Banaras Hindu University

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name:	666
Subject Name:	666
Creation Date:	2019-10-22 13:18:02
Duration:	120
Total Marks:	300
Display Marks:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No
Show Watermark on Console?:	Yes
Highlighter:	No
Auto Save on Console?:	No

RET_Health_Statistics

Group Number :	1
Group Id :	76221114
Group Maximum Duration :	0
Group Minimum Duration :	120
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	300

Research_Methodology

Section Id :	76221127
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	40
Number of Questions to be attempted:	40
Section Marks:	120
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	76221127

Question Number : 1 Question Id : 7622111301 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Probability sampling is otherwise called :

सम्भाव्यता प्रतिदर्श को जाना जाता है :

Options :

Multiple choice

1. ✖ बहुविकल्पीय चयन

Uni-variate Analysis

2. ✖ यूनी-वैरिएट विश्लेषण

Random Sampling

3. ✔ यादृच्छिक प्रतिदर्श

Bi-variate Analysis

4. ✖ बाई-वैरिएट विश्लेषण

Question Number : 2 Question Id : 7622111302 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A Research Report is a formal statement of ....

एक शोध रिपोर्ट .... का एक औपचारिक विवरण है।

Options :

Research Process

1. ✔ अनुसंधान प्रक्रिया

Research Problem

2. ✖ अनुसंधान समस्या

Data collection

3. ✖ आंकड़ा संग्रहण

Data Editing

4. ✖ डाटा एडिटिंग

Question Number : 3 Question Id : 7622111303 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is *not* covered under Intellectual Property Rights ?

निम्नलिखित में से कौन बौद्धिक संपदा अधिकारों के अंतर्गत *नहीं* आता है ?

Options :

Copyrights

1. ✖ कॉपीराइट

Patents

2. ✖ पेटेंट

Trademarks

3. ✖ ट्रेडमार्क

Thesaurus

4. ✔ थिसॉरस

Question Number : 4 Question Id : 7622111304 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A bar chart or graph which shows the frequency of occurrence of each value of the variable which is being analysed is termed as :

स्तंभ चार्ट या ग्राफ जो चर के प्रत्येक मान को प्राप्त करने की आवृत्ति को दिखाता है जिसका विश्लेषण किया जा रहा है, को कहा जाता है :

Options :

Bar chart

1. ✖ स्तंभ चार्ट के रूप में

Histogram

2. ✔ कालिकचित्र के रूप में

Candle stick

3. ✖ कैंडल स्टिक के रूप में

Tabulation

4. ✖ सारणीयन के रूप में

Question Number : 5 Question Id : 7622111305 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

The depth of research can be judged by :

शोध की गहराई का अंदाजा इससे लगाया जा सकता है :

Options :

Title of the research work

1. ✖ शोध कार्य का शीर्षक

Objective of research

2. ✔ शोध का उद्देश्य

Total expenditure of research

3. ✖ शोध का कुल खर्च

Duration of research

4. ✖ शोध की अवधि

Question Number : 6 Question Id : 7622111306 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

The mean of a set scores is 50 and standard deviation is 10. If the score of each
student is doubled the new median will be :

समुच्चय अंकों का माध्य 50 है तथा मानक विचलन 10 है। यदि प्रत्येक छात्र के अंकों को दोगुना
कर दिया जाय, नई माध्यिका :

Options :

Remain unchanged

1. ✖ अपरिवर्तित रहेगी

Increase by double

2. ✔ दोगुना वृद्धि होगी

Decrease by half

3. ✖ आधा कम होगी

Become equal to the mean

4. ✖ माध्य के बराबर होगी

Question Number : 7 Question Id : 7622111307 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is **not** a type of research question ?

निम्न में से कौन अनुसंधान प्रश्न का प्रकार **नहीं** है ?

Options :

Predicting an outcome

1. ✖ परिणाम की भविष्यवाणी

Evaluating a phenomenon

2. ✖ घटना का मूल्यांकन

Developing good practice

3. ✖ अच्छी प्रक्रिया को बढ़ाना

A hypothesis

4. ✔ एक परिकल्पना

Question Number : 8 Question Id : 7622111308 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following are types of non-probability sampling techniques except :

निम्न में से सभी गैर-प्रायिकता प्रतिदर्श तकनीक के प्रकार हैं सिवाय :

Options :

Purposive sampling

1. ✖ सोद्देश्य प्रतिदर्श के

Snowball sampling

2. ✖ स्नोबॉल प्रतिदर्श के

Convenience sampling

3. ✖ सुविधा प्रतिदर्श के

Random sampling

4. ✔ यादृच्छिक प्रतिदर्श के

Question Number : 9 Question Id : 7622111309 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

To test null hypothesis, a researcher does **not** use :

नगण्य परिकल्पना का परीक्षण करने हेतु अनुसंधानकर्ता निम्न में से किसका प्रयोग **नहीं** करते हैं ?

Options :

Chi-square test

1. ✖ काई-स्क्वेयर परीक्षण

t-test

2. ✖ टी-परीक्षण

ANOVA

3. ✖ एनोवा

Factorial analysis

4. ✔ क्रमगुणित विश्लेषण

Question Number : 10 Question Id : 7622111310 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

P-value stands for :

पी० मूल्य का अभिप्राय है :

Options :

Probability value

1. ✔ प्रायिकता मूल्य

Preference value

2. ✖ वरीयता मूल्य

Pre-determined value

3. ✖ पूर्व-निश्चित मूल्य

Prescribed value

4. ✖ निर्धारित मूल्य

Question Number : 11 Question Id : 7622111311 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In the process of conducting research "Formulation of Hypothesis" is followed
by :

अनुसंधान करने की प्रक्रिया में ''परिकल्पना के सूत्रीकरण'' के बाद किया जाता है :

Options :

Statement of Objectives

1. ✖ उद्देश्यों का विवरण

Analysis of Data

2. ✖ आँकड़े का विश्लेषण

Selection of Research Tools

3. ✔ अनुसंधान साधनों का चयन

Collection of Data

4. ✖ आँकड़े का संग्रह

Question Number : 12 Question Id : 7622111312 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Longitudinal studies of cohort groups …………. .

दस्ता समूहों का अनुदैर्घ्य अध्ययन है :

Options :

Study the same people over time

1. ✖ कुछ समय पर एक ही लोगों का अध्ययन

Use panel members as participants

2. ✖ भागीदार के रूप में पेनल सदस्यों का उपयोग

Study attitudes at a single point in time

3. ✖ एक समय पर दृष्टिकोण का अध्ययन

Use different participants for each sequenced measurement

4. ✔ प्रत्येक अनुक्रमित मापन हेतु विभिन्न भागीदारों का उपयोग

Question Number : 13 Question Id : 7622111313 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A deductive theory is one that :

निगमनिक सिद्धांत है :

Options :

Allows theory to emerge out of the data

1. ✖ जो सिद्धांत को आँकड़े से व्युत्पन्न होने देता है

Involves testing an explicitly defined hypothesis

2. ✔ जिसमें स्पष्ट तथा परिभाषित परिकल्पना का परीक्षण शामिल है

Allows for findings to feed back into the stock of knowledge

3. ✖ जिसका उद्देश्य है ज्ञान के संचय में प्रतिपुष्टि हेतु निष्कर्ष देना

Uses qualitative methods whenever possible

4. ✖ जो जब भी संभव हो गुणात्मक पद्धति का प्रयोग करता है

Question Number : 14 Question Id : 7622111314 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Meta data is the data that :

मेटा डाटा वह डाटा है जो :

Options :

Distribute other data

1. ✖ अन्य डाटा को बाँटता है

Collect other data

2. ✖ अन्य डाटा को एकत्रित करता है

Describes the other data

3. ✔ डाटा को बताता है

Destroy the data

4. ✖ डाटा को नष्ट करता है

Question Number : 15 Question Id : 7622111315 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Randomization is done to :

यादृच्छिकीकरण की जाती है :

Options :

Increase bias

1. ✖ अभिनति को बढ़ाने के लिए

Reduce bias

2. ✔ अभिनति को कम करने के लिए

For making hypothesis

3. ✖ परिकल्पना करने के लिए

To increase drug efficacy

4. ✖ औषधि क्षमता को बढ़ाने के लिए

Question Number : 16 Question Id : 7622111316 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Data is represented in form of notes, recordings and video tapes in :

आँकड़ा को नोट, रेकार्डिंग एवं वीडियोटेप के रूप में निरूपित किया जाता है :

Options :

Qualitative Research

1. ✔ गुणात्मक अनुसंधान में

Quantitative Research

2. ✖ परिमाणात्मक अनुसंधान में

Experimental Research

3. ✖ प्रयोगात्मक अनुसंधान में

Descriptive Research

4. ✖ वर्णनात्मक अनुसंधान में

Question Number : 17 Question Id : 7622111317 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Grounded theory is often used in formulation of :

ग्राउंडेड थ्योरी का प्रयोग प्रतिपादन में बहुधा किया जाता है :

Options :

1. ✔ Policies and Programme evaluation research

   नीतियों एवं कार्यक्रम मूल्यांकन अनुसंधान के

2. ✘ Opportunity for exploring the facts

   तथ्यों का पता लगाने हेतु अवसर के

3. ✘ Categorizing data

   आँकड़ा को श्रेणीबद्ध करने के

4. ✘ Understanding the culture

   संस्कृति को समझने के

Question Number : 18 Question Id : 7622111318 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Read the statement **A** and **B** and choose the correct option :

कथन **क** एवं **ख** को पढ़िए तथा सही विकल्प चुनिए :

Statement A : Variables can be manipulated, controlled or observed by the experimenter.

कथन **क** : चरों को प्रयोगकर्ता द्वारा काम में लाया, नियंत्रित या अवलोकित किया जा सकता है।

Statement B : Variables are not related to theoretical concepts.

कथन **ख** : चर सैद्धांतिक अवधारणाओं से संबंधित नहीं हैं।

Options :

1. ✘ Both the statements are true

   दोनों कथन सत्य हैं

2. ✔ Statement **A** is true but **B** is false

   कथन **क** सत्य है किन्तु कथन **ख** असत्य है

3. ✘ Both the statements are false

   दोनों कथन असत्य हैं

4. ✘ Statement **A** is false but **B** is true

   कथन **क** असत्य है किन्तु कथन **ख** सत्य है

Question Number : 19 Question Id : 7622111319 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is not a category of legal research ?

निम्नलिखित में कौन-सा विधिक शोध की श्रेणी में नहीं आता है ?

Options :

1. ✔ a parasitic discipline of law
परजीवी विषय के रूप में

2. ✘ a practical discipline of law
व्यावहारिक विषय के रूप में

3. ✘ an aspect of the humanities
मानविकी के एक पहलू के रूप में

4. ✘ an aspect of social sciences
सामाजिक विज्ञान के पहलू के रूप में

Question Number : 20 Question Id : 7622111320 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Rejection of null hypothesis when it is true is called :

सत्य होने की स्थिति में नगन्य परिकल्पना की अस्वीकृति क्या कहलाती है ?

Options :

1. ✘ Type II error
टाइप II त्रुटि

2. ✔ Type I error
टाइप I त्रुटि

3. ✘ Sampling error
प्रतिदर्श त्रुटि

4. ✘ Standard error
मानक त्रुटि

Question Number : 21 Question Id : 7622111321 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a research study one of the variables selected was (students') parents' occupation such as business, farming, service etc. What level of measurement is this ?

"अनुसंधान अध्ययन में चयनित एक चर माता-पिता का व्यवसाय जैसे व्यापार, खेती, सेवा इत्यादि। यह किस प्रकार का मापन है ?"

Options :

Nominal

1. ✔ सांकेतिक

Ordinal

2. ✘ क्रमसूचक

Interval

3. ✘ अन्तराल

Ratio

4. ✘ अनुपात

Question Number : 22 Question Id : 7622111322 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is standard error ?

मानक त्रुटि क्या है ?

Options :

Standard deviation of the sampling distribution of a statistic

1. ✔ सांख्यिकीय के प्रतिदर्श बंटन का मानक विचलन

Modal error value of the standard range of a statistic

2. ✘ सांख्यिकीय के मानक रेंज का मॉडल त्रुटि मान

Error in the calculation of standard deviation of a statistic

3. ✘ सांख्यिकीय के मानक विचलन के गणना में त्रुटि

Standardized statistic to minimize error

4. ✘ त्रुटि को कम करने के लिए मानकीकृत सांख्यिकीय

Question Number : 23 Question Id : 7622111323 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is helpful in determining sample size ?
प्रतिदर्श आकार का निर्धारण करने में निम्न में से कौन सहायक है ?

Options :

1. ✖ Russell 2000 index
रसेल 2000 सूचकांक

2. ✔ Cochran's formula
कोकरन का नियम

3. ✖ Tussad's formula
तुसाद का नियम

4. ✖ Spearman's formula
स्पीयरमैन का नियम

Question Number : 24 Question Id : 7622111324 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is not true about the case study method ?
'केस अध्ययन' के बारे में निम्नलिखित में से क्या सत्य नहीं है ?

Options :

1. ✖ It is an expensive method of research
यह एक महंगी पद्धति है

2. ✖ There are many chances of making errors
इसमें त्रुटि होने की बहुत संभावना होती है

3. ✖ It is mainly qualitative in nature
यह मुख्यतया गुणात्मक होता है

4. ✔ It is quantitative in nature
यह मात्रात्मक होता है

Question Number : 25 Question Id : 7622111325 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Read statement A and B and Choose the correct option :

कथन **क** एवं **ख** को पढ़िए तथा सही विकल्प का चुनाव कीजिए :

Statement A : The Latin square design has an advantage over randomized block design because it is possible to control the effects of two secondary variables.

कथन क : लैटिन स्क्वायर डिजाइन यादृच्छिक ब्लॉक डिजाइन से अधिक लाभदायक है क्योंकि यह दो गौण चरों के प्रभाव को नियंत्रित करने में संभव है।

Statement B : A $2 \times 2 \times 2$ factorial design has six independent variables.

कथन ख : एक $2 \times 2 \times 2$ क्रमगुणित डिजाइन में छह स्वतंत्र चर होते हैं।

Options :

1. ✖ Both A and B are true
क एवं ख दोनों सत्य हैं

2. ✔ A is true and B is false
क सत्य है तथा ख असत्य है

3. ✖ Both A and B are false
क एवं ख दोनों असत्य हैं

4. ✖ A is false but B is true
क असत्य है लेकिन ख सत्य है

Question Number : 26 Question Id : 7622111326 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A researcher is invstigating teacher's attitude towards year-round schooling. She is particularly interested in describing the attitude of teachers from small, medium, and large schools. Which sampling procedure should be used by her to ensure her sample is representative of these types of schools ?

एक अनुसंधानकर्त्ता वर्ष भर स्कूलिंग के प्रति अध्यापक के मनोवृत्ति का अन्वीक्षण कर रही है। वह छोटे, मध्यम तथा बड़े स्कूलों से शिक्षकों के मनोवृत्ति की व्याख्या में विशेष रूप से दिलचस्पी ले रही है। उसे किस प्रतिदर्श विधि का प्रयोग करना चाहिए जिससे उसके प्रतिदर्श इन स्कूलों का सही प्रतिनिधित्व कर सकें ?

Options :

1. ✖ Cluster
समूह

2. ✖ Quota
कोटा

Systematic

3. ✖ योजनाबद्ध

Stratified

4. ✔ स्तरित

Question Number : 27 Question Id : 7622111327 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following type of research focuses on amending the prevailing situations ?

निम्न में से किस प्रकार का अनुसंधान अभिभावी स्थितियों को सुधारने पर संकेन्द्रित करता है ?

Options :

Action research

1. ✔ क्रियाविधि अनुसंधान

Experimental research

2. ✖ प्रयोगात्मक अनुसंधान

Fundamental research

3. ✖ मूलभूत अनुसंधान

Conclusive research

4. ✖ निर्णयात्मक अनुसंधान

Question Number : 28 Question Id : 7622111328 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If there are eight categories or classes in a goodness of fit test, what will be the degree of freedom ?

यदि गुडनेस ऑफ फिट टेस्ट में आठ श्रेणियाँ या वर्ग हैं, तो स्वातंत्र्य कोटि क्या होगी ?

Options :

1. ✖ 8

2. ✔ 7

3. ✖ 6

Cannot tell on the basis of the information given

4. ✖ दिये गये जानकारी के आधार पर बताया नहीं जा सकता है

Question Number : 29 Question Id : 7622111329 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Qualitative research helps in collecting data under more .... situations.

गुणात्मक अनुसंधान अधिक .... स्थितियों में आँकड़ा एकत्रित करने में सहायता करता है।

Options :

Normal

1. ✖ सामान्य

Natural

2. ✔ प्राकृतिक

Experimental

3. ✖ प्रयोगात्मक

Artificial

4. ✖ कृत्रिम

Question Number : 30 Question Id : 7622111330 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Read statement **A** and **B** and choose the correct option :

कथन **क** एवं **ख** को पढ़िए तथा सही विकल्प चुनिए :

Statement A : A case study can be used only in clinical psychology.

कथन क : वृत्त अध्ययन (केस स्टडी) का प्रयोग केवल क्लिनिकल मनोविज्ञान में किया जा सकता है।

Statement B : The approach of case study is based on the artificial atmosphere.

कथन ख : वृत्त अध्ययन (केस स्टडी) का दृष्टिकोण कृत्रिम परिवेश पर आधारित है।

Options :

Both A and B are true

1. ✖ क एवं ख दोनों सत्य हैं

Statement A is true and but B is false

2. ✖ कथन क सत्य है लेकिन ख असत्य है

Both A and B are false

3. ✔ क एवं ख दोनों असत्य हैं

Statement A is false but B is true

4. ✘ कथन क असत्य है लेकिन ख सत्य है

Question Number : 31 Question Id : 7622111331 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Which type of research focus on what will be ?

किस प्रकार का अनुसंधान क्या होगा पर फोकस करता है ?

Options :

Experimental

1. ✔ प्रयोगात्मक

Case study

2. ✘ वृत्त अध्ययन (केस स्टडी)

Survey

3. ✘ सर्वेक्षण

Ex-post facto

4. ✘ पूर्व प्रभावी

Question Number : 32 Question Id : 7622111332 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Which of the following should be up to date, complete and affordable for proper

sampling ?

निम्न में से कौन उचित प्रतिदर्श हेतु अद्यतन, पूर्ण तथा संभव होना चाहिए ?

Options :

Sampling technique

1. ✘ प्रतिदर्श तकनीक

Sample frame

2. ✔ प्रतिदर्श फ्रेम

Respondents

3. ✖ प्रतिक्रिया दिखाने वाले

Tools for data collection

4. ✖ आँकड़ा संग्रह हेतु साधन

Question Number : 33 Question Id : 7622111333 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is a research design ?

अनुसंधान अभिकल्प क्या है ?

Options :

A way of conducting research that is not grounded in theory

1. ✖ अनुसंधान करने का तरीका जो सिद्धांत में आधारित नहीं है

The choice between using qualitative or quantitative methods

2. ✖ गुणात्मक एवं परिमाणात्मक पद्धतियों का प्रयोग करने के बीच विकल्प

The style in which you present your research findings, e. g. a graph

3. ✖ शैली जिसमें आप अपने अनुसंधान निष्कर्ष अर्थात ग्राफ को प्रस्तुत करते हैं

A framework for every stage of the collection and analysis of data

4. ✔ आँकड़ा के विश्लेषण तथा संग्रह के प्रत्येक प्रक्रम हेतु ढाँचा

Question Number : 34 Question Id : 7622111334 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If a study is "reliable", this means that :

यदि अध्ययन विश्वसनीय है, इसका मतलब है कि :

Options :

It was conducted by a reputed researcher who can be trusted

1. ✖ यह प्रतिष्ठित अनुसंधानकर्ता द्वारा की जाती है जिस पर विश्वास किया जा सकता है

The measures devised for concepts are stable on different occasions

2. ✔ अवधारणाओं हेतु कल्पित उपाय विभिन्न अवसरों पर स्थिर होता है

3. ✗ The findings can be generalized to other social settings
निष्कर्ष को अन्य सामाजिक वातावरण के लिए सामान्यीकृत किया जा सकता है

4. ✗ The methods are stated clearly enough for the research to be replicated
अनुसंधान की प्रतिकृति किये जाने हेतु पद्धतियों को स्पष्ट रूप से पर्याप्त बताया गया है

Question Number : 35 Question Id : 7622111335 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ethical norms in research does *not* involve guidelines for which of the following ?

अनुसंधान में नीतिपरक मानक में निम्न में किसके लिए दिशा-निर्देश शामिल *नहीं* है ?

Options :

1. ✔ Thesis Format
शोध प्रबन्ध प्रारूप

2. ✗ Copyright
कॉपीराइट

3. ✗ Patenting policy
पेटेन्ट नीति

4. ✗ Data sharing policy
डाटा शेयरिंग नीति

Question Number : 36 Question Id : 7622111336 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

.... is *not* a source of Hypothesis.

.... परिकल्पना का एक स्रोत *नहीं* है।

Options :

1. ✗ Intuition
सहज बोध

2. ✗ Knowledge
ज्ञान

Energy

3. ✅ ऊर्जा

Theory

4. ❌ सिद्धान्त

Question Number : 37 Question Id : 7622111337 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following variables cannot be expressed in quantitative terms ?

निम्नलिखित में से किस चर को मात्रात्मक शब्दों में व्यक्त नहीं किया जा सकता है ?

Options :

Socio-economic status

1. ❌ सामाजिक आर्थिक स्थिति

Marital status

2. ❌ वैवाहिक स्थिति

Numerical aptitude

3. ✅ संख्यात्मक अभिरुचि

Professional aptitude

4. ❌ पेशेवर अभिरुचि

Question Number : 38 Question Id : 7622111338 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is *not* a citation style ?

निम्नलिखित में से कौन एक उद्धरण विधि *नहीं* है ?

Options :

A.P.A.

1. ❌ ए० पी० ए०

M.L.A.

2. ❌ एम० एल० ए०

Chicago

3. ✖ शिकागो

Ohio

4. ✔ ओहियो

Question Number : 39 Question Id : 7622111339 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Which of the following is not a defining characteristics of non-doctrinal research ?
निम्नलिखित में से क्या गैर-सैद्धान्तिक शोध का परिभाषिक लक्षण नहीं है ?

Options :

It is organized around legal principles and appellate court decisions.
1. ✔ यह विधिक सिद्धान्तों और अपीलीय न्यायालय के निर्णयों के चारों तरफ व्यवस्थित होता है।

It puts lesser emphasis upon doctrines.
2. ✖ यह सिद्धान्तों पर कम बल देता है।

It seeks to answer broader and numerous questions.
3. ✖ यह वृहद एवमू अनेक प्रश्नों के उत्तर खोजने की कोशिश करता है।

It may involve the use of research tools and perspectives not peculiar to law.
4. ✖ इसमें ऐसा शोध औजार और दृष्टिकोण प्रयुक्त हो सकता है जो केवल विधि तक सीमित नहीं होते हैं।

Question Number : 40 Question Id : 7622111340 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Which of the following is *not* true about positivism ?

निम्नलिखित में से कौन यथार्थवाद (पॉजिटिविस्म) के संबंध में सही *नहीं* है ?

Options :

It is associated with Auguste Comte
1. ✖ यह अगस्त कॉम्ट के साथ जुड़ा है

It denies metaphysical speculation
2. ✖ यह तत्वमीमांसिक अटकलबाजी की अवहेलना करता है

It emphasises on objectivity

3. ✘ यह वस्तुनिष्ठता पर जोर देता है

It is a method used in qualitative research

4. ✔ यह एक विधि है जिसका प्रयोग गुणात्मक शोध में होता है

Question Number : 41 Question Id : 7622111341 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In tossing three coins at a time, the probability of getting at most one head is :

Options :

1. ✘ $\dfrac{3}{8}$

2. ✘ $\dfrac{7}{8}$

3. ✔ $\dfrac{1}{2}$

4. ✘ $\dfrac{1}{8}$

Question Number : 42 Question Id : 7622111342 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The chance that a doctor will diagnose a disease correctly is 60%. The chance that a patient will die by his treatment after correct diagnosis is 40% and the chance of death by his wrong diagnosis is 70%. A patient who had disease and died. The probability that his disease was diagnosed correctly is :

Options :

1. ✖ $\dfrac{6}{25}$

2. ✖ $\dfrac{7}{25}$

3. ✔ $\dfrac{6}{7}$

4. ✖ $\dfrac{6}{13}$

Question Number : 43 Question Id : 7622111343 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For two events A_1 and A_2, if $P(A_1) = \dfrac{2}{3}$, $P(A_2) = \dfrac{3}{8}$ and $P(A_1 \cap A_2) = \dfrac{1}{4}$, then A_1 and A_2 are :

Options :

1. ✖ Mutually exclusive but not independent

2. ✖ Mutually exclusive and independent

3. ✔ Independent but not mutually exclusive

4. ✖ Neither mutually exclusive nor independent

Question Number : 44 Question Id : 7622111344 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A fair coin is tossed repeatedly unless a head is obtained. The probability that the coin has to be tossed at least four times is :

Options :

1. ✖ $\dfrac{1}{2}$

2. ✔ $\dfrac{1}{4}$

3. ✖ $\dfrac{1}{6}$

4. ✖ $\dfrac{1}{8}$

Question Number : 45 Question Id : 7622111345 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One of the two events is certain to happen. The chance of one event is one-fifth of the other. The odds in favour of the other is :

Options :

1. ✖ $1 : 6$

2. ✖ $6 : 1$

3. ✖ $5 : 1$

4. ✔ $1 : 5$

Question Number : 46 Question Id : 7622111346 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Why multiple regressions are not considered a multivariate statistical method ?

Options :

1. ✔ Because it involves only one dependent variable.

2. ✖ Because the number of independent variable is not fixed.

3. ✖ Because the relation between dependent and independent variables is not necessarily linear.
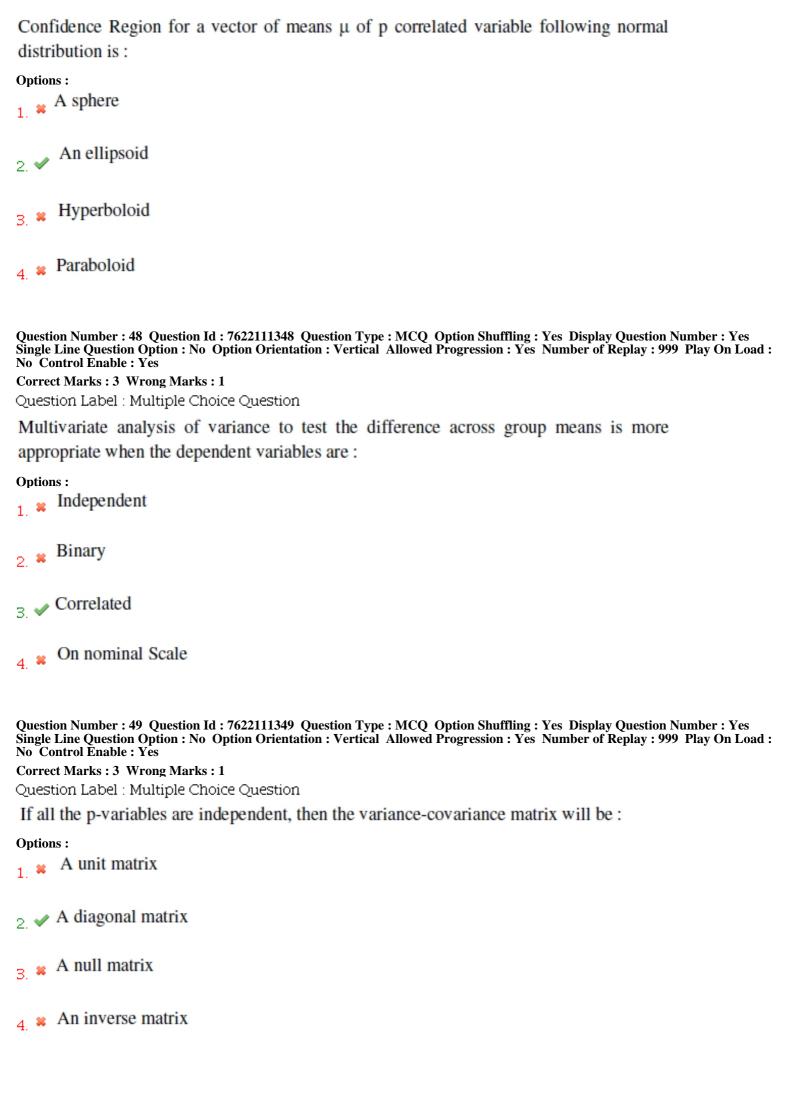
4. ✖ All of the three.

Question Number : 47 Question Id : 7622111347 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Confidence Region for a vector of means μ of p correlated variable following normal distribution is :

Options :

1. ✖ A sphere

2. ✔ An ellipsoid

3. ✖ Hyperboloid

4. ✖ Paraboloid

Question Number : 48 Question Id : 7622111348 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Multivariate analysis of variance to test the difference across group means is more appropriate when the dependent variables are :

Options :

1. ✖ Independent

2. ✖ Binary

3. ✔ Correlated

4. ✖ On nominal Scale

Question Number : 49 Question Id : 7622111349 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If all the p-variables are independent, then the variance-covariance matrix will be :

Options :

1. ✖ A unit matrix

2. ✔ A diagonal matrix

3. ✖ A null matrix

4. ✖ An inverse matrix

Question Number : 50 Question Id : 7622111350 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Three groups of 30 ladies namely; adolescent, young and middle aged are to give scores out of 20 to 5 brands of soap in respect of hardness, foams, antibacterial effect, odor and price. You are to test whether the groups differ significantly. What type of analysis would you prefer ?

Options :

1. ✖ Multivariate analysis of variance

2. ✖ Discriminant analysis

3. ✔ Factor analysis

4. ✖ Principal component analysis

Question Number : 51 Question Id : 7622111351 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Probability of drawing a unit at each selection remains same in :

Options :

1. ✖ SRSWOR

2. ✖ SRSWR

3. ✔ Both SRSWOR & SRSWR

4. ✖ None of the three

Question Number : 52 Question Id : 7622111352 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If the sample values are 1, 3, 5, 7 and 9, the standard error of sample mean is :

Options :

1. ✔ $\sqrt{2}$

2. ✖ $1\sqrt{2}$

3. ✖ 2.0

4. ✖ ½

Question Number : 53 Question Id : 7622111353 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A population was divided into clusters and it was found that within cluster variation was less than the variation between clusters. If a sample of units was selected randomly from each cluster, the sampling procedure used was :

Options :

1. ✖ Multistage sampling

2. ✔ Stratified sampling

3. ✖ Cluster sampling

4. ✖ Systematic sampling

Question Number : 54 Question Id : 7622111354 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For estimating the population proportion P in a class of a population having N units, the variance of the sample proportion p based on sample of size n is :

Options :

1. ✖ (N/N−1)∗(PQ/n)

2. ✖ (N/N−1)∗(PQ/N)

3. ✔ (N−n/N)∗(PQ/n)

4. ✖ (N−1/N−n)∗(PQ/n)

Question Number : 55 Question Id : 7622111355 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A sample of 16 items from an infinite population indicated total scores 160 with standard deviation 4. The standard error of sampling distribution of mean is :

Options :

1. ✔ 1

2. ✖ 10

3. ✖ 40

4. ✖ None of the three

Question Number : 56 Question Id : 7622111356 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In case of inverse sampling, the proportion 'P' of m units of interest contended in a sample of n units is :

Options :

1. ✖ m/n

2. ✖ (m–l)/n

3. ✔ (m–1)/(n+l)

4. ✖ (m–l)/(n–1)

Question Number : 57 Question Id : 7622111357 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Let the standard error of estimator T under SRSWOR is more than the standard error of T under stratified random sampling. Than T under stratified random sampling as compared to T under SRSWOR is :

Options :

1. ✔ More reliable

2. ✖ Less reliable

3. ✖ Equally reliable

4. ✖ Not comparable

Question Number : 58 Question Id : 7622111358 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One can find the initial basic feasible solution by using :

Options :

1. ✓ VAM

2. ✗ MODI

3. ✗ Optimality test

4. ✗ None of the three

Question Number : 59 Question Id : 7622111359 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The probability density function of a Markov process is :

Options :

1. ✓ $p(x_1, x_2, x_3 \ldots, x_n) = p(x_1)p(x_2/x_1)p(x_3/x_2) \ldots p(x_n/x_n - 1)$

2. ✗ $p(x_1, x_2, x_3 \ldots, x_n) = p(x_1)p(x_1/x_2)p(x_2/x_3) \ldots p(x_n - 1/x_n)$

3. ✗ $p(x_1, x_2, x_3 \ldots, x_n) = p(x_1)p(x_2)p(x_3) \ldots p(x_n)$

4. ✗ $p(x_1, x_2, x_3 \ldots, x_n) = p(x_1)p(x_2 * x_1)p(x_3 * x_2) \ldots p(x_n * x_n - 1)$

Question Number : 60 Question Id : 7622111360 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

$S(t) =$ Number of individuals alive beyond t divided by number at risk at baseline is :

Options :

1. ✓ Cumulative survival

2. ✗ Probability of death

3. ✗ Survival before time t

4. ✗ None of the three

Question Number : 61 Question Id : 7622111361 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The unique feature of survival analysis is it :

Options :

1. ✖ Analysis of variable which is time to event

2. ✖ Underlying time to event variable is always non negative

3. ✔ Analysis of censored data

4. ✖ Endpoint is always death

Question Number : 62 Question Id : 7622111362 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Kaplan Meir estimates are used :

Options :

1. ✖ To estimate hazard rate

2. ✖ When survival probability are steadily decreasing

3. ✖ To estimate regression coefficient in Cox regression

4. ✔ To calculate survival probabilities when the censorship is present

Question Number : 63 Question Id : 7622111363 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Natality rate means :

Options :

1. ✖ Mortality rate

2. ✖ Morbidity rate

3. ✖ Disability rate

4. ✔ Birth rate

Question Number : 64 Question Id : 7622111364 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Denominator in maternal mortality ratio considered is :

Options :

1. ✓ Total number of live births

2. ✗ Total Maternal population

3. ✗ Total pregnant mothers

4. ✗ Total infants

Question Number : 65 Question Id : 7622111365 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one is the critical stage in demographic transition ?

Options :

1. ✗ High stationary

2. ✓ Early expanding

3. ✗ Late expanding

4. ✗ Declining

Question Number : 66 Question Id : 7622111366 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Infant mortality does not include :

Options :

1. ✗ Early neonatal mortality

2. ✓ Perinatal mortality

3. ✗ Post neonatal mortality

4. ✗ Late neonatal mortality

Question Number : 67 Question Id : 7622111367 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Sample Registration System provides adequate information on :

Options :

1. ✖ Prevalence of disease in different segment of population

2. ✖ Causes of death in rural areas

3. ✔ Birth and death rates for the states and the country

4. ✖ All of the three

Question Number : 68 Question Id : 7622111368 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If 40 observations arranged in ascending order, the median value in the arranged would
be :

Options :

1. ✖ 20th observation

2. ✖ 21th observation

3. ✔ Average of 20th and 21th observations

4. ✖ None of the three

Question Number : 69 Question Id : 7622111369 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If Hb level of healthy women has mean 13.5 gm% with SD 1.5 gm%, what would be the
Z score for a woman with Hb level 15.0 gm% ?

Options :

1. ✖ 1.5

2. ✖ 11.5

3. ✖ 10.5

4. ✔ 1.0

Question Number : 70 Question Id : 7622111370 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For a Gaussian distribution all of the following are true except :

Options :

1. ✖ Mean median and mode are same

2. ✔ It can have two modes

3. ✖ Bell shaped

4. ✖ Mean ± 2Sd includes nearly 95% observations

Question Number : 71 Question Id : 7622111371 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The HDL = a + b (calorie intake)+ c (level of physical activity) is an example of :

Options :

1. ✖ Simple linear regression

2. ✖ Simple curvilinear regression

3. ✔ Multiple linear regression

4. ✖ Multiple curvilinear regression

Question Number : 72 Question Id : 7622111372 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The odds ratio in a case control study was obtained as 5.2. The statistical significance of OR can be assessed by :

Options :

1. ✖ Paired t test

2. ✖ Unpaired t test

3. ✖ Wilcoxon sign rank test

4. ✔ Chi square test

Question Number : 73 Question Id : 7622111373 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If two samples are drawn from two non Gaussian population, to test that the two population's distribution is similar or different, one should apply :

Options :

1. ✖ Unpaired t test

2. ✖ Wilcoxon sign rank test

3. ✔ Mann Whitney test

4. ✖ None of the three

Question Number : 74 Question Id : 7622111374 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a randomized clinical trial, the essential purpose of randomization is :

Options :

1. ✖ To produce double blinding

2. ✖ To decrease the follow- up period

3. ✔ To eliminate the selection bias

4. ✖ To decrease the sample size

Question Number : 75 Question Id : 7622111375 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The type of epidemiological study which compare the risk factor of a disease is :

Options :

1. ✖ Descriptive

2. ✔ Analytical

3. ✖ Experimental

4. ✖ Interventional

Question Number : 76 Question Id : 7622111376 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Total number of cases at a given point of time in a given population gives :

Options :
1. ✔ Prevalence

2. ✖ Attack rate

3. ✖ Incidence

4. ✖ Attributable risk

Question Number : 77 Question Id : 7622111377 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Each patient receive both the treatment in a clinical trial, that is called :

Options :
1. ✖ Double blind trial

2. ✖ Crossover trial

3. ✔ Randomized parallel trial

4. ✖ None of the three

Question Number : 78 Question Id : 7622111378 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

A cohort study is :

Options :
1. ✔ Costly and time consuming

2. ✖ Suffer with lost to follow up

3. ✖ Not carried for rare disease

4. ✖ All of the three

Question Number : 79 Question Id : 7622111379 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

Matching in case control studies is done to control uncertainties due to :

Options :

1. ✖ Sampling fluctuation

2. ✔ Lack of statistical power

3. ✖ Loss of patients in follow up

4. ✖ Bias due to confounders

Question Number : 80 Question Id : 7622111380 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

To evaluate the effectiveness of a drug already in use against renal failure, the patients
are investigated who have taken the drug and who have not. Is this a ?

Options :

1. ✖ Prospective study

2. ✔ Retrospective study

3. ✖ Experimental

4. ✖ Clinical trial

Question Number : 81 Question Id : 7622111381 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load :
No Control Enable : Yes
Correct Marks : 3 Wrong Marks : 1
Question Label : Multiple Choice Question

An indicator of severity of a disease is :

Options :

1. ✖ Cause specific death rate

2. ✔ Case fatality rate

3. ✖ Incidence rate

4. ✖ Prevalence rate

Question Number : 82 Question Id : 7622111382 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Incidence rate of a disease refers to :

Options :

1. ✖ New cases in the whole population

2. ✖ Old cases in the whole population

3. ✖ Both new and old cases in the whole population

4. ✔ New cases in the population at risk

Question Number : 83 Question Id : 7622111383 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Calculation of relative risk requires :

Options :

1. ✔ Prospective study

2. ✖ Retrospective study

3. ✖ Cross sectional study

4. ✖ Exploratory study

Question Number : 84 Question Id : 7622111384 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Calculation between diet and peptic ulcer is measured by studying the diet in the cases of peptic ulcer versus diet in non-ulcer cases and association is assessed by :

Options :

1. ✖ Relative risk

2. ✖ Attributable risk

3. ✔ Odds ratio

4. ✖ None of the three

Question Number : 85 Question Id : 7622111385 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The number needed to treat requires :

Options :

1. ✖ Relative risk

2. ✖ Odds ratio

3. ✔ Risk difference

4. ✖ Attributable risk

Question Number : 86 Question Id : 7622111386 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

For finding the sample size that would be adequate to estimate the proportion of diabetics among hypertensive's, all the following will be required except :

Options :

1. ✖ Confidence level

2. ✔ Relative risk

3. ✖ Anticipated proportion of diabetics

4. ✖ Level of significance & anticipated proposition of diabetics

Question Number : 87 Question Id : 7622111387 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Confounding can be removed by :

Options :

1. ✖ Assign confounders equally to both cases and controls

2. ✖ Stratification

3. ✖ Matching

4. ✔ All of the three

Question Number : 88 Question Id : 7622111388 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Regarding Case Control study true is :

Options :

1. ✔ Useful for rare diseases

2. ✖ Incidence can be calculated

3. ✖ Takes longer time

4. ✖ Relative risk can be calculated

Question Number : 89 Question Id : 7622111389 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Occurrence of a disease in a haphazard and irregular pattern is known as :

Options :

1. ✖ Endemic

2. ✖ Epidemic

3. ✔ Sporadic

4. ✖ Pandemic

Question Number : 90 Question Id : 7622111390 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most Difficult criterion to establish Casual Association in aetiology of disease is :

Options :

1. ✖ Temporality

2. ✖ Strength of Association

3. ✔ Specificity of Association

4. ✖ Biological plausibility

Question Number : 91 Question Id : 7622111391 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Researcher wants to study the blood levels of Lipid among people who smoke and those do not. But he is now concerned that smokers might differ from non smokers in their diet, exercise etc as well. This concerns is known as :

Options :

1. ✖ Recall Bias

2. ✖ Information Bias

3. ✖ Hawthorne Bias

4. ✔ Selection bias

Question Number : 92 Question Id : 7622111392 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Migration study is used to study :

Options :

1. ✖ Socio demographic reasons for migration of populations

2. ✖ Prevalence of disease in a population

3. ✔ Environmental and genetic factors in a disease population

4. ✖ Disease with long incubation period

Question Number : 93 Question Id : 7622111393 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Mortality rate is :

Options :

1. ✖ Rate

2. ✖ Ratio

3. ✔ Proportion

4. ✖ None

Question Number : 94 Question Id : 7622111394 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Sullivan's Index :

Options :

1. ✖ Measures disability

2. ✖ Measures life years adjusted with death

3. ✔ Measures the life expectancy free of disability

4. ✖ Measures life expectancy

Question Number : 95 Question Id : 7622111395 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

About direct standardized all are true except :

Options :

1. ✔ Age specific death rate is not needed

2. ✖ A Standard population is needed

3. ✖ Population should be comparable

4. ✖ Two population are compared

Question Number : 96 Question Id : 7622111396 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Epidemiological survey of 'at risk' is called :

Options :

1. ✖ Survey

2. ✔ Screening

3. ✖ Surveillance

4. ✖ Rehabilitation

Question Number : 97 Question Id : 7622111397 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of these is the best determining the threshold for the diagnosis of a positive test ?

Options :

1. ✖ Pre test probability

2. ✔ Receiver operator characteristics curve

3. ✖ Pearson coefficient

4. ✖ Analysis of Variance

Question Number : 98 Question Id : 7622111398 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

True positive cases are detected by :

Options :

1. ✖ Specificity

2. ✔ Sensitivity

3. ✖ Positive predictive value

4. ✖ Negative predictive value

Question Number : 99 Question Id : 7622111399 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Period between the possible time of detection and actual time of diagnosis is :

Options :

1. ✅ Lead Time

2. ❌ Screening time

3. ❌ Generation Time

4. ❌ Serial Interval

Question Number : 100 Question Id : 7622111400 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Reliability of a test means :

Options :

1. ❌ It measures what it is suppose to measures

2. ❌ It is able to correctly predict the presence of disease

3. ❌ It is correctly exclude the possibility of disease

4. ✅ It yield the same reading/value when repeated under same conditions