

- 6) Complete count of the heads of people of a country is known as :
 - a) census
 - b) Vital statistics
 - c) demography
 - d) none of these
- 7) The fertility of a women is maximum in the age group
 - a) 15-20 years
 - b) 20-24 years
 - c) 25-29 years
 - d) none of these
- 8) Registration of vital statistics is organised by
 - a) Director general
 - b) Registrar general
 - c) census commissioner
 - d) all the above
- 9) The death rate of babies under one year is known as:
 - a) neonatal mortality rate
 - b) infant mortality rate
 - c) maternal mortality rate
 - d) none of these.
- 10) The vital index for population growth was provided by:
 - a) Benjamin
 - b) baralely
 - c) karl pearson
 - d) R. pearle
- 11) The most important word in the term of statistical quality control is
- 12) A control chart contain lines
- 13) " 3σ " control limits were proposed by
- 14) Double sampling scheme (plan) propounded by
- 15) Life tables are normally prepared

II. Solve any five questions.

(5×5=25)

- 16) Write a note on assignable causes and chance causes
- 17) Explain the construction of control chart in general
- 18) Define
 - a) Acceptance quality level (A.Q.L)
 - b) L.T.P.D.
- 19) Describe uses of statistical quality control.
- 20) Explain the methods of obtaining vital statistics.
- 21) Describe C.D.R.. State its merits and demerits.
- 22) Explain
 - a) A.S.F.R.
 - b) T.F.R.

Solve any **four** questions

(4×10=40)

- 23) Describe the control charts for variables in detail.
 - 24) Explain the construction of p-chart and interpretation of p-chart.
 - 25) Describe single sampling plan, obtain O.C., A.O.Q. and A.T.I. curves for this plan.
 - 26) Explain, direct and indirect methods of standardized death rates with merits and demerits.
 - 27) Describe gross reproduction rate and net reproduction rate.
 - 28) Explain the construction of life table, mention the uses of a life table.
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