

Seat No.	
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**M.Phil./Ph.D. Entrance Examination, October - 2021****GEOGRAPHY****Sub.Code : 58798****Day and Date : Wednesday, 27 - 10 - 2021****Total Marks : 100****Time : 1.00 p.m. to 3.00 p.m.**

- Instructions :**
- 1) All questions are compulsory.
  - 2) Each question carries 2 marks.
  - 3) Answers should be marked in the given OMR answer sheet by darkening the appropriate option.
  - 4) Use black ball point pen only for marking the circle. Do not make any stray mark on the OMR Answer Sheet.
  - 5) Follow the instructions given on OMR Sheet.
  - 6) Rough work shall be done on the sheet provided at the end of question paper.
  - 7) Only non-programmable calculators are allowed.

- 1) Intentional selection of informants based on their ability to elucidate a specific theme, concept, or phenomenon.
  - A) Random sampling
  - B) Purposive sampling
  - C) Systematic sampling
  - D) Stratified sampling
- 2) Proportional Stratified random sampling is adopted by \_\_\_\_\_.
  - A) Each stratum sample size is directly proportional to the population size of the entire population of strata
  - B) Sampling fraction is the primary differentiating factor between the proportionate and disproportionate stratified random sampling
  - C) Researchers and statisticians use stratified random sampling to analyze relationships between two or more strata.
  - D) This sampling technique covers maximum population as the researchers have complete charge over the strata division.
- 3) What is an example of quantitative research?
  - A) Case study
  - B) Longitudinal research
  - C) Descriptive research
  - D) Correlational research

**P.T.O.**

## M/P ENT - 120

- 4) Which of the following parameters can be used to help you formulate a suitable research paper title.
- A) The purpose of the research                      B) The narrative tone of the paper  
C) The methods used                                      D) All of the above
- 5) The problem of research ethics is concerned with which aspect of research activity?
- A) Following the prescribed format of thesis  
B) Data analysis through qualitative and quantitative techniques  
C) Defining the population of research  
D) Evidence based research reporting
- 6) It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
- A) Sunday    B) Saturday  
C) Friday    D) Wednesday
- 7) 8, 27, 64, 100, 125, 216, 343
- A) 27    B) 100  
C) 125    D) 346
- 8) What is the ultimate goal of research?
- A) Money    B) Job  
C) Social Welfare    D) None of these
- 9) The choice of subject is \_\_\_\_\_ stage of research.
- A) First    B) Second  
C) Third     D) Fourth
- 10) Which one of these sampling method is a probability sampling?
- A) Quota    B) Judgement  
C) Convenience    D) Random
- 11) Which of the following is an initial mandatory requirement for pursuing research?
- A) Developing a research design  
B) Deciding about the data analysis procedure  
C) Formulating a research question  
D) Formulating a research hypothesis
- 12) The format of thesis writing is the same as in
- A) Preparation of research paper                      B) Writing of seminar presentation  
C) A research dissertation                              D) Presenting a workshop paper

## M/P ENT - 120

- 13) A cluster of propositions with a structure that exhibits some inference is called \_\_\_\_\_.
- A) An inference  
B) An argument  
C) An explanation  
D) A valid argument
- 14) "Male and female students perform equally well in a numerical aptitude test" this statement indicates
- A) Research hypothesis  
B) Null hypothesis  
C) Directional hypothesis  
D) Statistical hypothesis
- 15) Which type of research the conclusion/ finding cannot be generalized in other circumstances?
- A) Historical research  
B) Descriptive research  
C) Experimental research  
D) Casual comparative research
- 16) \_\_\_\_\_ Research used for formulation of laws and theory.
- A) Field study  
B) Basic  
C) Observation  
D) Explanatory
- 17) Who of the following can be considered as an opponent of Quantitative Revolution?
- A) Chorley  
B) L.D. Stamp  
C) P. Haggett  
D) Hagerstand
- 18) Which one of the following is / are essential data to determine the scale of the aerial photographs?
- A) Focal length  
B) Flying height  
C) Ground elevation  
D) All of the above
- 19) By default, your documents print in \_\_\_\_\_ mode.
- A) Landscape  
B) Portrait  
C) Page Setup  
D) Print View
- 20) Statistical calculations and preparation of tables and graphs can be done with using \_\_\_\_\_ software.
- A) Corel Draw  
B) Autocad  
C) QGIS  
D) Pixpa







- 43) Conservation of Natural Resource aims at \_\_\_\_\_  
A) Total ban on the use of resource  
B) Partial restriction of the use of resource  
C) Sustainable use of resource  
D) Minimal use of resource
- 44) Which of the following planet is known as the 'Watery Planet'?  
A) Mercury  
B) Earth  
C) Mass  
D) Jupiter
- 45) Which of the following is an example of direct source to study interior of the earth?  
A) Gravitation  
B) Seismic activity  
C) Magnetic field  
D) Volcanic Eruption
- 46) In a black hole \_\_\_\_\_  
A) All wavelengths of light are absorbed  
B) All wavelengths of light are absorbed except green and blue  
C) All wavelengths of light are absorbed except blue and red  
D) All wavelengths of light are absorbed except red & green
- 47) Which among the following has highest wind velocity?  
A) Hurricane  
B) Tornado  
C) Typhoon  
D) Cyclone
- 48) Median the \_\_\_\_\_.  
A) Periodical average  
B) Calculated average  
C) Positional average  
D) None of these
- 49) Vector data is not represented by \_\_\_\_\_.  
A) Grid  
B) Line  
C) Polygon  
D) Point
- 50) 11<sup>th</sup> July is celebrated as \_\_\_\_\_.  
A) World Wildlife Day  
B) World Environment Day  
C) World Population Day  
D) World Forest Day



**Rough Work**