

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 :	933 16th Mar 2022 Shift 2
Subject Name :	933
Creation Date :	2022-03-16 15:51:32
Duration :	120
Total Marks :	300
Display Marks:	Yes
Share Answer Key With Delivery Engine :	Yes
Actual Answer Key :	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
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

RET_Agricultural Engineering (Soil and Water Conservation Engineering)

Group Number :	1
Group Id :	509398180
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	300
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Research_Methodology

Section Id :	509398298
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
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	509398325
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 50939820223 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 : 50939820224 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 : 50939820225 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 : 50939820226 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 : 50939820227 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 : 50939820228 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 : 50939820229 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 : 50939820230 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 :

1. ✘ Validity
वैधता

2. ✔ Reliability
विश्वसनीयता

3. ✘ Sensitivity
संवेदनशीलता

4. ✘ Normality
सामान्यता

Question Number : 9 Question Id : 50939820231 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 : 50939820232 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 : 50939820233 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 : 50939820234 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 : 50939820235 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 : 50939820236 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 : 50939820237 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 : 50939820238 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 : 50939820239 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 : 50939820240 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 : 50939820241 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 : 50939820242 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 : 50939820243 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 : 50939820244 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 : 50939820245 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 : 50939820246 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 : 50939820247 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 : 50939820248 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 : 50939820249 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 : 50939820250 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 : 50939820251 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 : 50939820252 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 : 50939820253 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 : 50939820254 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 : 50939820255 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 : 50939820256 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 : 50939820257 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 : 50939820258 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 : 50939820259 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 : 50939820260 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 : 50939820261 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

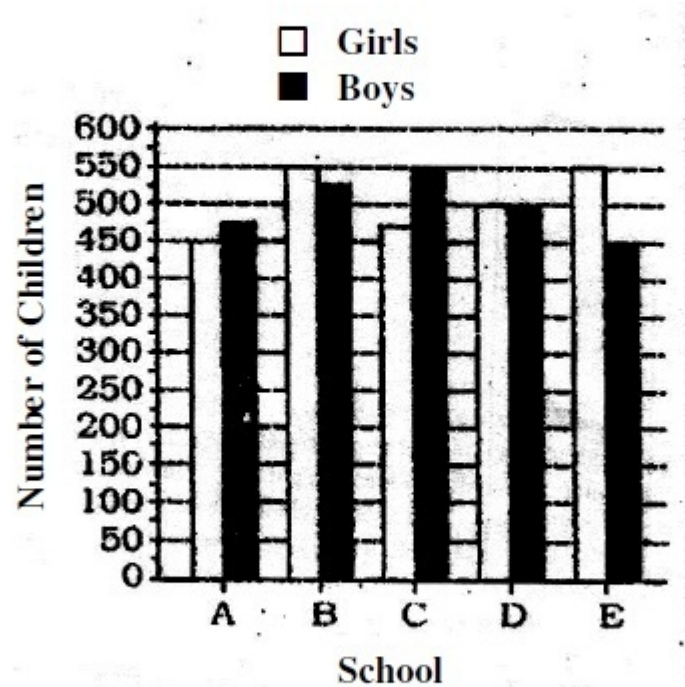
Question Label : Multiple Choice Question

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 : 50939820262 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

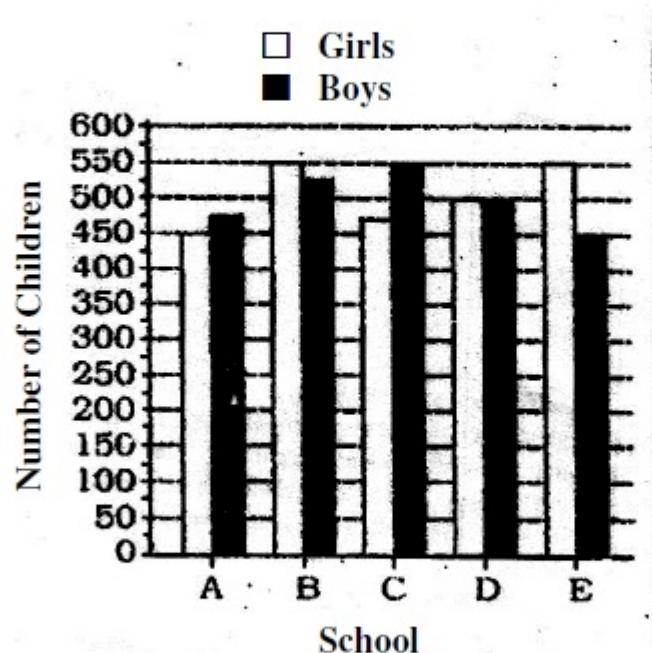
Question Label : Multiple Choice Question

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 :	509398299
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 :	509398326
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 50939820263 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 specific - energy curve is the plot of :

Options :

1. ✘ flow depth and discharge

2. ✓ flow depth and specific energy

3. ✘ specific energy and discharge

4. ✘ Stage and discharge

Question Number : 42 Question Id : 50939820264 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 an uniform flow condition, the :

Options :

1. ✘ Velocity does not change with time

2. ✘ Velocity change from instant to instant

3. ✔ Velocity is same at all points along channel

4. ✘ Depth of flow is not same

Question Number : 43 Question Id : 50939820265 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 phenomenon of rise or fall of liquid surface relative to adjacent general level of liquid is known as :

Options :

1. ✘ Surface tension
2. ✘ Viscosity
3. ✘ Compressibility
4. ✔ Capillarity

Question Number : 44 Question Id : 50939820266 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

Statement "The intensity of pressure at any point in a liquid at rest is same in all directions" related to the"

Options :

1. ✘ Darcy's law
2. ✔ Pascal's law
3. ✘ Newton's first law
4. ✘ Stroke's law

Question Number : 45 Question Id : 50939820267 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 percentage of soil particles transported by saltation process in case of wind erosion varies from :

Options :

1. ✘ 3 to 40%
2. ✔ 50 to 75 %
3. ✘ 80 to 90%
4. ✘ 5 to 25%

Question Number : 46 Question Id : 50939820268 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

At field capacity soil moisture tension of sandy soil is approximately equal to :

Options :

1. ✔ 0.1 bar
2. ✘ 1.0 bar
3. ✘ 10 bar

4. ✘ 15 bar

Question Number : 47 Question Id : 50939820269 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 a measure of *in-situ* water conservation ?

Options :

1. ✔ Contour cultivation
2. ✘ Percolation tank
3. ✘ Straw and soil mulching
4. ✘ Spur

Question Number : 48 Question Id : 50939820270 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 shape of concentration curve of a hydrograph depends upon :

Options :

1. ✘ Basin characteristics only
2. ✘ Storm characteristics only

3. ✓ Both Basin characteristics and Storm characteristics

4. ✘ None of the three

Question Number : 49 Question Id : 50939820271 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 unit hydrograph is the runoff hydrograph of unit :

Options :

1. ✘ Rainfall duration

2. ✓ Rainfall excess

3. ✘ Rainfall intensity

4. ✘ Watershed area

Question Number : 50 Question Id : 50939820272 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

Sudden fall of pressure at a place indicates :

Options :

1. ✘ Hot wave

2. ✘ Cold wave

3. ✔ Storm

4. ✘ Rain

Question Number : 51 Question Id : 50939820273 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 lithological section, the hydraulic resistance of which is nearly equal to zero, is considered to be :

Options :

1. ✘ Aquitard

2. ✔ Aquifer

3. ✘ Impervious layer

4. ✘ Aquiclude

Question Number : 52 Question Id : 50939820274 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 semi pervious formation having high value of leakage factor indicates :

Options :

1. ✓ High resistance to conduct flow
2. ✗ High conductance of water
3. ✗ Lesser resistance to conduct flow
4. ✗ None of the three

Question Number : 53 Question Id : 50939820275 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 aquifer has a porosity of 18% . A 1 cu. m. volume of aquifer yields 0.10 cu. m. of water. The specific retention of the aquifer will be :

Options :

1. ✗ 10 percent
2. ✗ 8 percent
3. ✓ 17 percent
4. ✗ 1 percent

Question Number : 54 Question Id : 50939820276 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 reservoir if the water surface area at the elevations of 50 m and 60 m are 10000 sq.m and 20000 sq.m respectively, the volume of water between two contours will be :

Options :

1. ✘ 50000 cu.m
2. ✘ 75000 cu.m
3. ✘ 100000 cu.m
4. ✔ 150000 cu.m

Question Number : 55 Question Id : 50939820277 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 quantity of earth fill in a trapezoidal bund 40 m long with a bottom width of 4 m, top width of 2 m at both its end and height of 1 m at both its end will be :

Options :

1. ✔ 120 cu.m
2. ✘ 110 cu.m

3. ✘ 100 cu.m

4. ✘ 30 cu.m

Question Number : 56 Question Id : 50939820278 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 pump which develops high head but its capacity is small as compared to other pumps is :

Options :

1. ✘ Rotary pump

2. ✔ Reciprocating pump

3. ✘ Propeller pump

4. ✘ Centrifugal pump

Question Number : 57 Question Id : 50939820279 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 closed impellers used in irrigation pump are :

Options :

1. ✘ Most efficient axial flow impellers
2. ✔ Most efficient radial flow impellers
3. ✘ Least efficient axial flow impellers
4. ✘ Least efficient radial flow impellers

Question Number : 58 Question Id : 50939820280 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 power of electric motor required for pumping 1.6 liters of water per sec against a head of 40 m assuming a pump efficiency of 60 percent and motor efficiency of 100 percent will be :

Options :

1. ✘ 4 BHP
2. ✔ 6.66 BHP
3. ✘ 4.5 BHP
4. ✘ 5.66 BHP

Question Number : 59 Question Id : 50939820281 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 types of gullies are formed on flat lands ?

Options :

1. ✘ V-Shaped
2. ✘ S-Shaped
3. ✘ L-Shaped
4. ✔ U-Shaped

Question Number : 60 Question Id : 50939820282 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

Froude number is a ratio of :

Options :

1. ✘ Inertia force to shear force
2. ✔ Inertia force to gravitational force
3. ✘ Inertia force to viscous force
4. ✘ Viscous force to gravitational force

Question Number : 61 Question Id : 50939820283 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

Bernoulli' s theorem is applicable for :

Options :

1. ✘ Viscous fluid
2. ✘ Compressible fluid
3. ✘ Rotational fluid
4. ✔ Non-compressible fluid

Question Number : 62 Question Id : 50939820284 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

Rectangular weir is used to measure comparatively :

Options :

1. ✔ Large discharge
2. ✘ Medium discharge
3. ✘ Small and Medium discharge
4. ✘ Medium and Large discharge

Question Number : 63 Question Id : 50939820285 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 drainage water intercepting the canal can be disposed of by passing the canal below the drainage in :

Options :

1. ✘ Aqueduct and siphon aqueduct
2. ✘ Aqueduct and super passage
3. ✔ Super passage and canal siphon
4. ✘ Level crossing

Question Number : 64 Question Id : 50939820286 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 land is known as waterlogged :

Options :

1. ✔ Capillary fringe reaches the root zone of plants
2. ✘ When the permanent wilting point is reached
3. ✘ When gravity drainage has ceased

4. ✖ None of the three

Question Number : 65 Question Id : 50939820287 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 method used to solve linear Programming Problem without artificial variables is called as :

Options :

1. ✖ Simplex method
2. ✔ Dual Simplex method
3. ✖ Normal variable method
4. ✖ None of the three

Question Number : 66 Question Id : 50939820288 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

Consider $f(x)$, if x is a decision variable and f is the function to be minimized then the type of optimization problem is :

Options :

1. ✖ Discrete optimization

2. ✘ Constrained Optimization
3. ✔ Unconstrained optimization
4. ✘ None of the three

Question Number : 67 Question Id : 50939820289 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 $f(X) = 3X^3 + 2X^2 + 4$, then the necessary condition for $f(x)$ to have minima or maxima is

Options :

1. ✘ $3X^2 + 4$
2. ✔ $9X^2 + 4X$
3. ✘ $9X + 4$
4. ✘ $3X^2 + 2$

Question Number : 68 Question Id : 50939820290 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 regarding simulation are not true ?

Options :

1. ✘ Simulation model cannot prescribe what should be done about a problem
2. ✔ Simulation models can be used to study alternative solutions to a problem
3. ✘ Simulation models the behavior of a system
4. ✘ The equation describing operating characteristics of a system are known

Question Number : 69 Question Id : 50939820291 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

Contour lines which are close to each other on a view represent ?

Options :

1. ✘ Uniform slope
2. ✔ Steep ground slope
3. ✘ Depression
4. ✘ Low slope

Question Number : 70 Question Id : 50939820292 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 watershed of 100 ha comprising of pasture land on 6% slope, if the weighted value of runoff coefficient is 0.45, mean intensity of rainfall for the duration equal to time of concentration is 120 mm/hr then the peak runoff rate in cu.m/sec will be :

Options :

1. ✘ 150
2. ✔ 15
3. ✘ 75
4. ✘ 7.5

Question Number : 71 Question Id : 50939820293 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

Application of irrigation depth depends on :

Options :

1. ✘ Root zone depth
2. ✘ Soil moisture content

3. ✘ Apparent specific gravity of soil

4. ✔ All of the three

Question Number : 72 Question Id : 50939820294 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

TDR is used for measuring :

Options :

1. ✘ SAR

2. ✘ EC

3. ✘ pH

4. ✔ soil moisture content

Question Number : 73 Question Id : 50939820295 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 cavity well has got :

Options :

1. ✓ no strainer
2. ✘ brass strainer
3. ✘ bamboo strainer
4. ✘ iron strainer

Question Number : 74 Question Id : 50939820296 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 bio-drainage the commonly used vegetation is :

Options :

1. ✘ mango
2. ✘ guava
3. ✘ citrus
4. ✓ eucalyptus

Question Number : 75 Question Id : 50939820297 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 water front advance is the function of :

Options :

1. ✘ Stream size
2. ✘ Average flow depth
3. ✘ Infiltration characteristics
4. ✔ All of the three

Question Number : 76 Question Id : 50939820298 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 sprinkler irrigation can be used for almost all crops except :

Options :

1. ✘ Wheat and gram crops
2. ✘ Oil seed crops
3. ✔ Rice and jute crops
4. ✘ None of the three

Question Number : 77 Question Id : 50939820299 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

8 g of Sodium Chloride is dissolved in 2 litres of water, the salt concentration in ppm is :

Options :

1. ✓ 4000
2. ✘ 8000
3. ✘ 2000
4. ✘ 16000

Question Number : 78 Question Id : 50939820300 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

Maximum rate of water application to be applied by a sprinkler system should be based on :

Options :

1. ✓ infiltration rate of soil
2. ✘ hydraulic conductivity of soil
3. ✘ soil texture

4. ✘ soil structure

Question Number : 79 Question Id : 50939820301 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

Mole drainage is the most suitable in soils with :

Options :

1. ✔ very low permeability
2. ✘ very high permeability
3. ✘ coarse texture
4. ✘ high permeability

Question Number : 80 Question Id : 50939820302 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 net amount of irrigation is 12 cm and the field efficiency is 80%, the gross amount to be applied to the field will be :

Options :

1. ✘ 10 cm
2. ✘ 12 cm

3. ✓ 15 cm

4. ✘ 18 cm

Question Number : 81 Question Id : 50939820303 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 two centrifugal pumps are operated in series the discharge of pump will be :

Options :

1. ✘ increased

2. ✘ decreased

3. ✓ remain constant

4. ✘ none of the three

Question Number : 82 Question Id : 50939820304 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

Hooghoudt's equation for tile drainage is based on :

Options :

1. ✘ Manning's equation
2. ✔ Darcy's equation
3. ✘ Chezy's equation
4. ✘ Glower's equation

Question Number : 83 Question Id : 50939820305 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

Furrow irrigation method is suitable for :

Options :

1. ✔ Almost all row crops
2. ✘ Horticultural crops
3. ✘ Close growing crops
4. ✘ None of the three

Question Number : 84 Question Id : 50939820306 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

Borders constructed along the general slope of field are called as :

Options :

1. ✓ Straight borders
2. ✗ Contour borders
3. ✗ Cross borders
4. ✗ None of the three

Question Number : 85 Question Id : 50939820307 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

Subsurface pipe drains remove :

Options :

1. ✗ excess surface water
2. ✗ capillary subsurface water
3. ✓ subsurface gravitational water
4. ✗ excess surface runoff water

Question Number : 86 Question Id : 50939820308 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

Practically the suction lift of a centrifugal pump is :

Options :

1. ✓ < 10 m

2. ✘ 15 m

3. ✘ 20 m

4. ✘ 25 m

Question Number : 87 Question Id : 50939820309 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 overland flow in an irrigation border strip is a case of :

Options :

1. ✘ steady flow

2. ✘ steady flow with decreasing discharge

3. ✘ unsteady flow

4. ✓ unsteady flow with decreasing discharge

Question Number : 88 Question Id : 50939820310 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 saline soil refers to have :

Options :

1. ✓ EC > 4 mmhos/cm at 25°C

2. ✗ EC < 4 mmhos/cm at 25°C

3. ✗ EC < 2 mmhos/cm at 25°C

4. ✗ EC < 1 mmhos/cm at 25°C

Question Number : 89 Question Id : 50939820311 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 dimension of manning's roughness coefficient is :

Options :

1. ✓ $L^{-1/3} T$

2. ✘ $L^{-1/6}$

3. ✘ $L^{-1/6} T$

4. ✘ T

Question Number : 90 Question Id : 50939820312 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

Spacing of mole drains varies from :

Options :

1. ✔ 2 to 5 m

2. ✘ 5 to 10 m

3. ✘ 10 to 15 m

4. ✘ 15 to 20 m

Question Number : 91 Question Id : 50939820313 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

Characteristics of the spatial data is called :

Options :

1. ✘ Information
2. ✘ Data model
3. ✘ Structure
4. ✔ Attribute data

Question Number : 92 Question Id : 50939820314 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 is the file format of vector data model ?

Options :

1. ✘ jpeg
2. ✘ tiff
3. ✔ shp (shape)
4. ✘ img

Question Number : 93 Question Id : 50939820315 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

RADAR is a system.

Options :

1. ✘ Artificial data
2. ✘ Passive remote sensing
3. ✔ Active remote sensing
4. ✘ Active recharge

Question Number : 94 Question Id : 50939820316 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

Ordinates of probability paper usually represents :

Options :

1. ✘ A variate
2. ✘ Probability of exceednce
3. ✘ Return period

4. ✓ None of the three

Question Number : 95 Question Id : 50939820317 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 time of concentration is less than the rainfall duration the runoff calculated by the rational method will be :

Options :

1. ✗ Less than the peak runoff rate
2. ✓ Constant at peak runoff rate
3. ✗ Equal to stream discharge
4. ✗ Intangible

Question Number : 96 Question Id : 50939820318 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 wrong statement about the capabilities of GIS :

Options :

1. ✗ Data management, including storage and maintenance

2. ✘ Data presentation
3. ✔ Data generation
4. ✘ Data capture and preparation

Question Number : 97 Question Id : 50939820319 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 do you mean by Metadata ?

Options :

1. ✘ Its about Metrological data
2. ✘ It's a combination of spatial and non-spatial data
3. ✔ Its data about data
4. ✘ None of the three

Question Number : 98 Question Id : 50939820320 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

Longitudinal sills of drop structure are constructed to :

Options :

1. ✓ Make the apron stable
2. ✘ Spill the water smoothly
3. ✘ Dissipate KE of flow
4. ✘ All of the three

Question Number : 99 Question Id : 50939820321 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

Hydraulic drop takes place when flow enters from :

Options :

1. ✘ Supercritical to critical
2. ✘ Critical to subcritical
3. ✓ Subcritical to supercritical
4. ✘ Supercritical to subcritical

Question Number : 100 Question Id : 50939820322 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 chute spillway, the hydraulic jump is created at its :

Options :

1. ✘ Inlet

2. ✔ Outlet

3. ✘ Middle

4. ✘ Sides