

**MSW**  
**Second Semester**  
**SOCIAL WORK RESEARCH & STATISTICS**  
**(MSW – 202)**

**Duration: 3Hrs.**

**Full Marks: 70**

Part-A (Objective) =20  
Part-B (Descriptive) =50

**(PART-B: Descriptive)**

**Duration: 2 hrs. 40 mins.**

**Marks: 50**

**Answer any four from Question no. 2 to 8**  
**Question no. 1 is compulsory.**

1. What is sampling? Discuss the different types of non-probability sampling. (10)
2. What is content analysis? Discuss the steps in detail. (10)
3. What is qualitative research? Examine the difference between qualitative and quantitative research. (10)
4. What is a null hypothesis? Describe the steps in testing hypothesis. (10)
5. What are research designs? Explain experimental research designs. (10)
6. What is Social Work research process? Discuss the role of research in Social Work. (10)
7. What do you understand by scientific research? Write the characteristics of scientific research. (5+5=10)
8. Calculate the arithmetic mean and median of incomes. (5+5=10)

| House no. | Monthly income X (Rs.) | House no. | Monthly income X (Rs.) |
|-----------|------------------------|-----------|------------------------|
| 1         | 4,770                  | 6         | 4,910                  |
| 2         | 5,750                  | 7         | 4,200                  |
| 3         | 4,680                  | 8         | 4,840                  |
| 4         | 4,730                  | 8         | 5,040                  |
| 5         | 4,830                  | 10        | 5,940                  |
|           |                        | N=        | $\sum X =$             |

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**MSW**  
**Second Semester**  
**SOCIAL WORK RESEARCH & STATISTICS**  
**(MSW – 202)**

**Duration: 20 minutes**

**Marks – 20**

**(PART A - Objective Type)**

**I. Choose the correct answer:**

**1×20=20**

1. Type of sampling that can be used to conduct studies with respondents such as sex workers, drug users, victims of domestic violence etc.:  
a) Quota sampling            b) Simple random sampling  
c) Snowball sampling        d) Cluster sampling
2. Data collected by someone other than the researcher for purposes that differ from the researcher's is referred to as:  
a) Primary data                b) Empirical data  
c) Secondary data              d) Quantitative data
3. ....is not a data and measurement scale.  
a) Nominal                      b) Ordinal  
c) Interval                        d) Fraction
4. An example for continuous variable is:  
a) Height                        b) Gender  
c) Caste                         d) Religion
5. An in depth study of one or more individuals in the hope of revealing things that are true of one or more of us:  
a) Archival method            b) Case Study method  
c) Survey method              d) None of the above
6. Middle score in a distribution after the scores have been arranged from highest to lowest or lowest to highest:  
a) Mean                         b) Median  
c) Mode                         d) None of the above
7. Which one of the following is a measure of variation?  
a) Mode                         b) Median  
c) Range                        d) Average
8. How much confidence should we place in a single research study?  
a) We should completely trust a single research study.  
b) We should trust research findings after different researchers have found the same findings.  
c) Neither a nor b              d) Both a and b

9. Which of the following statements is true of a theory?  
a) It most simply means "explanation".  
b) It answers the "how" and "why" questions.  
c) It can be a well developed explanatory system.  
d) All of the above are correct.
10.  $H_0$  denotes:  
a) Alternative Hypothesis        b) Research Hypothesis  
c) Null Hypothesis                d) None of the above
11. Which form of reasoning is the process of drawing a specific conclusion from a set of premises?  
a) Rationalism                    b) Deductive reasoning  
c) Inductive reasoning          d) Probabilistic
12. What is the opposite of a variable?  
a) A constant                      b) An extraneous variable  
c) A dependent variable        d) An independent variable
13. The hypothesis stating that the independent variable has no effect and that there will be no difference between the two group  
a) Null hypothesis                b) Research Hypothesis  
c) Alternative Hypothesis        d) First Hypothesis
14. A sample is a proportion of people drawn from a \_\_\_\_\_.  
a) Group                         b) Larger population  
c) Both a and b are correct      d) None of the above
15. Which of the following is a function of theory?  
a) Integrating and summarizing current knowledge.  
b) Making predictions.  
c) Explaining phenomena.  
d) All of the above are important functions of theory.
16. Which one of the following is an example for evaluation research method?  
a) Goal attainment model        b) System change model  
c) Development model          d) Structure model
17. Which one of the following is the most suitable research design for a study intended to formulate a problem for a more precise investigation?  
a) Descriptive research design    b) Experimental research design  
c) Exploratory research design    d) None of the above
18. Assigning numerical symbols to each response of the question is:  
a) Coding                         b) Transcription  
c) Translation                    d) Tabulation



19. An example for data measured on a nominal scale
- a) Exam scores of students
  - b) Height of Students in a class
  - c) Ethnicity of students in a class
  - d) Weight of students in a class
20. Which one of the following is not a qualitative research method?
- a) Focus group discussion
  - b) Interviews
  - c) Participant observation
  - d) Survey

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University of Science and Technology, Meghalaya

Date Stamp: \_\_\_\_\_

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| SESSION: 2016-17<br>COURSE _____ PAPER Code: _____<br>NAME OF THE PAPER: _____<br>SEMESTER _____   |  |   |  |   |          |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |                                       |  |              |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |       |  |             |  |
| <p style="text-align: center;"><b>Instructions to Candidates</b></p> <ol style="list-style-type: none"> <li>1. This answer booklet has 4 pages. Please check before writing whether it is complete or in good condition.</li> <li>2. Do not write your name anywhere in the answer booklet.</li> <li>3. Write legibly on both sides of the paper</li> <li>4. You may use some space for any rough notes or calculation on the answer booklet if you need. These rough notes, calculations must be scored out before submitting the answer booklet.</li> <li>5. Do not bring any book or loose paper in the examination hall.</li> <li>6. Do not tear any page from the answer booklet.</li> <li>7. Do not write anything on the question paper or blotting paper or any pieces of paper while you are in the examination hall.</li> <li>8. Any act of indiscipline or misbehavior in the examination hall will result in your expulsion.</li> <li>9. No examinee is allowed to leave the examination hall until 30 minutes lapse after the commencement of the examination.</li> <li>10. Additional answer sheet will be supplied after the main answer booklet is completed.</li> </ol> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;"><b>For Objective Type Questions</b></td> <td rowspan="10" style="padding: 5px; vertical-align: top;">           Session: 2016-17<br/>           Course _____<br/>           Roll No. _____<br/>           Enrollment No. _____<br/>           Semester _____<br/>           Name of the Paper _____<br/>           Paper Code _____         </td> </tr> <tr> <td style="text-align: center;">Page No.</td> <td style="text-align: center;">Marks</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr> <td colspan="2" style="text-align: center;">Total</td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>For Descriptive Type Questions</b></td> </tr> <tr> <td style="text-align: center;">Question No.</td> <td style="text-align: center;">Marks</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr> <td colspan="2" style="text-align: center;">Total</td> </tr> <tr> <td colspan="2" style="text-align: center;">Grand Total</td> </tr> </table> | <b>For Objective Type Questions</b>   |  | Session: 2016-17<br>Course _____<br>Roll No. _____<br>Enrollment No. _____<br>Semester _____<br>Name of the Paper _____<br>Paper Code _____ | Page No. | Marks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total |  | <b>For Descriptive Type Questions</b> |  | Question No. | Marks |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Total |  | Grand Total |  |
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Scrutinizer's Signature

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