

- 5) All surveys are essentially
A) Narrative
B) explanatory
C) interdisciplinary
D) communal
- 6) Short summary of technical report is called
A) Article
B) research abstract
C) publication
D) Guide
- 7) Bibliography means
A) Foot notes
B) quotations
C) list of books
D) biography
- 8) Hypothesis which explain relationship between two variables is
A) Casual
B) rational
C) descriptive
D) tentative
- 9) Mean, Median and Mode are:
A) Measures of deviation
B) Ways of sampling
C) Measures of control tendency
D) None of the above
- 10) Which of the following is the first step in starting the research process?
A) Searching sources of information to locate problem.
B) Survey of related literature
C) Identification of problem
D) Searching for solutions to the problem
- 11) A common test in research demands much priority on
A) Reliability
B) Usability
C) Objectivity
D) All of the above
- 12) Action research means
A) A longitudinal research
B) An applied research
C) A research initiated to solve an immediate problem
D) A research with socioeconomic objective

- 13) The essential qualities of a researcher are
A) Spirit of free enquiry
B) Reliance on observation and evidence
C) Systematization or theorizing of knowledge
D) All the above
- 14) In the process of conducting research ‘Formulation of Hypothesis’ is followed by
A) Statement of Objectives B) Analysis of Data
C) Selection of Research Tools D) Collection of Data
- 15) A research paper is a brief report of research work based on
A) Primary Data only B) Secondary Data only
C) Both Primary and Secondary Data D) None of the above
- 16) Sample means
- A) Smaller representative of large whole
B) Larger representative of area
C) Both of the above
D) None of the above
- 17) Research is
A) Searching again and again
B) Finding solution to any problem
C) Working in a scientific way to search for truth of any problem
D) None of the above
- 18) A research paper is a brief report of research work based on
A) Primary Data only B) Secondary Data only
C) Both primary and Secondary Data D) None of the above
- 19) In the process of conducting research ‘Formulation of Hypothesis’ is followed by
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- 20) Which of the following variables cannot be expressed in quantitative terms?
A) Socio-economic Status B) Marital Status
C) Numerical Aptitude D) Professional Attitude
- 21) Following indicator is used in the COD analysis:
A) Methyl orange indicator B) Ferroin indicator
C) Phenolphthalein indicator D) Methyl red indicator
- 22) For the DO analysis of water which method is used:
A) Acid Titration method B) Spectrophotometric method
C) Winklers method D) Base Titration method
- 23) The wavelength range of UV light in the electromagnetic spectrum is
A) 0.01 - 10 nm B) 10 nm – 400 nm
C) 750 nm- 1mm D) less than 0.01 nm
- 24) The demographic survey is carried out with the help of....
A) Sampling B) Questionnaire
C) Experimental design D) Observation
- 25) The wavelength range of Infrared light in the electromagnetic spectrum is
A) 0.01 - 10 nm B) 10 nm – 400 nm
C) 750 nm- 1mm D) less than 0.01 nm
- 26) Ex situ conservation locations are
A) National Parks B) Botanical Gardens
C) Wild life sanctuaries D) Biosphere reserves
- 27) Which animal/ bird has become extinct?
A) National Parks B) Botanical Gardens
C) Wild life sanctuaries D) Biosphere reserves

- 28) The taxonomic group of which has the largest number is
A) Angiosperms
B) Insects
C) Fungi
D) Mollusks
- 29) Lateritic soils are found in
A) Maharashtra and Karnataka
B) UP and Bihar
C) Tamil Nadu
D) Kerala
- 30) Teak, Oak and Mapple leaves occur in
A) Tropical rain forest
B) Temperate deciduous forest
C) Moist deciduous forest
D) Savannas
- 31) Carrying capacity is
A) Prevention of population explosion
B) The maximum no. that a habitat can sustain
C) The limiting factors existing in an ecosystem
D) The upper limit of J curve
- 32) Which pyramid is always upright?
A) Pyramid of energy
B) Pyramid of Numbers
C) Pyramid of Biomass
D) Pyramid of Numbers and Pyramid of Biomass
- 33) Environmental impact is greater in the case of mining and processing
A) Iron ore
B) Coal
C) Oil
D) Manganese
- 34) In India which of the fuel resources is most abundant
A) Oil
B) Natural gas
C) Lignite
D) Coal
- 35) Nuclear energy often causes
A) Air pollution
B) Water pollution
C) Thermal pollution
D) Noise pollution

- 36) Power generation by which method is least polluting
A) Coal
B) Oil
C) Natural gas
D) Hydro energy
- 37) The thickness of crust under water
A) 8 to 15 Km
B) 20 to 30 Km
C) 30 to 45 Km
D) 45 to 75 Km
- 38) Oxidation Ditch is the modification of
A) Oxidation pond
B) Trickling filter
C) Activated sludge process
D) Facultative pond
- 39) Septic tanks are used for
A) Storage of water for gardening
B) Treatment of domestic liquid wastes
C) Storage of rainwater
D) Storage of water for domestic animals
- 40) Which parameter has least effect on the dissolved oxygen content of water
A) Photosynthesis
B) Oxidation of waste
C) Respiration
D) Inorganic substances
- 41) Electrostatic precipitators are used to remove
A) NO₂
B) SO₂
C) Particulate matter
D) Hydrocarbon
- 42) Grit chamber removes
A) Gravel and sand
B) Oil Soap and Grease
C) Vegetable cutting, peels
D) Suspended organic substances
- 43) Which among the following is not a greenhouse gas?
A) Carbon Dioxide
B) Nitrous oxide
C) Chlorofluorocarbon
D) Sulphur Dioxide

Rough Work