ratios   iii) in terms of absolute value   iv) All the above

v) The child bearing age in India is:

 i) 20-24 years   ii) 20-29 years iii) 15-49 years iv) 14-48 years.

vi) Fertility rates provide an adequate basis for:

 i) Population growth   ii) family planning   iii) checking the infant mortality   iv) all the above

vii) A value of N.R.R. >1 will result in to:

 i) increase in population   ii) decrease in population   iii) zero increase in population
iv) none of these.

viii) The relation between NRR and GRR is:

 i) NRR and GRR are usually equal   ii) NRR can never exceed GRR
iii) NRR is generally greater than GRR   iv) None of these.

ix) How many types of optimum allocation is in common use?

 a) one   b) two   c) four   d) three.

x) Optimum allocation is also known as _____ allocation.

 xi) In SRSWOR, the same sampling unit may be included in the sample:

 i) only once   ii) only twice   iii) more than once   iv) none of the above

xii) Laspeyres index number formula satisfies time reversal test. (Write True or False).

xiii) Stratified sampling is appropriate when population is_____.

xiv) Cost of living index is also known as _____price index.

xv) Paasche price index is based on current year quantities. (Write True or False).

……………………………………………………………….THE END……………………………………………………………….