

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
SUBJECT CODE: 19SC/MC/SR34
B.A. DEGREE EXAMINATION NOVEMBER 2021
BRANCH III-SOCIOLOGY
THIRD SEMESTER

COURSE: MAJOR CORE

PAPER: SOCIAL RESEARCH AND STATISTICS

TIME :3 hrs

MAX. MARKS : 100

SECTION– A

ANSWER ALL QUESTIONS EACH ANSWER SHOULD NOT EXCEED 100 WORDS

(3 X 4 = 12)

1. Formulate any three null hypothesis with the following variables:
Age, income, Gender, Performance, type of college and employment.
2. Bring out the differences between inclusive and exclusive series? Give examples.
3. Calculate mean deviation for the following data
7, 9, 18, 20, 21, 26, 14, 16, 27, 22, 16, 27.

SECTION– B

ANSWER ANY THREE QUESTIONS EACH ANSWER SHOULD NOT EXCEED 300 WORDS

(3 X 16 = 48)

4. Write a short note on the importance of Review of Literature in Social Research and elaborate on the steps in writing a review.
5. (a) Explain the similarities and dissimilarities in Questionnaire and Observation Methods of data collection.
(b) Prepare a research questionnaire for the following research topic: -
A study on urban homeless in Chennai city.
6. (a) Explain the steps in formulating a research problem.
(b) Formulate a research design for the given research study: - A study on slums in Delhi.
7. (a) Calculate standard deviation using short cut method. $a = 13$

x	f
20	2
21	7
22	11
23	15
24	10
25	4
26	1

- (b) Identify the appropriate sampling method for the following research study and explain the reasons for the choosing the sampling method

Title of the study: The Impact of social media on Children, Adolescents, and Families.

Description of the study: Using social media Web sites is among the most common activity of today's children and adolescents. Any Web site that allows social interaction is considered a social media site, including social networking sites such as Facebook, Myspace, and Twitter; gaming sites and virtual worlds such as Club Penguin, Second Life, and the

Sims; video sites such as YouTube; and blogs. Such sites offer today's youth a portal for entertainment and communication and have grown exponentially in recent years. For this reason, it is important that parents become aware of the nature of social media sites, given that not all of them are healthy environments for children and adolescents. Paediatricians are in a unique position to help families understand these sites and to encourage healthy use and urge parents to monitor for potential problems with cyberbullying, "Facebook depression," and exposure to inappropriate content.

8. (a) Construct a continuous frequency table [inclusive] of the marks of students.

Class interval = 9

Marks-30,25,20, 23,15 20, 11, 11, 37, 15, 40, 31, 29, 38, 27, 13, 7, 29, 25, 37, 42, 30, 10, 9, 27, 25, 18, 2, 9, 47, 17, 11, 32, 41, 6, 29, 15, 13, 39, 21, 40, 10, 15, 3, 4

(b) Explain the importance of research report in social research study.

SECTION- C

ANSWER ANY ONE QUESTIONS EACH ANSWER SHOULD NOT EXCEED 1200 WORDS

(1 X 40 = 40)

9. (a) Explain the importance of variables and hypothesis in Social Research with examples.

(b) Bring out the differences between Probability and Non-probability sampling Methods and its relevance in different social researches.

10. (a)The following are the loans and advances, capital and revenue for the year 1981 to 2021. Draw an appropriate diagram to represent the data and explain the steps in drawing the diagram.

Year	Loans & Advances	Capital	Revenue
1981-1990	9601	5787	5477
1991-2000	2033	3456	4036
2001-2021	1549	6803	2709

(b) Explain the importance of tables and diagrams in social research and distinguish Tables from Diagrams