

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.

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Protractor Required? :	No
Show Watermark on Console? :	Yes
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Auto Save on Console?	No
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Integrated M.Phil-Ph.D. Programme in ESD

Group Number :	1
Group Id :	509398188
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Research_Methodology

Section Id :	509398314
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	40
Number of Questions to be attempted :	40
Section Marks :	120
Enable Mark as Answered Mark for Review and Clear Response :	Yes
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Sub-Section Number :	1
Sub-Section Id :	509398341
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 50939821023 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In which of the following research designs hypothesis is *not* necessarily required ?

निम्न शोध प्रारूपों में से किसमें परिकल्पना की आवश्यकता *नहीं* होती है ?

Options :

1. ✘ Descriptive
विवरणात्मक
2. ✘ Experimental
प्रयोगात्मक
3. ✘ Diagnostic
निदानात्मक
4. ✔ Exploratory
अन्वेषणात्मक

Question Number : 2 Question Id : 50939821024 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which sequence of research steps is logical in the list given below ?

निम्नांकित में अनुसंधान चरणों का कौन-सा क्रम तार्किक है ?

Options :

1. ✘ Problem formulation, Analysis, Development of research design, Hypothesis making, Collection of data, Arriving at generalizations and conclusions
समस्या स्थापन, विश्लेषण, अभिकल्प का विकास, परिकल्पना निर्माण, समंक एकत्रीकरण, सामान्यीकरण और निष्कर्ष निरूपण

Development of research design, Hypothesis making, Problem formulation, Data Analysis, Arriving at conclusions and data collection

शोध अभिकल्प का विकास, परिकल्पना निर्माण, समस्या स्थापन, समंक विश्लेषण,

2. ✖ निष्कर्ष निरूपण एवं समंक एकत्रीकरण

Problem formulation, Hypothesis making, Development of a research design, Collection of data, Data Analysis and Formulation of generalizations and conclusions

समस्या स्थापन, परिकल्पना निर्माण, शोध अभिकल्प का विकास, समंक

3. ✔ एकत्रीकरण, समंक विश्लेषण, सामान्यीकरण तथा निष्कर्ष निरूपण

Problem formulation, Deciding about the sample and data collection tools, Formulation of hypothesis, Collection and interpretation of research evidence.

समस्या स्थापन, प्रतिदर्श तथा समंक एकत्रीकरण उपकरणों के बारे में निर्णय

4. ✖ करना, परिकल्पना निर्माण, शोध साक्ष्य का संकलन एवं निर्वचन

Question Number : 3 Question Id : 50939821025 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is called non-probability sampling ?

निम्न में से किसे गैर-संभाव्यता प्रतिदर्शन कहा जाता है ?

Options :

Quota sampling

1. ✔ कोटा प्रतिदर्शन

Cluster sampling

2. ✖ गुच्छ प्रतिदर्शन

3. ✖ Systematic sampling
व्यवस्थित प्रतिदर्शन

4. ✖ Stratified random sampling
स्तरित संभाव्य प्रतिदर्शन

Question Number : 4 Question Id : 50939821026 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

During which stage of research coding is essential ?

शोध के किस चरण के दौरान कूट संकेतन आवश्यक है ?

Options :

1. ✖ Before drawing a sample
प्रतिदर्श प्राप्त करने से पहले

2. ✖ Before collecting data
आँकड़ों के संग्रहण से पहले

3. ✔ After cleaning of collected data
संग्रहित आँकड़ों के सफाई के बाद

4. ✖ After tabulation of data
आँकड़ों के तालिकाकरण के बाद

Question Number : 5 Question Id : 50939821027 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Under which of the following situations, Chi-square test is applicable ?

निम्नलिखित में से किस स्थिति में काई-वर्ग परीक्षण लागू होता है ?

- (A) Test of homogeneity
एकरूपता परीक्षण
- (B) Test of goodness of fit
समंजन उत्तमता (गुडनेस ऑफ फिट) परीक्षण
- (C) Test of equality of two sample means
दो प्रतिदर्श माध्यों की समानता का परीक्षण
- (D) Test of independence of attributes
गुणों की स्वतंत्रता का परीक्षण

Choose the most appropriate alternative from the options given below :

नीचे दिये गये विकल्पों में से सबसे उपयुक्त विकल्प का चुनाव कीजिए :

Options :

- 1. ✘ (A), (B)
- 2. ✔ (A), (B), (D)
- 3. ✘ (B), (C), (D)
- 4. ✘ (C), (D)

Question Number : 6 Question Id : 50939821028 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which scale is the simplest form of measurement ?

माप का सबसे सरल रूप कौन-सा पैमाना है ?

Options :

- 1. ✓ Nominal
सांकेतिक
- 2. ✗ Ordinal
क्रमवार
- 3. ✗ Interval
अन्तराल
- 4. ✗ Ratio
अनुपात

Question Number : 7 Question Id : 50939821029 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following correlational value is the strongest ?

निम्नलिखित में से कौन-सा सहसम्बन्ध मूल्य सबसे मजबूत है ?

Options :

- 1. ✗ +0.10

2. ✘ -0.95

3. ✘ +0.90

4. ✔ -1.00

Question Number : 8 Question Id : 50939821030 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Cronbach alpha is a measure of :

क्रोनबैच अल्फा किसका माप है :

Options :

Validity
1. ✘ वैधता

Reliability
2. ✔ विश्वसनीयता

Sensitivity
3. ✘ संवेदनशीलता

Normality
4. ✘ सामान्यता

Question Number : 9 Question Id : 50939821031 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements is *true* about qualitative research ?

गुणात्मक अनुसंधान के बारे में कौन-सा कथन *सत्य* है ?

Options :

- It's purpose is generalization
- 1. ✘ इसका उद्देश्य सामान्यीकरण करना है
- Very big sample size
- 2. ✘ प्रतिदर्श बहुत बड़ा आकार
- In-depth study of a phenomenon
- 3. ✔ किसी घटना का बहुत गहराई से अध्ययन
- Use of standardized scales
- 4. ✘ मानकीकृत मापनियों का प्रयोग

Question Number : 10 Question Id : 50939821032 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Standard error of Mean is :

मध्यमान की मानक त्रुटि है :

Options :

- Mean of standard deviation of sampling distribution
- 1. ✘ प्रतिचयन वितरण के मानक विचलन का मध्यमान

Standard deviation of sampling distribution of mean
2. ✓ मध्यमान के प्रतिचयन वितरण का मानक विचलन

Mean of all standard deviations from population
3. ✘ जनसंख्या से सभी मानक विचलनों का मध्यमान

Error in standard deviation of the sample
4. ✘ प्रतिदर्श के मानक विचलन में त्रुटि

Question Number : 11 Question Id : 50939821033 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Variables which influence the experiment but are uncontrollable, are examples of :

चर जो प्रयोग को प्रभावित करते हैं, लेकिन अनियंत्रित होते हैं, इसका एक उदाहरण है :

Options :

Dependent variables
1. ✘ आश्रित चर

Independent variables
2. ✘ स्वतंत्र चर

Intervening variables
3. ✓ हस्तक्षेपी चर

Extraneous variables

4. ✖ बाह्य चर

Question Number : 12 Question Id : 50939821034 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Internal validity refers to :

‘आंतरिक वैधता’ इंगित करता है :

Options :

Result can be verified in control conditions.

1. ✔ परिणाम नियंत्रित स्थितियों में सत्यापित किया जा सकता है।

Whether the findings are relevant to the participants' everyday lives ?

2. ✖ क्या निष्कर्ष प्रतिभागियों के दैनिक जीवन के लिए प्रासंगिक हैं ?

The degree to which the researcher feels that this was a worthwhile project.

3. ✖ जिस हद तक शोधकर्ता को लगता है कि यह एक सार्थक परियोजना थी।

How accurately the measurements represent underlying concepts ?

4. ✖ माप कितना सटीक रूप से अंतर्निहित अवधारणाओं का प्रतिनिधित्व करते हैं ?

Question Number : 13 Question Id : 50939821035 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of these is *not* normally associated with quantitative data ?

इनमें से कौन-सा सामान्य रूप से मात्रात्मक आँकड़ों से सम्बन्धित *नहीं* है ?

Options :

- Analysis begins as data are collected
1. ✖ आँकड़ों के संकलन के साथ ही विश्लेषण प्रारम्भ होता है
- Numbers
2. ✖ संख्यायें
- Researcher's views are of high importance
3. ✔ शोधकर्ताओं का दृष्टिकोण का अधिक महत्त्व होता है
- Analysis guided by standardized rules
4. ✖ मानकीकृत नियमों द्वारा निर्देशित विश्लेषण

Question Number : 14 Question Id : 50939821036 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of these should be most valuable to show a gradual change in behaviour over time ?

समय के साथ व्यवहार में क्रमिक परिवर्तन दिखाने के लिए इनमें से कौन-सा सबसे अधिक महत्त्वपूर्ण होना चाहिए ?

Options :

- Extrapolations
1. ✖ बहिर्वेशन

2. ✓ Longitudinal studies
दीर्घकालिक अध्ययन

3. ✘ Snapshot surveys
आशुचित्र सर्वेक्षण

4. ✘ Experimental studies
प्रायोगिक अध्ययन

Question Number : 15 Question Id : 50939821037 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An advantage of open-ended questions is that :
मुक्त प्रश्नों (ओपन एंडेड) का एक लाभ यह है कि :

Options :

1. ✘ They can also be used in topic guides
इनका उपयोग विषय गाइड में किया जा सकता है

2. ✓ Respondents can express themselves freely
उत्तरदाता स्वयं को स्वतंत्र रूप से व्यक्त कर सकते हैं

3. ✘ Coding is a challenge
कोडिंग एक चुनौती है

4. ✘ Potential is high for interviewer bias
साक्षात्कारकर्ता पूर्वाग्रह के लिए संभावना अधिक है

Question Number : 16 Question Id : 50939821038 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is the purpose of the conclusion in a research report ?

एक शोध प्रतिवेदन में निष्कर्ष का उद्देश्य क्या है ?

Options :

It explains how concepts were operationally defined and measured

यह बताता है कि कैसे अवधारणाओं को परिचालन रूप से परिभाषित और मापा गया था

1. ✘

It contains a useful review of the relevant literature

इसमें प्रासंगिक साहित्य की उपयोगी समीक्षा शामिल है

2. ✘

It outlines the methodological procedure that were employed

यह नियोजित पद्धति प्रक्रियाओं की रूपरेखा तैयार करता है

3. ✘

It summarizes the key findings in relation to the research questions

यह शोध प्रश्नों के संबंध में प्रमुख निष्कर्षों का सार प्रस्तुत करता है

4. ✔

Question Number : 17 Question Id : 50939821039 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statement is *true* for research ?

निम्नलिखित में से कौन-सा कथन अनुसंधान के लिए *सही* है ?

Options :

Pilot study is conducted on a larger segment of the research.

1. ✖ पायलट अध्ययन अनुसंधान के लिए विस्तृत खंड पर आयोजित किया जाता है।

Causal research is not scientific in nature.

2. ✖ कारणीय शोध वैज्ञानिक प्रकृति का नहीं होता है।

Research is often referred to as scientific inquiry.

3. ✔ अनुसंधान को अक्सर वैज्ञानिक अन्वेषण के रूप में संदर्भित किया जाता है।

The sample selected for research need not represent the universe.

4. ✖ अनुसंधान के लिए चयनित निदर्श समष्टि का प्रतिनिधित्व करे यह आवश्यक नहीं होता।

Question Number : 18 Question Id : 50939821040 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A researcher has obtained a set of data in a sample of 14 subjects 4, 13, 5, 7, 22, 16, 8, 10, 12, 16, 15, 14, 9, 8, find out the median :

एक शोधकर्ता ने 14 विषयों में 4, 13, 5, 7, 22, 16, 8, 10, 12, 16, 15, 14, 9, 8, के नमूने में आँकड़े का एक सेट प्राप्त किया है, माध्यिका ज्ञात कीजिए :

Options :

1. ✔ 11

2. ✖ 10

3. ✖ 12

Question Number : 19 Question Id : 50939821041 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A researcher wants to find out that how many persons have used Ayush decoction to enhance the immunity during Covid-19 pandemic in the year 2020-21. Which kind of study design is best for researcher to follow ?

एक शोधकर्ता यह पता लगाना चाहता है कि वर्ष 2020-21 के दौरान किसी दिए गए क्षेत्र में कोविड-19 महामारी के दौरान प्रतिरक्षा बढ़ाने के लिए कितने व्यक्तियों ने आयुष काढ़े का उपयोग किया है। शोधकर्ता के अनुसरण के लिए किस प्रकार का शोध प्रारूप सर्वोत्तम है ?

Options :

1. ✓ Cross-sectional survey
क्रॉस-सेक्शनल सर्वे
2. ✖ Case-control study
केस-कंट्रोल स्टडी
3. ✖ Randomized controlled trial
यादृच्छिक नियंत्रित परीक्षण
4. ✖ Case reports and series
केस रिपोर्ट और सीरीज

Question Number : 20 Question Id : 50939821042 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Cohort Study is a type of :

कोहोर्ट स्टडी निम्नलिखित का एक प्रकार है :

Options :

1. ✘ Case report
केस रिपोर्ट
2. ✘ Cross-sectional study
क्रॉस-अनुभागीय अध्ययन
3. ✔ Longitudinal study
अनुदैर्घ्य अध्ययन
4. ✘ Randomized control trial
यादृच्छिक नियंत्रण परीक्षण

Question Number : 21 Question Id : 50939821043 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Mendeley is a tool for :

मेंडले निम्नलिखित का एक साधन है :

Options :

1. ✓ Reference management
संदर्भ प्रबंधन
2. ✘ Hypothesis evaluation
परिकल्पना मूल्यांकन
3. ✘ Measurement of central tendency
केंद्रीय प्रवृत्ति का मापन
4. ✘ Data analysis
आँकड़ा विश्लेषण

Question Number : 22 Question Id : 50939821044 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is a relative measure of dispersion when comparing variables which are measured in different units ?

विभिन्न इकाइयों में मापे जाने वाले चरों की तुलना करते समय निम्नलिखित में से कौन-सा विषमता का एक सापेक्ष माप है ?

Options :

1. ✓ Coefficient of variation
विचरण गुणांक
2. ✘ Standard error of mean
माध्य की मानक त्रुटि

3. ✖ Interquartile range
अन्तःचतुर्थक विस्तार

4. ✖ Standard deviation
मानक विचलन

Question Number : 23 Question Id : 50939821045 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Impact factor of a journal means :

एक जर्नल के प्रभाव कारक का अर्थ है :

Options :

1. ✖ The number of publications of a journal in the past three years
पिछले तीन वर्षों में एक पत्रिका के प्रकाशनों की संख्या

2. ✔ Measure of the frequency with which the average article in a journal has been cited in a particular time period
आवृत्ति की माप जिसके साथ किसी पत्रिका में औसत लेख को एक विशेष समय अवधि में उद्धृत किया गया है

3. ✖ Indexing code of the journal
जर्नल का अनुक्रमण कोड

4. ✖ Publication fees of the journal
पत्रिका का प्रकाशन शुल्क

Question Number : 24 Question Id : 50939821046 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a study to assess dental pain, patients were asked to rate pain experience as no pain, mild pain, moderate pain and severe pain. What type of variable is it ?

दांतों के दर्द का आकलन करने के लिए एक अध्ययन में, रोगियों को दर्द के अनुभव को बिना दर्द, हल्का दर्द, मध्यम दर्द और गंभीर दर्द के रूप में रेट करने के लिए कहा गया था। यह किस प्रकार का चर है ?

Options :

- 1. ✘ Nominal
नामित
- 2. ✔ Ordinal
क्रमिक
- 3. ✘ Ratio
अनुपातिक
- 4. ✘ Interval
अंतराल

Question Number : 25 Question Id : 50939821047 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is the best method of ensuring that the experimental and control arms in an experimental study are similar with regard to known and unknown confounders at the planning stage ?

निम्नलिखित में से कौन-सा यह सुनिश्चित करने का सबसे अच्छा तरीका है कि प्रायोगिक अध्ययन में प्रायोगिक और नियंत्रण समूह नियोजन स्तर पर ज्ञात और अज्ञात संकरण के संबंध में समान है :

Options :

- 1. ✘ Blinding
अंधा करना
- 2. ✘ Allocation concealment
आवंटन छिपाना
- 3. ✔ Randomization
यादृच्छिककरण
- 4. ✘ Matching
सुमेलन

Question Number : 26 Question Id : 50939821048 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Any process that tends to produce results that depart systematically from true values in a research study is called –

कोई भी प्रक्रिया जो ऐसे परिणाम उत्पन्न करती है जो एक शोध अध्ययन में सही मूल्यों से व्यवस्थित रूप से प्रस्थान करते हैं, कहलाती है –

Options :

- Chance
1. ✖ मौका
- Bias
2. ✔ पूर्वाग्रह
- Random error
3. ✖ यादृच्छिक त्रुटि
- Effect modification
4. ✖ प्रभाव संशोधन

Question Number : 27 Question Id : 50939821049 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

When the study finding is generalizable to the target population, then it is :

जब अध्ययन का निष्कर्ष लक्षित जनसंख्या के लिए सामान्यीकृत होता है, तो यह है :

Options :

- Internal validity
1. ✖ आंतरिक वैधता
- Reliability
2. ✖ विश्वसनीयता
- Accuracy
3. ✖ सटीकता

External validity

4. ✓ बाहरी वैधता

Question Number : 28 Question Id : 50939821050 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If the shape of a frequency distribution is lopsided, with a long tail projecting longer to the left than to the right, how would the distribution be skewed ?

यदि एक बारंबारता वंटन का आकार एकतरफा है, जिसमें एक लंबी पूंछ जो बाईं ओर की तुलना में बाईं ओर लंबी होती है, तो वितरण कैसे विषम होगा ?

Options :

normally

1. ✘ सामान्य

negatively

2. ✓ नकारात्मक

positively

3. ✘ सकारात्मक

nominally

4. ✘ नाममात्र

Question Number : 29 Question Id : 50939821051 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The problem of 'research ethics' is concerned with which aspect of research activities ?
शोध नैतिकता की समस्या का संबंध अनुसंधान गतिविधियों के किस पहलू से है ?

Options :

1. ✘ Following the prescribed format of a thesis
थीसिस के निर्धारित प्रारूप का पालन करना
2. ✘ Data analysis through qualitative or quantitative technique
गुणात्मक या मात्रात्मक तकनीकों के माध्यम से आँकड़ा विश्लेषण
3. ✘ Defining the population of research
अनुसंधान की जनसंख्या को परिभाषित करना
4. ✔ Evidence based research reporting
साक्ष्य आधारित शोध रिपोर्टिंग

Question Number : 30 Question Id : 50939821052 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following variables is *not* categorical ?
निम्नलिखित में से कौन-सा चर श्रेणीबद्ध **नहीं** है ?

Options :

1. ✔ Age of a person
व्यक्ति की आयु

Gender of a person : male or female

2. ✘ किसी व्यक्ति का लिंग : पुरुष या महिला

Choice on a test item : true or false

3. ✘ परीक्षण आइटम का चुनाव : सही या गलत

Marital status of a person (single, married, divorced, other)

4. ✘ एक व्यक्ति की वैवाहिक स्थिति (एकल, विवाहित, तलाकशुद्धा, अन्य)

Question Number : 31 Question Id : 50939821053 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Plagiarism refers to :

साहित्यिक चोरी से तात्पर्य है :

Options :

Illegal duplication of print and electronic work

1. ✘ प्रिंट और इलेक्ट्रॉनिक कार्य का अवैध दोहराव

Converting data in survey and research reports

2. ✘ सर्वेक्षण और शोध रिपोर्ट में आँकड़ा परिवर्तित करना

Presenting ideas and expressions of others as your

3. ✔ दूसरों के विचारों और अभिव्यक्ति को अपने विचार और अभिव्यक्ति के रूप में प्रस्तुत करना

Making errors in paraphrasing or citations

4. ✖ व्याख्या या उद्धरणों में त्रुटियाँ करना

Question Number : 32 Question Id : 50939821054 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is an example of a secondary source of information ?

निम्न में से कौन सूचना के द्वितीयक स्रोत का उदाहरण है ?

Options :

1. ✖ Experiment
प्रयोग

2. ✖ Survey
सर्वेक्षण

3. ✔ Journal
जर्नल

4. ✖ Questionnaire
प्रश्नावली

Question Number : 33 Question Id : 50939821055 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which level of measurement scale is always having absolute zero ?

किस स्तर के मापन पैमान में हमेशा निरपेक्ष शून्य होता है ?

Options :

- 1. ✘ Nominal
नाममात्र
- 2. ✘ Ordinal
क्रमसूचक
- 3. ✔ Ratio
अनुपात
- 4. ✘ Interval
अंतराल

Question Number : 34 Question Id : 50939821056 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

As per UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations (2017), the maximum allowable limit of similarity index of a PhD thesis with that of already available literature in that field is :

यूजीसी (उच्च शिक्षण संस्थानों में अकादमिक अखंडता को बढ़ावा देना और साहित्यिक चोरी की रोकथाम) विनियम, (2017) के अनुसार, पीएचडी की समानता सूचकांक की अधिकतम स्वीकार्य सीमा। उस क्षेत्र में पहले से उपलब्ध साहित्य के साथ थीसिस है :

Options :

20%
1. ✘ 20 प्रतिशत

15%
2. ✘ 15 प्रतिशत

10%
3. ✔ 10 प्रतिशत

25%
4. ✘ 25 प्रतिशत

Question Number : 35 Question Id : 50939821057 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A formal document that presents the research objectives, design of achieving these objectives and the expected outcomes of the study is called :

औपचारिक दस्तावेज जो शोध के उद्देश्य, उन उद्देश्यों को प्राप्त करने की रूपरेखा एवं अध्ययन के अपेक्षित परिणामों को प्रस्तुत करता है, कहलाता है :

Options :

Research design
1. ✘ शोध रूपरेखा

Research proposal
2. ✔ शोध प्रस्ताव

3. ✖ Research hypothesis
शोध परिकल्पना

4. ✖ Research report
शोध प्रतिवेदन

Question Number : 36 Question Id : 50939821058 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Through which of the following methods of research 'cause and effect' relationship is focused ?

निम्नलिखित में से शोध की किस पद्धति द्वारा 'कारण और प्रभाव' सम्बन्ध को केन्द्रित किया जाता है ?

Options :

1. ✖ Ex post facto method
एक्स पोस्ट (पूर्व व्यापी) फैक्टो पद्धति

2. ✖ Case study method
वैयक्तिक अध्ययन पद्धति

3. ✔ Experimental method
प्रायोगिक पद्धति

4. ✖ Historical method
ऐतिहासिक पद्धति

Question Number : 37 Question Id : 50939821059 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The degree of freedom for paired t -test based on n pairs of observation is :

n युग्मों के अवलोकन पर आधारित युग्मित t -टेस्ट के लिए स्वतंत्रता की कोटि है :

Options :

1. ✘ $2n - 1$

2. ✘ $n - 2$

3. ✘ $2(n - 1)$

4. ✔ $n - 1$

Question Number : 38 Question Id : 50939821060 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following search engine is exclusively meant for scientific information ?

निम्नलिखित में से कौन-सा सर्च इंजन विशिष्टतया वैज्ञानिक सूचनाओं से सम्बन्धित है ?

Note: For this question, discrepancy is found in question/answer. Full Marks is being awarded to all candidates.

Options :

1. Google
गूगल
2. Scirus
साइरस
3. Yahoo
याहू
4. Altavista
एल्टाविस्टा

Question Number : 39 Question Id : 50939821061 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

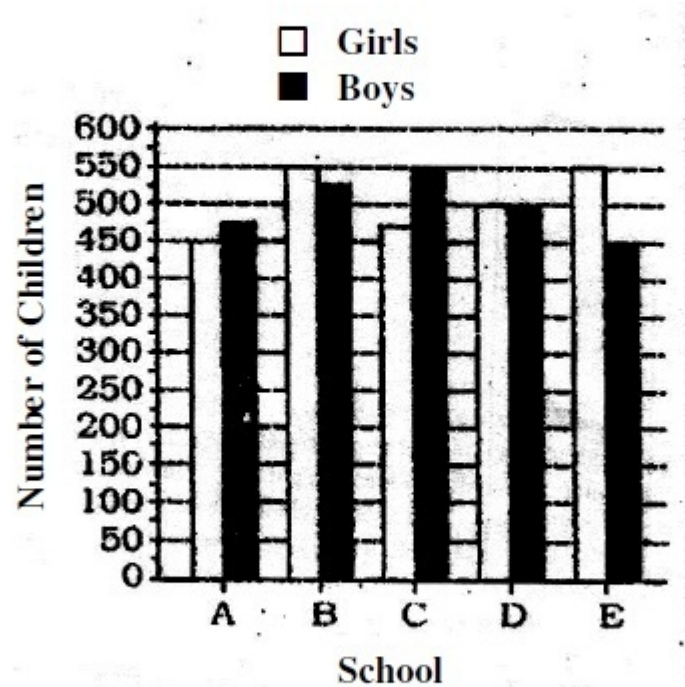
Question Label : Multiple Choice Question

Study the following graph and answer the question.

रेखाचित्र का अध्ययन करें और प्रश्न का उत्तर दीजिये।

Number of Girls and Boys participating in a Rally from Five Different Schools :

पाँच अलग-अलग स्कूलों से रैली में भाग लेने वाली लड़कियाँ और लड़कों की संख्या है :



What is the total number of boys participating in the rally from schools A and C together ?

स्कूल A और C से मिलाकर रैली में भाग लेने वाले लड़कों की कुल संख्या कितनी है ?

Options :

1. ✖ 975

2. ✖ 925

3. ✓ 1025

4. ✘ 1000

Question Number : 40 Question Id : 50939821062 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

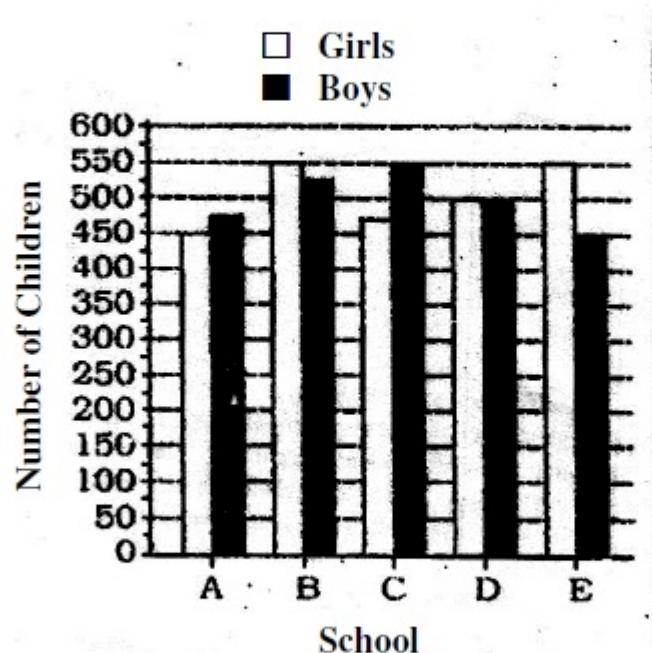
Question Label : Multiple Choice Question

Study the following graph and answer the question.

रेखाचित्र का अध्ययन करें और प्रश्न का उत्तर दीजिये।

Number of Girls and Boys participating in a Rally from Five Different Schools :

पाँच अलग-अलग स्कूलों से रैली में भाग लेने वाली लड़कियाँ और लड़कों की संख्या है :



What is the average number of girls participating in the rally from all the schools together ?

सभी स्कूलों से मिलाकर रैली में भाग लेने वाली लड़कियों की औसत संख्या कितनी है ?

Options :

1. ✖ 500

2. ✖ 480

3. ✓ 505

4. ✘ 520

Subject_&_Area Concerned

Section Id :	509398315
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	60
Number of Questions to be attempted :	60
Section Marks :	180
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	509398342
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 50939821063 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Identify the material which has highest hydraulic conductivity ?

Options :

1. ✘ Clay

2. ✘ Quartzite

3. ✔ Sandstone

4. ✘ Limestone

Question Number : 42 Question Id : 50939821064 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Dry adiabatic lapse rate of atmosphere is :

Options :

1. ✘ 6.5°C/km

2. ✔ 9.8°C/km

3. ✘ 7.8°C/km

4. ✘ 10.8°C/km

Question Number : 43 Question Id : 50939821065 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

..... causes cooling in earth surface but warming in atmosphere.

Options :

1. ✓ Black carbon aerosols
2. ✘ Sulphates and nitrates
3. ✘ Greenhouse gases
4. ✘ Ozone

Question Number : 44 Question Id : 50939821066 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Identify the correct arrangement of steps of a typical sewage treatment plant :

Options :

1. ✘ Sedimentation → Flocculation → Aeration → Filtration → Recarbonation → Disinfection
2. ✘ Aeration → Sedimentation → Flocculation → Filtration → Recarbonation → Disinfection
3. ✘ Flocculation → Aeration → Recarbonation → Sedimentation → Filtration → Disinfection

Aeration → Flocculation → Sedimentation → Recarbonation → Filtration →

4. ✓ Disinfection

Question Number : 45 Question Id : 50939821067 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following oxides causes acid rain ?

Options :

1. ✓ Sulphur and Nitrogen
2. ✗ Sulphur and Phosphorous
3. ✗ Nitrogen and Carbon
4. ✗ Methane and Carbon-dioxide

Question Number : 46 Question Id : 50939821068 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In Nalgonda technique is used for the removal of

Options :

1. ✗ Sodium and Potassium salts, fluoride

2. ✘ Aluminium salts, Arsenic (III)

3. ✔ Aluminium salts, fluoride

4. ✘ Sodium and Potassium salts, Arsenic (III)

Question Number : 47 Question Id : 50939821069 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Match correctly toxic metal with associated diseases :

Options :

1. ✘ Ni- itai- itai disease

2. ✘ Cd- Pulmonary damage

3. ✘ As- Ouch-ouch disease

4. ✔ Zinc- brain tissue damage

Question Number : 48 Question Id : 50939821070 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The blue color of the sky is due to :

Options :

1. ✘ Adsorption
2. ✘ Reflection
3. ✔ Dispersion
4. ✘ Absorption

Question Number : 49 Question Id : 50939821071 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Hardness of diamonds is due to :

Options :

1. ✘ Coordinate bonding
2. ✔ Covalent bonding
3. ✘ Electrovalent bonding
4. ✘ Van der Waals forces

Question Number : 50 Question Id : 50939821072 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ringelmann chart is used for the evaluation of

Options :

1. ✘ Density of water
2. ✘ Turbidity of water
3. ✔ Opacity of smoke
4. ✘ Plume behavior

Question Number : 51 Question Id : 50939821073 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Choose the correct formula for CFC-11 :

Options :

1. ✘ CF_2Cl_2
2. ✔ CFCl_3
3. ✘ CHFCl_2

4. ✖ CHCl₃

Question Number : 52 Question Id : 50939821074 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

When one species gets benefit at the cost of the other species, the relationship is called

Options :

1. ✔ Parasitism

2. ✖ Scavenging

3. ✖ Symbiosis

4. ✖ Commensalism

Question Number : 53 Question Id : 50939821075 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The difference between the energy fixed by autotrophs and their respiration is called as

Options :

1. ✘ Gross primary production
2. ✘ Secondary primary production
3. ✘ Gross + Net primary production
4. ✔ Net primary production

Question Number : 54 Question Id : 50939821076 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"Methemoglobinemia" is caused by excess concentration of in

Options :

1. ✘ Sulphate, water
2. ✔ Nitrate, water
3. ✘ Sulphate, air
4. ✘ Nitrate, soil

Question Number : 55 Question Id : 50939821077 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Paris agreement 2015 is linked with ?

Options :

1. ✓ Global Climate Change
2. ✗ Trade
3. ✗ POPs
4. ✗ Biodiversity

Question Number : 56 Question Id : 50939821078 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The main cause of ozone depletion :

Options :

1. ✗ Nitrogen oxide
2. ✗ Carbon Dioxide
3. ✗ Methane
4. ✓ CFC

Question Number : 57 Question Id : 50939821079 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Intergovernmental Panel on Climate Change (IPCC) was established by UNEP and :

Options :

1. ✘ European Environment Agency (EEA)
2. ✘ US Environmental Protection Agency (USEPA)
3. ✔ World Meteorological Organization (WMO)
4. ✘ Central Pollution Control Board (CPCB)

Question Number : 58 Question Id : 50939821080 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is the most important natural source of global warming ?

Options :

1. ✔ Cloud
2. ✘ Black carbon

3. ✘ Mineral dust

4. ✘ Smoke aerosols

Question Number : 59 Question Id : 50939821081 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

India's National Action Plan on Climate change does not specifically address :

Options :

1. ✘ Solar power

2. ✔ Air pollution mitigation

3. ✘ Green India

4. ✘ Sustainable habitat

Question Number : 60 Question Id : 50939821082 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Phytoplanktons are the members of :

Options :

1. ✘ Grassland ecosystem
2. ✔ Aquatic ecosystem
3. ✘ Forest ecosystem
4. ✘ Desert ecosystem

Question Number : 61 Question Id : 50939821083 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

By which year India proposes to cut its emissions to net zero ?

Options :

1. ✘ 2030
2. ✘ 2045
3. ✘ 2050
4. ✔ 2070

Question Number : 62 Question Id : 50939821084 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Pluto is not considered as a planet because :

Options :

1. ✘ It is made up of gases
2. ✘ It stays beyond solar system
3. ✔ Its orbit crosses other planet
4. ✘ Pluto has very thick atmosphere

Question Number : 63 Question Id : 50939821085 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Poorly nourished lakes are known as :

Options :

1. ✔ Oligotrophic
2. ✘ Eutrophic
3. ✘ Mesotrophic

4. ✖ Xerotrophic

Question Number : 64 Question Id : 50939821086 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The weather satellites are primarily located at which orbit ?

Options :

1. ✖ Over south pole
2. ✖ Low earth orbit
3. ✔ Polar orbit and geostationary
4. ✖ Sun-synchronous

Question Number : 65 Question Id : 50939821087 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which air pollutant typically causes maximum damage to agriculture crops ?

Options :

1. ✖ Tropospheric NO₂

2. ✘ HCHO

3. ✔ Tropospheric Ozone

4. ✘ Tropospheric SO₂

Question Number : 66 Question Id : 50939821088 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The major component of airborne PM 2.5 is typically :

Options :

1. ✘ Sand

2. ✘ Water

3. ✔ Carbon

4. ✘ Fatty acid

Question Number : 67 Question Id : 50939821089 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Among the following which is *not* a greenhouse gas ?

Options :

1. ✓ Oxygen (O₂)
2. ✗ Nitrous oxide (N₂O)
3. ✗ Methane (CH₄)
4. ✗ Ozone (O₃)

Question Number : 68 Question Id : 50939821090 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The major precursor of ground-level ozone is :

Options :

1. ✗ Methane
2. ✓ Volatile organic compounds
3. ✗ SO₂
4. ✗ O₂

Question Number : 69 Question Id : 50939821091 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The asteroid belt in the Solar system is located in between :

Options :

1. ✘ Between Earth and Mars
2. ✘ Before Mercury's orbit
3. ✔ Between Mars and Jupiter
4. ✘ Beyond Neptune's orbit

Question Number : 70 Question Id : 50939821092 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Night-time tropospheric chemistry is dominated by :

Options :

1. ✘ Oxygen atom
2. ✔ Nitrate radical
3. ✘ Lead ion

4. ✘ Methane gas

Question Number : 71 Question Id : 50939821093 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Principal gas emitted during a volcanic eruption is :

Options :

1. ✘ Hydrogen sulfide (H₂S)

2. ✔ Water vapor (H₂O)

3. ✘ Carbon monoxide (CO)

4. ✘ Helium

Question Number : 72 Question Id : 50939821094 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Fast flowing, narrow, meandering air currents in the atmosphere are known as :

Options :

1. ✔ Jet streams

2. ✘ Gyres

3. ✘ Whirlpools

4. ✘ Tornado

Question Number : 73 Question Id : 50939821095 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The mineral which is most resistant to chemical weathering is :

Options :

1. ✘ Olivine

2. ✔ Quartz

3. ✘ k-feldspar

4. ✘ Biotite

Question Number : 74 Question Id : 50939821096 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A thermodynamic diagram designed to aid in the interpretation of the temperature and humidity structure of the atmosphere is :

Options :

1. ✘ Beaufort scale
2. ✔ Tephigram
3. ✘ Radar plot
4. ✘ Taylor diagram

Question Number : 75 Question Id : 50939821097 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Refractive index of air is :

Options :

1. ✘ 0
2. ✘ < 1
3. ✘ 1
4. ✔ > 1

Question Number : 76 Question Id : 50939821098 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Choose the correct sequence of radiation from shortest wavelength to the longest.

Options :

1. ✘ gamma rays, ultraviolet, infrared, x-rays, visible, radio.
2. ✘ radio, infrared, visible, ultraviolet, x-rays, gamma rays.
3. ✔ gamma rays, x-ray, ultraviolet, visible, infrared, radio.
4. ✘ radio, gamma rays, ultraviolet, visible, infrared, x-rays.

Question Number : 77 Question Id : 50939821099 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is true ? (here p_a =partial pressure of dry air, p_w =partial pressure of water vapour, p =atmospheric pressure)

Options :

1. ✘ $p=p_w$

2. ✘ $p=p_a$

3. ✔ $p=p_w + p_a$

4. ✘ $p= p_a+p_b$

Question Number : 78 Question Id : 50939821100 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Calculate adiabatic lapse rate if gravitational acceleration, 9.8076 m/s^2 and specific heat of dry air at constant pressure, $1004.64 \text{ J/(kg . K)}$:

Options :

1. ✔ -9.8

2. ✘ 6.5

3. ✘ 9.8

4. ✘ -6.5

Question Number : 79 Question Id : 50939821101 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following will lead to reduction in greenhouse gases in atmosphere ?

Options :

1. ✓ Increased chemical weathering of rocks.
2. ✘ Volcanic eruption
3. ✘ Lowering of mean sea level
4. ✘ An increase in melting of glacial ice

Question Number : 80 Question Id : 50939821102 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The main constituents of photochemical smog are :

Options :

1. ✘ Oxides of Sulphur and CO
2. ✘ Oxides of Sulphur and hydrocarbons
3. ✘ Oxides of nitrogen and CO
4. ✓ Oxides of nitrogen, PAN and ozone

Question Number : 81 Question Id : 50939821103 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The downdraft in a single cell-thunderstorm is created mainly by :

Options :

1. ✘ converging gust fronts
2. ✘ electrical potential between cloud and ground
3. ✘ release of latent heat as cloud water freezes
4. ✔ evaporating raindrops that make the air cold and heavy

Question Number : 82 Question Id : 50939821104 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is the suitable climatic condition for photochemical smog to occur ?

Options :

1. ✘ Cool, humid
2. ✔ Dry, warm

3. ✘ Sunny, humid

4. ✘ Cool, dry

Question Number : 83 Question Id : 50939821105 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which gas can form aerosols that hang in the stratosphere and reflect the sun's rays back into space ?

Options :

1. ✘ Carbon dioxide

2. ✘ Carbon monoxide

3. ✔ Sulphur dioxide

4. ✘ Water vapor

Question Number : 84 Question Id : 50939821106 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is the heat budget of the atmosphere ?

Options :

1. ✘ 51%
2. ✘ 65%
3. ✔ 48%
4. ✘ 15%

Question Number : 85 Question Id : 50939821107 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Nitrification during nitrogen cycle results in the production of :

Options :

1. ✘ Ammonia
2. ✘ Nitrites
3. ✔ Nitrates
4. ✘ Nitrogen

Question Number : 86 Question Id : 50939821108 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following cycles is a sedimentary cycle ?

Options :

1. ✓ Sulphur cycle
2. ✗ Oxygen cycle
3. ✗ Nitrogen cycle
4. ✗ Carbon cycle

Question Number : 87 Question Id : 50939821109 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The largest soil group in India is of :

Options :

1. ✗ Red soil
2. ✗ Black soil
3. ✓ Alluvial soil

4. ✘ Mountain soil

Question Number : 88 Question Id : 50939821110 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Two species cannot remain in same place according to :

Options :

1. ✔ Allen's law
2. ✘ Gause hypothesis
3. ✘ Doll's rule
4. ✘ Weismann's theory

Question Number : 89 Question Id : 50939821111 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

COD is always ?

Options :

1. ✔ Equal to or higher than BOD

2. ✘ Equal to BOD
3. ✘ 1.8 times of BOD
4. ✘ Lower than BOD

Question Number : 90 Question Id : 50939821112 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The Central Nervous System poisoning by methyl mercury is known as :

Options :

1. ✘ Methaemoglobinemia
2. ✔ Minamata Disease
3. ✘ Anemic disease
4. ✘ Itai-itai disease

Question Number : 91 Question Id : 50939821113 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

PAN is also known as :

Options :

1. ✘ Peroxyacetyl nitrous
2. ✘ Peroxyacetyl nitrites
3. ✔ Peroxyacetyl nitrates
4. ✘ Peroxyacetyl nitrogen

Question Number : 92 Question Id : 50939821114 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Hardness of water is due to :

Options :

1. ✘ Na and K
2. ✔ Ca, Mg, CO_3 and HCO_3
3. ✘ Na, K, Mn and Mg
4. ✘ Ca, Mg, CO_3 , SO_4

Question Number : 93 Question Id : 50939821115 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A sudden fall in barometric reading indicates :

Options :

1. ✘ Rain
2. ✘ Wind
3. ✘ Flooding
4. ✔ Stormy weather

Question Number : 94 Question Id : 50939821116 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

DDT accumulates in which tissue of the body :

Options :

1. ✘ Blood
2. ✘ Bones

3. ✓ Fat

4. ✘ Muscles

Question Number : 95 Question Id : 50939821117 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

How many Ramsar sites are there in India ?

Options :

1. ✘ 52

2. ✘ 50

3. ✓ 49

4. ✘ 57

Question Number : 96 Question Id : 50939821118 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

World Wetland Day is celebrated on ?

Options :

1. ✘ 2nd January
2. ✘ 3rd February
3. ✔ 2nd February
4. ✘ 3rd January

Question Number : 97 Question Id : 50939821119 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Keeping us our food and vaccine cool

Options :

1. ✔ Montreal Protocol- 'Keeping us our food and vaccine cool'
2. ✘ Keeping us our food and vaccine hot
3. ✘ Reimagine and restoration
4. ✘ Recreate and Restore Earth

Question Number : 98 Question Id : 50939821120 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Species with high rate of population growth are categorized as :

Options :

1. ✘ K selected
2. ✔ r- selected
3. ✘ C- selected
4. ✘ s- selected

Question Number : 99 Question Id : 50939821121 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following statistical test is used to ascertain whether there is significant difference between the variance of two sets of observations :

Options :

1. ✘ t -test
2. ✔ F- test
3. ✘ Chi square test

4. ✖ Regression

Question Number : 100 Question Id : 50939821122 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The third moment about the mean of a distribution of a set of observations is a measure of :

Options :

1. ✖ Mode

2. ✔ Skewness

3. ✖ Kurtosis

4. ✖ Variance