

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 :	742 16th Mar 2022 Shift 1
Subject Name :	742
Creation Date :	2022-03-16 14:21:29
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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_Water Management (Agronomy)

Group Number :	1
Group Id :	87408182
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
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Show Progress Bar? :	No

Research_Methodology

Section Id :	874081172
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 :	874081214
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8740819518 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 data collection methods is not normally used in qualitative research ?

निम्नलिखित में से कौन-सी आंकड़ा संग्रहण विधियों का प्रयोग सामान्यतः गुणात्मक शोध में नहीं किया जाता है ?

Options :

- Participant observation
1. ✘ सहभागी अवलोकन
- Focus groups
2. ✘ केंद्रित समूह
- Questionnaire
3. ✔ प्रश्नावली
- Semi-structured interview
4. ✘ अर्द्ध संरचनात्मक साक्षात्कार

Question Number : 2 Question Id : 8740819519 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 a hypothesis states that there is no difference between two situations, groups, outcomes or the prevalence of a condition, it is called :

एक परिकल्पना जिसमें दो स्थितियों, समूहों, परिणामों या किसी स्थिति की व्यापकता में कोई अंतर नहीं है, तो इसे कहा जाता है :

Options :

1. ✘ Alternative hypothesis
वैकल्पिक परिकल्पना
2. ✔ Null hypothesis
शून्य परिकल्पना
3. ✘ Descriptive hypothesis
वर्णनात्मक परिकल्पना
4. ✘ Numerical hypothesis
संख्यात्मक परिकल्पना

Question Number : 3 Question Id : 8740819520 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 kind of research, analysis of data is an ongoing process during data collection ?

किस प्रकार के शोध में आंकड़ों के संग्रहण के दौरान आंकड़ों का विश्लेषण एक सतत प्रक्रिया होती है ?

Options :

1. ✔ Qualitative
गुणात्मक
2. ✘ Quantitative
मात्रात्मक
3. ✘ Survey
सर्वेक्षण
4. ✘ Experimental
प्रयोगात्मक

Question Number : 4 Question Id : 8740819521 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 main aim of interdisciplinary research ?

अन्तर विषयी शोध का मुख्य उद्देश्य क्या है ?

Options :

1. ✘ To over simplify the problem of research
अनुसंधान समस्या को सरल बनाने के लिए
2. ✔ To bring out the holistic approach to research
अनुसंधान के लिए समग्र दृष्टिकोण लाने के लिए
3. ✘ To create a new trend in research methodology
अनुसंधान पद्धति में नए प्रवृत्ति के निर्माण के लिए
4. ✘ To reduce the emphasis on a single subject in the research domain
अनुसंधान क्षेत्र में किसी एक विषय पर प्रभाव (जोर) को कम करने के लिए

Question Number : 5 Question Id : 8740819522 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 feature is considered as critical in qualitative research ?

गुणात्मक शोध के प्रतिमान में, निम्नलिखित में से कौन-सी योजना को महत्वपूर्ण माना जा सकता है ?

Options :

1. ✘ Collecting data with the help of standardized research tools
मानकीकृत शोध उपकरणों की सहायता से आंकड़ों का संकलन
2. ✘ Design sampling with probability sample techniques
संभाव्यता प्रतिदर्श तकनीक से प्रतिदर्श चयन का अभिकल्प
3. ✔ Collecting data with bottom-up empirical evidence
प्रदत्तों के संकलन में अनुभवजन्य साक्ष्यों का निम्न से उच्च स्तरीयता की ओर उन्मुखता
4. ✘ Gathering data with top-down schematic evidence
उच्च से निम्न व्यवस्थित साक्ष्यों सहित प्रदत्त संग्रहण

Question Number : 6 Question Id : 8740819523 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

'Parameter' indicates the characteristics of which of the following ?

‘प्राचल’ निम्नलिखित में से किसकी विशेषताओं को दर्शाता है ?

Options :

1. ✓ Population
जनसंख्या
2. ✗ Sample
प्रतिदर्श
3. ✗ Statistics
प्रतिदर्शज
4. ✗ Statistical measurements
सांख्यिकीय माप

Question Number : 7 Question Id : 8740819524 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 is an indication of the quality of a research Journal ?

निम्नलिखित में से कौन-सा एक शोध पत्रिका की गुणवत्ता का सूचक है ?

Options :

1. ✗ h-index
एच-सूचकांक
2. ✗ g-index
जी-सूचकांक
3. ✗ i 10-index
आई 10-सूचकांक
4. ✓ Impact factor
प्रभाव कारक

Question Number : 8 Question Id : 8740819525 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 sampling technique based on referral system of respondents is known as :

उत्तरदाताओं के सन्दर्भ प्रणाली पर आधारित प्रतिचयन तकनीक को के रूप में जाना जाता है :

Options :

1. ✘ Convenience Sampling
सुविधा प्रतिचयन
2. ✔ Snowball Sampling
स्नोबॉल प्रतिचयन
3. ✘ Cluster Sampling
गुच्छ प्रतिचयन
4. ✘ Stratified Sampling
स्तरीकृत प्रतिचयन

Question Number : 9 Question Id : 8740819526 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 first stage of a systematic review of literature ?

व्यवस्थित साहित्य समीक्षा का पहला चरण क्या है ?

Options :

1. ✘ Assess the relevance of each study to the research question(s)
अनुसंधान प्रश्न (प्रश्नों) के लिए प्रत्येक अध्ययन की प्रासंगिकता का आँकलन
2. ✔ Define the purpose and scope of the review
समीक्षा के उद्देश्य और दायरे की परिभाषा
3. ✘ Appraise the quality of studies from the previous step
पिछले चरण के लेखों (अध्ययन) से गुणवत्ता का मूल्यांकन

Survey all of the literature contained within a single library

4. ✖ एक ही पुस्तकालय में निहित सभी साहित्य का सर्वेक्षण

Question Number : 10 Question Id : 8740819527 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 does it mean to operationalize a variable for empirical research ?

अनुभवजन्य अनुसंधान के लिए एक चर को परिचालित करने का क्या अर्थ है ?

Options :

Defining variables into measurable factors

1. ✔ चरों को मापने योग्य कारकों में परिभाषित करना

Describing which variable will be operational

2. ✖ वर्णित करना कि कौन-से चर परिचालित होंगे

Describing the tools of research

3. ✖ अनुसंधान के साधनों का वर्णन करना

Describing the criteria of selection of elements in sample

4. ✖ प्रतिदर्श में इकाइयों के चयन के मानदंड का वर्णन करना

Question Number : 11 Question Id : 8740819528 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

ANOVA is used to calculate :

एनोवा (ANOVA) का उपयोग किया जाता है :

Options :

The difference between two treatments effect

1. ✖ दो उपचार प्रभावों के बीच के अंतर के लिए

The difference among more than two treatments effect

2. ✔ दो से अधिक उपचार प्रभावों के बीच के अंतर के लिए

The association between two variables

3. ✖ दो चरों के बीच संबंध के लिए

The correlation between two variables

4. ✖ दो चरों के बीच सहसम्बन्ध के लिए

Question Number : 12 Question Id : 8740819529 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

..... are errors that can be attributed to sources other than sampling, and they can be random or non-random.

..... ऐसी त्रुटियाँ हैं जिन्हें प्रतिचयन के अलावा अन्य स्रोतों के लिए जिम्मेदार ठहराया जा सकता है, और वे यादृच्छिक या गैर-यादृच्छिक हो सकते हैं।

Options :

1. ✖ Random sampling error
यादृच्छिक प्रतिचयन त्रुटि

2. ✖ Non-response error
गैर-प्रतिक्रिया त्रुटि

3. ✔ Non-sampling error
गैर-प्रतिचयन त्रुटि

4. ✖ Response error
प्रतिक्रिया त्रुटि

Question Number : 13 Question Id : 8740819530 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 *not* a type of non-probability sampling ?

निम्न में से कौन-सा गैर-संभाव्यता प्रतिचयन का एक प्रकार *नहीं* है ?

Options :

1. ✖ Quota sampling
कोटा प्रतिचयन

2. ✖ Snowball sampling
स्नो-बॉल प्रतिचयन

Cluster sampling
3. ✓ गुच्छ प्रतिचयन

Convenience sampling
4. ✗ सुविधा प्रतिचयन

Question Number : 14 Question Id : 8740819531 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

Idea generation by two or more people thinking as freely as possible is formally known as :

दो या दो से अधिक लोगों द्वारा यथासंभव स्वतंत्र रूप से विचार की उत्पत्ति औपचारिक रूप से किस प्रकार जाना जाता है ?

Options :

Gap analysis
1. ✗ अंतराल विश्लेषण

Forced relationship
2. ✗ बलकृत संबंध

Brainstorming
3. ✓ विचारावेश (ब्रेन-स्टॉर्मिंग)

The learning curve
4. ✗ सीखने की अवस्था

Question Number : 15 Question Id : 8740819532 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 research terminology the extraneous variable can be described as

शोध शब्दावली में बाहरी चर को इस प्रकार वर्णित किया जा सकता है :

Options :

Linking the independent and dependent variables
1. ✗ स्वतंत्र और आश्रित चरों को जोड़ना

Several factors operating in a real-life situation that is not measured in the study may affect changes in the dependent variable

वास्तविक जीवन की स्थिति में काम करने वाले कई कारक जिन्हें अध्ययन में मापा नहीं जाता है, वे आश्रित चर में परिवर्तन को प्रभावित कर सकते हैं

2. ✓

The outcome or change(s) brought about by the introduction of an independent variable

परिणाम या परिवर्तन (परिवर्तनों) को एक स्वतंत्र चर की शुरुआत के द्वारा लाए जाते हैं

3. ✘

The cause responsible for bringing about change(s) in a situation

4. ✘ किसी स्थिति में परिवर्तन (परिवर्तनों) को लाने के लिए जिम्मेदार कारण

Question Number : 16 Question Id : 8740819533 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 meant by a "spurious" relationship between two variables ?

दो चरों के बीच "मिथ्या संबंध" का क्या तात्पर्य है ?

Options :

One that is so ridiculously illogical it cannot possibly be true

1. ✘ यह इतना हास्यास्पद रूप से अतार्किक है कि यह सच नहीं हो सकता

An apparent relationship that is so curious it demands further attention

2. ✘ एक स्पष्ट संबंध जो इतना निराला है कि वह और ध्यान देने की मांग करता है

A relationship that appears to be true because each variable is related to a third one

3. ✓ एक संबंध जो सत्य प्रतीत होता है क्योंकि प्रत्येक चर एक तीसरे चर से संबंधित है

One that produces a perfect negative correlation on a scatter diagram

4. ✘ एक जो प्रकीर्ण आरेख (विक्षेप चित्र) पर एक पूर्ण ऋणात्मक सहसंबंध उत्पन्न करता है

Question Number : 17 Question Id : 8740819534 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

First step of research is :

शोध का प्रथम चरण है :

Options :

1. ✖ Designing the research
शोध की रूपरेखा तैयार करना
2. ✖ Data Collection
आँकड़ा एकत्रीकरण
3. ✔ Identification of the research problem
शोध समस्या की पहचान
4. ✖ Analysis of data
आँकड़ों का विश्लेषण

Question Number : 18 Question Id : 8740819535 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 is *not correct* about hypothesis ?

परिकल्पना के बारे में निम्नलिखित में से कौन सत्य *नहीं* है ?

Options :

1. ✖ A good hypothesis is generally simple
एक अच्छी परिकल्पना सामान्यतया सरल होती है
2. ✔ It is necessary that a hypothesis must never be capable of 'being proved' or 'disproved'
यह आवश्यक है कि एक परिकल्पना कभी भी 'साबित हो सकने' या 'साबित न हो सकने' योग्य नहीं हो
3. ✖ Hypothesis provides a right direction to a research
परिकल्पना एक शोध को सही दिशा प्रदान करती है
4. ✖ In empirical research, formulation of hypothesis is an essential component of the research design
अनुभवजन्य शोध में, परिकल्पना का निर्माण शोध की रूपरेखा का एक आवश्यक अवयव है

Question Number : 19 Question Id : 8740819536 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 having values 1, 4, 5, 4, 6, 4, 8, 4, 9, 3, 2 find out the mode :

एक शोधकर्ता ने 1, 4, 5, 4, 6, 4, 8, 4, 9, 3, 2 के मान वाले आंकड़ों का एक समुच्चय प्राप्त किया है, बहुलक का पता लगाएँ :

Options :

1. ✖ 6

2. ✖ 5

3. ✔ 4

4. ✖ 3

Question Number : 20 Question Id : 8740819537 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 to judge the depth of any research ?

किसी भी शोध की गहराई को कैसे आंका जाता है ?

Options :

By research title
1. ✖ शोध शीर्षक के अनुसार

By research duration
2. ✖ शोध अवधि के अनुसार

By research objectives
3. ✔ शोध उद्देश्यों के अनुसार

By total expenditure on research
4. ✖ शोध पर कुल व्यय द्वारा

Question Number : 21 Question Id : 8740819538 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 among the following is *not* related to qualitative research ?

निम्नलिखित में से कौन गुणात्मक अनुसंधान से संबंधित नहीं है ?

Options :

1. ✖ Thematic analysis
विषयगत विश्लेषण
2. ✖ Case Study
वृत्त अध्ययन (केस स्टडी)
3. ✖ Discourse analysis
प्रेक्षित विश्लेषण
4. ✔ Survey method
सर्वेक्षण विधि

Question Number : 22 Question Id : 8740819539 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

Willingness of study participants to participate in the study is obtained by :

शोध अध्ययन में भाग लेने के लिए अध्ययन प्रतिभागियों की इच्छा किसके द्वारा प्राप्त की जाती है :

Options :

1. ✖ Willingness is not necessary
इच्छा जरूरी नहीं है
2. ✔ Informed consent
बोधित सहमति (इन्फोर्म्ड कन्सेंट)
3. ✖ Oral commitment is sufficient
मौखिक प्रतिबद्धता पर्याप्त है
4. ✖ Copyright
कॉपीराइट

Question Number : 23 Question Id : 8740819540 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 not a referencing style ?

निम्नलिखित में से कौन एक संदर्भ शैली नहीं है ?

Options :

1. ✘ Vancouver
वैंकूवर
2. ✘ APA
एपीए
3. ✘ Chicago
शिकागो
4. ✔ Index Medicus
इंडेक्स मेडिकस

Question Number : 24 Question Id : 8740819541 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

Sensitivity of a test measures :

परीक्षण उपायों की संवेदनशीलता मापता है :

Options :

1. ✔ True positives
सत्य सकारात्मक
2. ✘ True negatives
सत्य नकारात्मक
3. ✘ False positives
मिथ्या सकारात्मक
4. ✘ False negatives
मिथ्या नकारात्मक

Question Number : 25 Question Id : 8740819542 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

Type-II Error occurs if :

टाइप-II त्रुटि तब होती है यदि :

Options :

1. ✘ The null hypothesis is rejected when it is true
शून्य परिकल्पना सत्य होने पर भी अस्वीकृत की जाती है
2. ✔ The null hypothesis is accepted even though it is false
शून्य परिकल्पना को असत्य होने पर भी स्वीकार किया जाता है
3. ✘ Both the null hypothesis as well as alternate hypothesis are rejected
शून्य परिकल्पना और वैकल्पिक परिकल्पना दोनों अस्वीकृत कर दी जाती हैं
4. ✘ The null hypothesis is not rejected when it is true
शून्य परिकल्पना सत्य होने पर भी अस्वीकृत नहीं होती है

Question Number : 26 Question Id : 8740819543 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 data set contains too many extreme values, the most representative average value is ?

जब आंकड़े के समुच्चय (डेटा सेट) में बहुत अधिक चरम मान होते हैं, तो सबसे अधिक प्रतिनिधि औसत मान होता है :

Options :

1. ✘ Mean
माध्य
2. ✔ Median
माध्यिका
3. ✘ Mode
बहुलक
4. ✘ Variance
विचरण

Question Number : 27 Question Id : 8740819544 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 wishing to draw a sample from sequentially numbered houses uses a random starting point and then selects every 6th houses, she/he has thus drawn a sample.

एक शोधकर्ता जो अनुक्रमिक रूप से गिने घरों से एक नमूना लेना चाहता है, एक यादृच्छिक प्रारंभिक बिंदु का उपयोग करता है और फिर प्रत्येक 6 वें घर का चयन करता है, इस प्रकार उसने एक नमूना लिया।

Options :

1. ✘ Sequential
अनुक्रमिक
2. ✔ Systematic
व्यवस्थित
3. ✘ Simple random
सरल यादृच्छिक
4. ✘ Cluster
समूह (गुच्छ)

Question Number : 28 Question Id : 8740819545 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

Randomized clinical trials can be best described as :

यादृच्छिक नैदानिक परीक्षणों को सर्वोत्तम रूप में वर्णित किया जा सकता है :

Options :

1. ✔ Experimental studies
प्रायोगिक अध्ययन
2. ✘ Analytical studies
विश्लेषणात्मक अध्ययन
3. ✘ Observational studies
अवलोकन संबंधी अध्ययन

Descriptive studies

4. ✖ वर्णनात्मक अध्ययन

Question Number : 29 Question Id : 8740819546 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

Weight is to the scale of measurement as political affiliation is to the scale of measurement.

वजन पैमाने पर है तो राजनीतिक संबद्धता पैमाने पर है।

Options :

1. ✖ ratio; ordinal
अनुपात; क्रमसूचक
2. ✔ ratio; nominal
अनुपात; नामित
3. ✖ interval; nominal
अंतराल; नामित
4. ✖ ordinal; ratio
क्रमसूचक; अनुपात

Question Number : 30 Question Id : 8740819547 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 alpha is 0.05, this means that :

जब अल्फा 0.05 है, तो इसका मतलब है कि :

Options :

1. ✖ the probability of a Type II error is 0.95
टाइप II त्रुटि की संभावना 0.95 है
2. ✖ the probability of a Type II error is 0.05
टाइप II त्रुटि की संभावना 0.05 है

the probability of a Type I error is 0.95

3. ✘ टाइप I त्रुटि की संभावना 0.95 है

the probability of a Type I error is 0.05

4. ✔ टाइप I त्रुटि की संभावना 0.05 है

Question Number : 31 Question Id : 8740819548 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

Reliability of measurement means :

माप की विश्वसनीयता का अर्थ है :

Options :

The method of measurement produce the same results when repeated

1. ✔ माप की विधि दोहराए जाने पर वही परिणाम उत्पन्न करती है

The different methods of measurement on different materials produce the same results

2. ✘ विभिन्न सामग्रियों पर माप के विभिन्न तरीके एक ही परिणाम उत्पन्न करते हैं

The methods of measurement produce different results when repeated

3. ✘ माप की विधि दोहराए जाने पर अलग-अलग परिणाम देती है

The same methods of measurement on different materials produce the same result

4. ✘ विभिन्न सामग्रियों पर माप के समान तरीके समान परिणाम उत्पन्न करते हैं

Question Number : 32 Question Id : 8740819549 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 you had a z-score of 2.33 this would tell you that :

यदि आपके पास 2.33 का z-स्कोर था, तो यह आपके बताएगा कि :

Options :

Your score was 2.33 standard deviations above the mean

1. ✔ आपका स्कोर माध्य से 2.33 मानक विचलन ज्यादा था

Your score was 2.33 standard deviations below the mean

2. ✘ आपका स्कोर माध्य से 2.33 मानक विचलन कम था

3. ✖ There was a probability of 2.33 of obtaining a score greater than your score
आपका स्कोर से अधिक z-स्कोर प्राप्त करने की 2.33 संभावना थी

4. ✖ There was a probability of 2.33 of obtaining a score less than your score
आपका स्कोर से कम z-स्कोर प्राप्त करने की 2.33 संभावना थी

Question Number : 33 Question Id : 8740819550 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

Sample means are :

प्रतिदर्श माध्य हैं :

Options :

1. ✖ Point estimates of sample means
प्रतिदर्श माध्य का बिन्दु आंकलन
2. ✖ Interval estimates of population means
जनसंख्या माध्य का अंतराल आंकलन
3. ✖ Interval estimates of sample means
प्रतिदर्श माध्य का अंतराल आंकलन
4. ✔ Point estimates of population means
जनसंख्या माध्य का बिन्दु आंकलन

Question Number : 34 Question Id : 8740819551 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

Field Study is related to :

क्षेत्र अध्ययन का संबंध किससे है ?

Options :

1. ✔ Real life situation
वास्तविक जीवन की स्थिति

Experimental situation

2. ✖ प्रायोगिक स्थिति

Laboratory situation

3. ✖ प्रयोगशाला की स्थिति

Simulation situation

4. ✖ सिमुलेशन स्थिति

Question Number : 35 Question Id : 8740819552 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 software is a reference manager ?

निम्नलिखित में से कौन-सा सॉफ्टवेयर एक संदर्भ प्रबंधक है ?

Options :

ADMB

1. ✖ एडीएमबी

Chronux

2. ✖ क्रोनक्स

DAP

3. ✖ डीएपी

Endnote

4. ✔ एंडनोट

Question Number : 36 Question Id : 8740819553 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 plagiarism checking tool ?

निम्नलिखित में से कौन-सा साहित्यिक चोरी जाँच उपकरण है ?

Options :

ORCID

1. ✖ ऑर्किड

iThenticate
2. ✓ आईथेंटिकेट

Publon
3. ✘ पब्लोन

Scopus
4. ✘ स्कोपस

Question Number : 37 Question Id : 8740819554 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 most common structure of a research article in scientific journals is :

वैज्ञानिक पत्रिकाओं में एक शोध लेख की सबसे आम संरचना है :

Options :

1. ✘ Introduction, Summary, Results & Discussion, Methodology, Conclusion, References
परिचय; सारांश; परिणाम और चर्चा; शोध प्राविधि; निष्कर्ष; संदर्भ
2. ✘ Summary, Introduction, Results & Discussion, Conclusion, Methodology, References
सारांश; परिचय; परिणाम और चर्चा; निष्कर्ष; शोध प्राविधि; संदर्भ
3. ✓ Introduction, Methodology, Results & Discussion, Conclusion, References
परिचय; शोध प्राविधि; परिणाम और चर्चा; निष्कर्ष; संदर्भ
4. ✘ Introduction, Summary, Methodology, Results & Discussion, Conclusion
परिचय; सारांश; शोध प्राविधि; परिणाम और चर्चा; निष्कर्ष

Question Number : 38 Question Id : 8740819555 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 measure of symmetry or asymmetry of data distribution is called :

आंकड़ा (समंक्र) वितरण की समरूपता या विषमता के माप को कहा जाता है :

Options :

1. ✓ Skewness
तिरछापन (विषमता)

2. ✘ Kurtosis
कुटोसिस (कुक्कुद्रता)

3. ✘ Mean
माध्य

4. ✘ Median
माध्यिका

Question Number : 39 Question Id : 8740819556 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

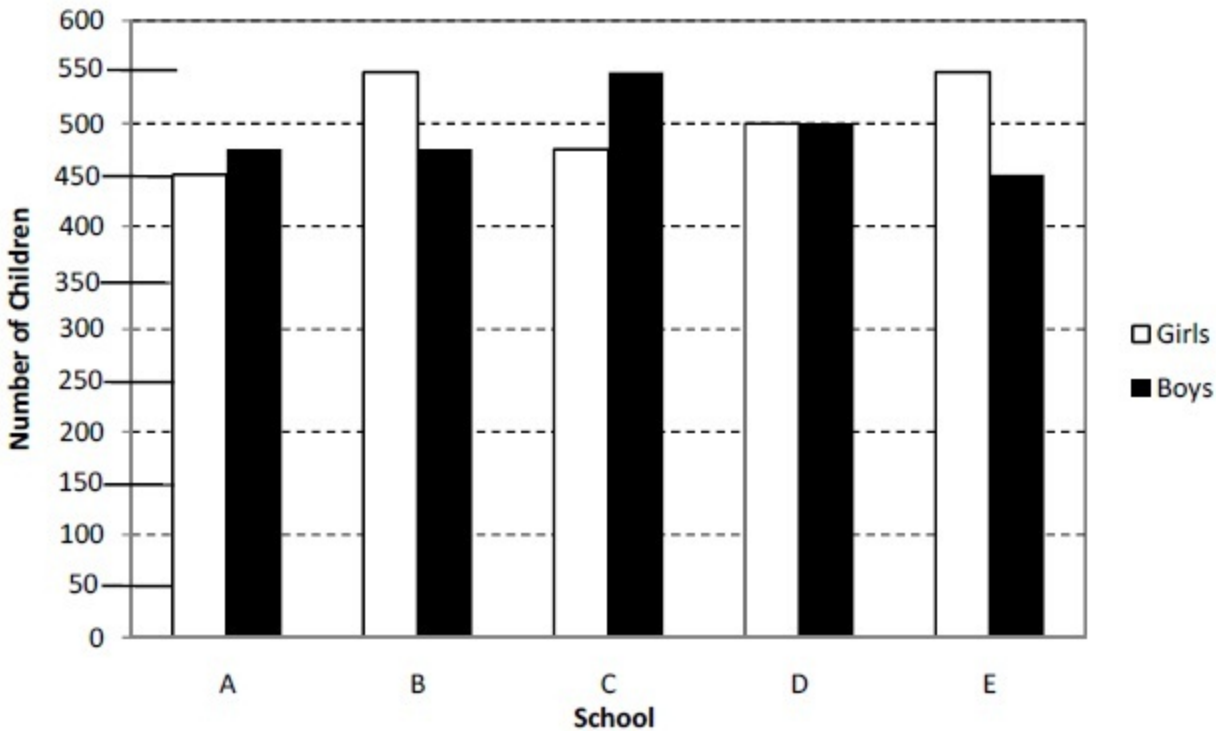
Question Label : Multiple Choice Question

Study the given graph and answer the question.

नीचे दिये गये 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 :



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

स्कूल A और स्कूल C से रैली में भाग लेने वाली लड़कियों की कुल संख्या कितनी है ?

Options :

1. ✘ 825
2. ✘ 875
3. ✘ 950
4. ✔ 925

Question Number : 40 Question Id : 8740819557 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

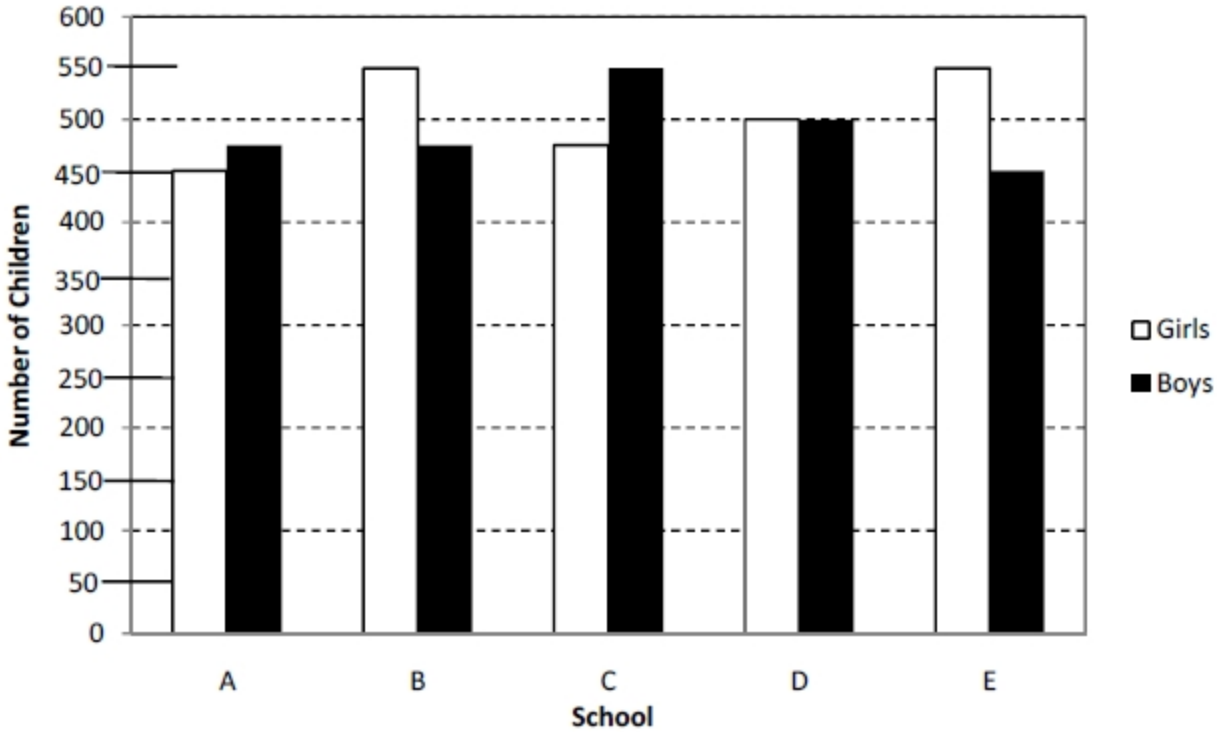
Question Label : Multiple Choice Question

Study the following given graph and answer the question.

नीचे दिये गये 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 :



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

सभी स्कूलों से मिलाकर रैली में भाग लेने वाले लड़कों की औसत संख्या कितनी है ?

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

Options :

1. 500
2. 480
3. 525
4. 520

Subject_&_Area Concerned

Section Id :	874081173
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 :	874081215
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 8740819558 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

Salinity of ground water generally :

Options :

1. ✘ Decrease during summer
2. ✔ Decrease during monsoon
3. ✘ Remain same throughout year
4. ✘ Increases during monsoon

Question Number : 42 Question Id : 8740819559 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

Discharge rate of emitters usually ranges from :

Options :

1. ✘ 2-10 liters/day
2. ✔ 2-10 liters/hr
3. ✘ 2-10 liters/min
4. ✘ 2-10 liters/sec

Question Number : 43 Question Id : 8740819560 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

For the most economical rectangular open channel the depth (d) and breadth (b) are relate as :

Options :

1. ✔ $d = b/2$
2. ✘ $b = d/2$
3. ✘ $b = 2/d \tan \theta/2$
4. ✘ $d = b/4$

Question Number : 44 Question Id : 8740819561 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 : 45 Question Id : 8740819562 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 usual mesh size of the screen hole in a screen filter is :

Options :

1. ✖ 80 mesh

2. ✖ 100 mesh

3. ✔ 120 mesh

4. ✖ 140 mesh

Question Number : 46 Question Id : 8740819563 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

Period for which water is supplied to a crop is called as :

Options :

1. ✖ Delta

2. ✖ Duty

3. ✔ Base

4. ✖ Irrigation intensity

Question Number : 47 Question Id : 8740819564 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 mouldboard plough is used for :

Options :

1. Ploughing the land
2. Harrowing the land
3. Draining the land
4. Ridging the land

Question Number : 48 Question Id : 8740819565 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

Emitters are used in :

Options :

1. Sprinkler irrigation
2. Water pump
3. Surface irrigation
4. Drip irrigation

Question Number : 49 Question Id : 8740819566 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 : 50 Question Id : 8740819567 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 subsoiler is best suited for :

Options :

1. ✘ Shallow ploughing
2. ✘ Inter cultivation
3. ✔ Breaking hard pan
4. ✘ Furrow making

Question Number : 51 Question Id : 8740819568 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

Drainage coefficient is the depth of water to be removed from an area in period of :

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

Options :

1. 1 hour
2. 4 hours
3. 48 hours
4. 36 hours

Question Number : 52 Question Id : 8740819569 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

4 g of Sodium Chloride is dissolved in 2 liters of water, the salt concentration in ppm is :

Options :

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

Question Number : 53 Question Id : 8740819570 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. ✘ Course texture
4. ✘ None of the three

Question Number : 54 Question Id : 8740819571 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 : 55 Question Id : 8740819572 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 : 56 Question Id : 8740819573 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 weight of top 10 cm soil per hectare would be (given that bulk density is 1.2 gm cm^{-3} and particle density is 2.6 gm cm^{-3}).

Options :

1. $1.2 \times 10^6 \text{ kg}$
2. $1.3 \times 10^6 \text{ kg}$
3. $2.4 \times 10^6 \text{ kg}$
4. $2.6 \times 10^6 \text{ kg}$

Question Number : 57 Question Id : 8740819574 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 a 10 kg oven-dry equivalent soil sample contains 10% Gravimetric moisture content how much water in litres is required to raise its moisture content to 25% ?

Options :

1. ✘ 1 L
2. ✘ 1.25 L
3. ✔ 1.5 L
4. ✘ 1.75 L

Question Number : 58 Question Id : 8740819575 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 mass wetness of a soil is 15% and bulk density 1.33 g/cm^3 , its volume wetness would be :

Options :

1. ✘ 18%
2. ✔ 20%
3. ✘ 22%
4. ✘ None of the three

Question Number : 59 Question Id : 8740819576 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 height of capillary rise is nearly equal to (r = radius of capillary) :

Options :

1. ✘ $0.3/r$
2. ✔ $0.6/r$

3. ✘ 0.9/r

4. ✘ 1.2/r

Question Number : 60 Question Id : 8740819577 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

Latent heat of vaporization of at 100°C is :

Options :

1. ✘ 80 Cal/g

2. ✘ 240 Cal/g

3. ✔ 540 Cal/g

4. ✘ None of the three

Question Number : 61 Question Id : 8740819578 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 size of clay particle in ISSS as well as USDA system is :

Options :

1. ✘ < 2 mm

2. ✘ < 0.2 mm

3. ✘ < 0.02 mm

4. ✔ < 0.002mm

Question Number : 62 Question Id : 8740819579 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 permanent negative charge on clay colloids is due to :

Options :

1. ✘ pH dependent change
2. ✔ Isomorphous substitution
3. ✘ Ionization of exposed OH groups on clay
4. ✘ Protonation of OH groups on clay

Question Number : 63 Question Id : 8740819580 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 mechanical analysis, organic matter is destroyed/removed by treating the soil sample with :

Options :

1. ✘ Dilute HCl
2. ✔ Dilute H₂O₂
3. ✘ Dilute NaOH
4. ✘ Na-dithionite

Question Number : 64 Question Id : 8740819581 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

Wet sieving apparatus for aggregate analysis was designed by :

Options :

1. ✔ Yoder(1936)
2. ✘ Chepil(1962)
3. ✘ McCalla(1944)

4. ✖ Emerson(1959)

Question Number : 65 Question Id : 8740819582 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

Crust strength is measured with the help of :

Options :

1. ✖ Piezometer
2. ✖ Permeameter
3. ✔ Penetrometer
4. ✖ Psychrometer

Question Number : 66 Question Id : 8740819583 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 suction of capillary water varies between :

Options :

1. ✖ 0.00 and 0.33 bar
2. ✖ 0.33 and 15 bar
3. ✔ 0.33 and 31 bar
4. ✖ 0.33 and 1000 bar

Question Number : 67 Question Id : 8740819584 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 source of fast neutrons in neutrons moisture meter is a mixture of :

Options :

1. ✘ BF_3 - Cesium
2. ✔ Amercium - beryllium
3. ✘ Radium - amercium
4. ✘ Radium - BF_3

Question Number : 68 Question Id : 8740819585 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

Soil moisture characteristics curve shows relationship between :

Options :

1. ✘ Soil water content and total soil water potential
2. ✔ Soil water content and metric potential of soil water
3. ✘ Soil water content and osmotic potential
4. ✘ Soil water potential and soil water capacity

Question Number : 69 Question Id : 8740819586 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

Due to hysteresis phenomenon, soil water content at a given metric potential is :

Options :

1. ✘ Higher during sorption than desorption
2. ✔ Higher during desorption than sorption
3. ✘ Same during sorption and desorption
4. ✘ None of the three

Question Number : 70 Question Id : 8740819587 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 logarithm of the negative pressure head in centimetres of water column is known as :

Options :

1. ✘ P^H

2. ✔ P^F

3. ✘ E^H

4. ✘ P^e

Question Number : 71 Question Id : 8740819588 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

Tillering in rice begins at stage of :

Options :

1. ✘ 1-2 leaf

2. ✘ 2-3 leaf

3. ✘ 3-4 leaf

4. ✔ 4-5 leaf

Question Number : 72 Question Id : 8740819589 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 extent of energy saving by no-tillage crop establishment over traditional method is :

Options :

1. ✘ 5-7%

2. ✖ 7-9%
3. ✖ 9-11%
4. ✔ 15-20%

Question Number : 73 Question Id : 8740819590 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 instrument used to measure humidity is :

Options :

1. ✖ Altimeter
2. ✔ Hygrometer
3. ✖ Hydrometer
4. ✖ Barometer

Question Number : 74 Question Id : 8740819591 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

1 ha cm of irrigation water is equal to :

Options :

1. ✔ 10,0000 Litres
2. ✔ 1,00000 Litres
3. ✖ 1000 Litres
4. ✖ 10,00,0000 Litres

Note: For this question, ambiguity is found in question/answer. Candidate will get full marks for this question if any of the correct options are chosen.

Question Number : 75 Question Id : 8740819592 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

Most commonly used herbicide in maize is :

Options :

1. ✘ Butachlor
2. ✔ Atrazine
3. ✘ Isoproturon
4. ✘ Sulfosulfuron

Question Number : 76 Question Id : 8740819593 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

ICRISAT is located at :

Options :

1. ✘ Bangkok
2. ✘ Pune
3. ✘ Ahmadabad
4. ✔ Hyderabad

Question Number : 77 Question Id : 8740819594 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 among the following is non selective contact herbicide ?

Options :

1. ✘ Bispyribac sodium
2. ✔ Paraquat

3. ✖ Fluchloralin

4. ✖ Glyphosate

Question Number : 78 Question Id : 8740819595 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

Annual average PET of India is :

Options :

1. ✖ 1195 mm

2. ✖ 850 mm

3. ✖ 2530 mm

4. ✔ 1770 mm

Question Number : 79 Question Id : 8740819596 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

Crop water use efficient refers to :

Options :

1. ✔ V/ET

2. ✖ V/WR

3. ✖ DM/E

4. ✖ DM/T

Question Number : 80 Question Id : 8740819597 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

Water requirement of wheat ranges from :

Options :

1. ✘ 100-200 mm
2. ✘ 200-400 mm
3. ✔ 400-600 mm
4. ✘ 800-1000 mm

Question Number : 81 Question Id : 8740819598 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

International Water Management Institute is located at :

Options :

1. ✘ Bangkok
2. ✘ Mexico
3. ✘ Dhaka
4. ✔ Colombo

Question Number : 82 Question Id : 8740819599 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 green water refers to :

Options :

1. ✔ Water in soil moisture and plants
2. ✘ Water in reservoirs
3. ✘ The waste from kitchen and wash room

4. ✖ Sewage and industrial waste water

Question Number : 83 Question Id : 8740819600 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 between sprinklers at high wind velocity in :

Options :

1. ✖ 1/4 of wetting diameter
2. ✔ 1/2 of wetting diameter
3. ✖ 2/3 of wetting diameter
4. ✖ 3/4 of wetting diameter

Question Number : 84 Question Id : 8740819601 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

Sorghum is a :

Options :

1. ✖ C₃ plant
2. ✔ C₄ plant
3. ✖ CAM plant
4. ✖ Desert plant

Question Number : 85 Question Id : 8740819602 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 submergence tolerant rice variety ?

Options :

- ✘ BPT 5204
- ✘ IR64
- ✔ BINA Dhan 11
- ✘ Sarjoo 52

Question Number : 86 Question Id : 8740819603 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 perched water table :

Options :

- ✘ May lie below the ground water table
- ✘ May lie both above and below the ground water table
- ✔ Is deceptive and the yield from it is short lived
- ✘ Gives a fair amount of sustained yield

Question Number : 87 Question Id : 8740819604 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

For Darcy's law to be valid, the Reynolds number should be :

Options :

- ✘ Greater than one
- ✔ Less than one
- ✘ Equal to one
- ✘ Greater than four

Question Number : 88 Question Id : 8740819605 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 law states that the intensity of pressure at any point in an incompressible liquid at rest inside a closed container is same in all direction ?

Options :

1. ✘ Darcy's law
2. ✘ Archimed's law
3. ✔ Pascal's law
4. ✘ None of the three

Question Number : 89 Question Id : 8740819606 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 visible portion of Electron Magnetic Radiation lies between :

Options :

1. ✔ 0.4 -0.7 μm
2. ✘ 0.5 mm to μm
3. ✘ 0.7-1.3 μm
4. ✘ 0.7 to 14 μm

Question Number : 90 Question Id : 8740819607 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 waterway constructed in a dam to dispose of surplus water is called as :

Options :

1. ✘ Drainage way

2. ✖ Channel
3. ✔ Spillway
4. ✖ All of the three

Question Number : 91 Question Id : 8740819608 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

Drainage coefficient is :

Options :

- The depth of water in cm or meter to be drained in 24 hours period from the entire drainage area.
1. ✔
 2. ✖ The drainage capacity of a canal.
 3. ✖ Drainage of water in cm or meter from a water body within 1 hour.
 4. ✖ Drainage of water from a crop field in cm or meter within 1 hour.

Question Number : 92 Question Id : 8740819609 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 altitudinal distance of a geostationary satellite from the earth is about :

Options :

1. ✖ 26,000 km
2. ✖ 30,000 km
3. ✔ 36,000 km
4. ✖ 44,000 km

Question Number : 93 Question Id : 8740819610 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

Soil moisture tension in a salt free soil field capacity ranges from :

Options :

1. ✘ 0.1 to 0.3 bars
2. ✘ 0.3-1.0 bars
3. ✘ 0.6-0.8 bars
4. ✔ 0.4-0.6 bars

Question Number : 94 Question Id : 8740819611 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

Delta represents the :

Options :

1. ✔ Total depth of water in cm required by a crop
2. ✘ Seasonal water requirement by a crop in cm
3. ✘ Daily water requirement of a crop in cm
4. ✘ Monthly water requirement of a crop in cm

Question Number : 95 Question Id : 8740819612 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 total water required to give 6 cm irrigation to border strip 100 m long and 6 m wide, assuming conveyance efficiency of 60 percent, is :

Options :

1. ✘ 50 cu. m
2. ✔ 60 cu. m

3. ✖ 21.60 cu. m

4. ✖ None of three

Question Number : 96 Question Id : 8740819613 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

Field water use efficiency is the ratio of :

Options :

1. ✔ Crop yield to total amount of water used in the field

2. ✖ Crop yield to amount to water used by the crop for its metabolic used and evapotranspiration

3. ✖ Water stored in the root zone during irrigation to water needed in the root zone prior to irrigation

4. ✖ Water delivered to the irrigation plot to water supplied at the source

Question Number : 97 Question Id : 8740819614 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 hectares of land could be irrigation if the total water available is 200000 litres and the water required per acre is 200 cu. m :

Options :

1. ✖ 1 ha

2. ✖ 0.5 ha

3. ✔ 0.4 ha

4. ✖ 1.50 ha

Question Number : 98 Question Id : 8740819615 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 sheet of water flowing over the weir is called as :

Options :

1. ✘ Weir crest
2. ✘ Weir sheet
3. ✔ Nappe
4. ✘ Free flow sheet

Question Number : 99 Question Id : 8740819616 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 comparison to a barrage weir has :

Options :

1. ✘ Low cost and low chance of silting
2. ✘ High cost and high chance of silting
3. ✘ High cost and no chance of silting
4. ✔ Low cost and high chance of silting

Question Number : 100 Question Id : 8740819617 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

Hydrograph is a plot of :

Options :

1. ✔ Discharge and time in chronological order
2. ✘ Rainfall depth and time
3. ✘ Runoff and rainfall depth

4. ✖ Intensity and duration of rainfall