

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 :	749 11th April 2021 Shift 1
Subject Name :	749
Creation Date :	2021-04-11 17:05:45
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_Plant Pathology

Group Number :	1
Group Id :	87408141
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 :	87408190
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 :	874081132
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 8740815418 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

..... refers to inferring about the whole population based on the observations made on a small part.

एक छोटे से हिस्से पर की गई टिप्पणियों के आधार पर पूरी आबादी के बारे में जिक्र है :

Options :

- 1. ✘ Pseudo inference
छद्म निष्कर्ष
- 2. ✘ Objective inference
उद्देश्य निष्कर्ष
- 3. ✔ Inductive inference
आगमनात्मक निष्कर्ष
- 4. ✘ Deductive inference
डिडक्टिव निष्कर्ष

Question Number : 2 Question Id : 8740815419 Question Type : MCQ Option Shuffling : Yes Is Question

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ex-Post Facto research means

घटनोत्तर शोध का तात्पर्य है :

Options :

1. ✓ The research is carried out after the incident
घटना के पश्चात शोध किया गया है
2. ✗ The research is carried out prior to the incident
घटना से पहले शोध किया गया है
3. ✗ The research is carried out along with the happening of an incident
शोध किसी घटना के घटित होने के साथ किया गया है
4. ✗ The research is carried out keeping in mind the possibilities of an incident
शोध किसी घटना की संभावनाओं को ध्यान में रखते हुए किया गया है

Question Number : 3 Question Id : 8740815420 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a survey, the respondents are interested to discuss the recent private cellular schemes, but the surveyor asked them about BSNL landline service. What type of error will it lead to ?

एक सर्वेक्षण में, उत्तरदाताओं को हाल ही में निजी सेलुलर योजनाओं पर चर्चा करने के लिए दिलचस्पी है, लेकिन सर्वेक्षणकर्ता ने उनसे बीएसएनएल लैंडलाइन सेवा के बारे में पूछा। किस प्रकार की त्रुटि होगी ?

Options :

1. ✗ Non-response error
गैर-प्रतिक्रिया त्रुटि
2. ✓ Selection error
चयन त्रुटि

Sample error

3. ✖ नमूना त्रुटि

Panel error

4. ✖ पैनल त्रुटि

Question Number : 4 Question Id : 8740815421 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Total number of digits in 'Tippet' table are :

‘टिप्पेट’ तालिका में कुल अंक होते हैं :

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

Options :

1. 10,400

2. 9,400

3. 10,200

4. 9,600

Question Number : 5 Question Id : 8740815422 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Endogenous variable is also known as :

अंतर्जात चर को इस नाम से भी जाना जाता है :

Options :

- Intervening variable
1. ✘ मध्यवर्ती चर
- Mediating variable
2. ✘ मध्यस्थ चर
- Independent variable
3. ✘ स्वतंत्र चर
- Dependent variable
4. ✔ आश्रित चर

Question Number : 6 Question Id : 8740815423 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Rejection of hypothesis which is true leads to :
परिकल्पना की अस्वीकृति जो सत्य है, कहलाती है :

Options :

- Sampling Error
1. ✘ प्रतिचयन त्रुटि
- Type II Error
2. ✘ टाइप II त्रुटि
- Type I Error
3. ✔ टाइप I त्रुटि
- Estimation Error
4. ✘ आकलन त्रुटि

Question Number : 7 Question Id : 8740815424 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Feature of a hypothesis is :
परिकल्पना का वैशिष्ट्य है :

Options :

1. ✓ Testability
परीक्षण करने की क्षमता
2. ✗ Insufficiency
कमी
3. ✗ Illogical
विसंगत
4. ✗ Complication
जटिलता

Question Number : 8 Question Id : 8740815425 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is the first step of research ?
निम्नलिखित में से कौन-सा शोध का पहला चरण है ?

Options :

1. ✗ Designing the research
अनुसंधान डिजाइन करना
2. ✗ Data Collection
डेटा संग्रहण
3. ✓ Formulation of the research problem
शोध समस्या का सूत्र
4. ✗ Analysis of data
डेटा का विश्लेषण

Question Number : 9 Question Id : 8740815426 Question Type : MCQ Option Shuffling : Yes Is Question

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Sampling error can be reduced by :

न्यादर्श में त्रुटि को कम किया जा सकता है :

Options :

1. ✘ Non-probability sampling
गैर-संभाव्यता न्यादर्श द्वारा
2. ✘ Increasing the population
जनसंख्या में वृद्धि द्वारा
3. ✘ Decreasing the sample size
न्यादर्श आकार में कमी द्वारा
4. ✔ Increasing the sample size
न्यादर्श आकार में वृद्धि द्वारा

Question Number : 10 Question Id : 8740815427 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Empirical research is related to :

अनुभवाश्रित अनुसंधान संबंधित है :

Options :

1. ✘ Pure logic
विशुद्ध तर्क से
2. ✔ Observation
निरीक्षण से
3. ✘ Theory
सिद्धान्त से
4. ✘ Critical Thinking
आलोचनात्मक सोच से

Question Number : 11 Question Id : 8740815428 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following features one considered as critical in qualitative research ?

गुणात्मक अनुसंधान में निम्न में से कौन-सा लक्षण आलोचनात्मक माना जाता है ?

Options :

1. ✘ Collecting data with the help of standardized research tools
माननीकृत अनुसंधान उपकरणों की मदद से आँकड़ों का संग्रहण
2. ✘ Design sampling with probability sample technique.
संभाव्यता सैम्पल तकनीक द्वारा सैम्पलिंग योजना बनाना
3. ✔ Collecting data with bottom of empirical evidence
बॉटम अप प्रयोग सिद्ध प्रमाणों द्वारा आँकड़ों का संग्रहण
4. ✘ Gathering data with top down schematic evidence
टाप डाउन योजनाबद्ध प्रभावों द्वारा आँकड़ों का संग्रहण

Question Number : 12 Question Id : 8740815429 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one among the following statement is true in the context of the testing of hypothesis ?

परिकल्पना के सत्यापन के सन्दर्भ में निम्न में से कौन-सा कथन सत्य है ?

Options :

1. ✘ It is only the alternative hypothesis that can be tested
यह केवल वैकल्पिक परिकल्पना है जिसे जाँचा जा सकता है
2. ✔ It is only the null hypothesis that can be tested
यह केवल नल परिकल्पना है जिसे जाँचा जा सकता है

Both the alternative and null hypothesis can be tested

वैकल्पिक एवं नल दोनों ही परिकल्पनाओं को जाँचा जा सकता है

3. ✖

Both the alternative and null hypothesis can not be tested

वैकल्पिक एवं नल दोनों ही परिकल्पनाओं को नहीं जाँचा जा सकता है

4. ✖

Question Number : 13 Question Id : 8740815430 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If there is a uniform variation in the ratio of the two variable then the regression would be :

यदि दो चरों के अनुपात में समान विभिन्नता पाई जाए, तो रीग्रेसन होगा :

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

Options :

Exponential

1. एक्सपोनेन्सियल

Quadratic

2. क्वाड्रेटिक

Linear

3. रेखिक

Power

4. पावर

Question Number : 14 Question Id : 8740815431 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is one of the types of 'validity' encountered in research design and methodology ?

निम्नलिखित में से कौन अनुसंधान डिजाइन और कार्यप्रणाली में प्रयुक्त 'वैधता' के प्रकारों में से एक है ?

Options :

1. ✓ Statistical validity
सांख्यिकीय वैधता
2. ✗ Integral validity
समाकलित वैधता
3. ✗ Modular validity
माड्यूलर वैधता
4. ✗ Projective validity
प्रक्षेपी वैधता

Question Number : 15 Question Id : 8740815432 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In CARE list of journals the "CARE" stands for :

CARE शोध पत्रिकाओं की सूची में "CARE" का विस्तृत रूप है :

Options :

1. ✗ Consortium of Academicians for Research Ethics
कंसोर्टियम ऑफ एकेडमिशियन्स फॉर रिसर्च एथिक्स
2. ✗ Consortium of Academicians for the Researchers Empowerment
कंसोर्टियम ऑफ एकेडमिशियन्स फॉर द रिसर्चर्स एम्पॉवरमेंट
3. ✓ Consortium of Academic and Research Ethics
कंसोर्टियम ऑफ एकेडमिक एण्ड रिसर्च एथिक्स
4. ✗ Consortium of Academic and Researchers Ethics
कंसोर्टियम ऑफ एकेडमिक एण्ड रिसर्चर्स एथिक्स

Question Number : 16 Question Id : 8740815433 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

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

कथन A और B पढ़ें और सही विकल्प चुनें :

Statement (A) : The structured approach to enquiry is usually classified as qualitative research.

कथन (A) : समीक्षा के लिए संरचित दृष्टिकोण को आमतौर पर गुणात्मक अनुसंधान के रूप में वर्गीकृत किया जाता है।

Statement (B) : In the structured approach, everything that forms the research process – objectives, design, sample, and the questions that a researcher plans to ask of respondents – is not predetermined.

कथन (B) : संरचित दृष्टिकोण में, वह सब कुछ जो अनुसंधान प्रक्रिया का निर्माण करता है – उद्देश्य, डिजाइन, नमूना, और वे प्रश्न जो एक शोधकर्ता ने उत्तरदाताओं में पूछने की योजना बनाई है – पूर्व निर्धारित नहीं होती है।

Options :

1. ✘ Both the statements are true
दोनों कथन सत्य है
2. ✔ Both the statements are false
दोनों कथन असत्य है
3. ✘ Statement A is true but B is false
कथन A सत्य है लेकिन B गलत है
4. ✘ Statement B is true but A is false
कथन B सत्य है लेकिन A गलत है

Question Number : 17 Question Id : 8740815434 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

"Controlled Group" is a term used in

“नियंत्रित समूह” में प्रयुक्त एक शब्द है।

Options :

1. ✘ Survey research
सर्वेक्षण शोध
2. ✘ Historical research
ऐतिहासिक शोध
3. ✔ Experimental research
प्रायोगिक शोध
4. ✘ Descriptive research
वर्णनात्मक शोध

Question Number : 18 Question Id : 8740815435 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Read the statement and choose the correct option given below :

नीचे दिए गए कथनों को पढ़ें और सही विकल्प चुनें :

Statement (A) : A hypothesis must not be falsifiable.

अभिकथन (A) : परिकल्पना मिथ्या साबित नहीं होनी चाहिए।

Reason (R) : If a hypothesis is falsifiable, then science cannot be used to test the hypothesis,

तर्क (R) : यदि परिकल्पना मिथ्या है, तो परिकल्पना का परीक्षण करने के लिए विज्ञान का उपयोग नहीं किया जा सकता है।

Options :

1. ✘ Both the statements are true and (R) is the correct explanation of (A)
दोनों कथन सत्य हैं और (A) की सही व्याख्या (R) है।
2. ✘ Both the statements are true but (R) is not the correct explanation of (A)
दोनों कथन सत्य है लेकिन (A) की सही व्याख्या (R) नहीं है
3. ✘ (A) is false but (R) is true
(A) गलत है लेकिन (R) सत्य है

Both the statements are false

4. ✓ दोनों कथन गलत है

Question Number : 19 Question Id : 8740815436 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

To test which of the following is not used a qualitative hypothesis ?

निम्नलिखित में से किसका परीक्षण करने के लिए गुणात्मक परिकल्पना का उपयोग नहीं किया जाता है ?

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

Options :

1. t-test
टी-टेस्ट
2. ANOVA
एनोवा
3. Chi Square
काई-स्क्वायर
4. F-test
एफ-टेस्ट

Question Number : 20 Question Id : 8740815437 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Fundamental research reflects the ability to :

मौलिक शोध की क्षमता को दर्शाता है :

Options :

1. ✘ Synthesize new ideals
नए आदर्शों का संश्लेषण करना

Expound new principles

2. ✓ नए सिद्धांतों को उजागर करना

Evaluate the existing material concerning research

3. ✘ शोध से संबंधित मौजूदा सामग्री का मूल्यांकन करना

Study the existing literature regarding various topics

4. ✘ विभिन्न विषयों के संबंध में मौजूदा साहित्य का अध्ययन करना

Question Number : 21 Question Id : 8740815438 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In sampling technique which of the following is not a part of sampling frame ?

नमूना तकनीक में निम्नलिखित में से कौन सा नमूना फ्रेम का हिस्सा नहीं है ?

Options :

a list of random numbers

1. ✓ यादृच्छिक संख्याओं की सूची

a list of sampling units of a population

2. ✘ एक जनसंख्या की नमूना इकाइयों की सूची

a list of voters

3. ✘ मतदाताओं की सूची

a list of respondents only

4. ✘ केवल उत्तरदाताओं की सूची

Question Number : 22 Question Id : 8740815439 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a study of two variables, when the variables change their direction in opposite manner, then this phenomenon is called :

दो 'चरों' के अध्ययन में, जब चर अपनी दिशा विपरीत तरीके में बदलते हैं, तो इस घटना को कहा जाता है :

Options :

1. ✘ Positive-Negative Correlation
सकारात्मक-नकारात्मक सहसंबंध
2. ✔ Negative Correlation
नकारात्मक सहसंबंध
3. ✘ Fluctuating Correlation
अस्थिर सहसंबंध
4. ✘ Positive Correlation
सकारात्मक सहसंबंध

Question Number : 23 Question Id : 8740815440 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The stem and leaf display is an effective, quick and simple way of displaying a :
'स्टेम और लीफ डिस्प्ले' निम्नलिखित में से किसे प्रदर्शित करने का एक प्रभावी, त्वरित और सरल तरीका है :

Options :

1. ✘ Hypothesis
परिकल्पना
2. ✔ Frequency Distribution
आवृत्ति वितरण
3. ✘ Research Question
शोध प्रश्न

Research Design

4. ✖ अनुसंधान डिजाइन (अभिकल्प)

Question Number : 24 Question Id : 8740815441 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

..... is useful to study changes of values in the variable over time.

..... समय के साथ चर में मूल्यों के परिवर्तनों का अध्ययन करने के लिए उपयोगी है।

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

Options :

Pie diagram

पाई आरेख

1.

Bar diagram

बार आरेख

2.

Scatter diagram

स्कैटर आरेख

3.

Line diagram

रेखा आरेख

4.

Question Number : 25 Question Id : 8740815442 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The effect of the exposure of interest on the outcome is distorted because of the effect of extraneous factors that are related to both the exposure and outcome. This phenomenon is called :

परिणाम पर ब्याज के जोखिम का प्रभाव विकृत कारकों के प्रभाव के कारण विकृत होता है, जो जोखिम और परिणाम दोनों से संबंधित हैं। इस घटना को कहा जाता है :

Options :

1. ✘ Correlation
सहसंबंध
2. ✔ Confounding
उलझना
3. ✘ Recall bias
रिकाल प्रवृत्ति
4. ✘ Measurement error
मापन त्रुटि

Question Number : 26 Question Id : 8740815443 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If we are doing an analytical study and the study outcome is of acute nature and rare condition what is the appropriate study design ?

यदि हम एक विश्लेषणात्मक अध्ययन कर रहे हैं और अध्ययन का परिणाम तीव्र प्रकृति और दुर्लभ स्थिति का है, तो उपयुक्त अध्ययन डिजाइन क्या है ?

Options :

1. ✘ Cohort study
कोहोर्ट अध्ययन
2. ✔ Case-control study
केस-कंट्रोल अध्ययन
3. ✘ Cross-sectional study
क्रॉस-अनुभागीय अध्ययन

Surveillance

4. ✘ निगरानी

Question Number : 27 Question Id : 8740815444 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The validity that refers to the extent to which the new questionnaire conforms to existing ideas or hypotheses is known as :

वह वैधता जो इसे सूचित करती है कि किस सीमा तक नई प्रश्नावली प्रचलित विचारों एवं परिकल्पनाओं के अनुरूप है, कहलाता है :

Options :

1. ✘ Content validity
अंतर्वस्तु वैधता

2. ✘ Construct validity
निर्मित वैधता

3. ✘ Face validity
आभासी वैधता

4. ✔ Criterion validity
मानदण्डीय वैधता

Question Number : 28 Question Id : 8740815445 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

According to Goode & Hatt, scaling techniques :

गुडे और हॉट के अनुसार, अनुमापन विधियाँ :

Options :

1. ✔ Convert qualitative data into quantitative
गुणात्मक तथ्यों को गणनात्मक तथ्यों में बदलती है

Convert quantitative data into qualitative
गणनात्मक तथ्यों को गुणात्मक में बदलना

2. ✘

Measurement of qualitative facts
गुणात्मक तथ्यों का अनुमापन

3. ✘

Analysis of quantitative facts
गणनात्मक तथ्यों का विश्लेषण

4. ✘

Question Number : 29 Question Id : 8740815446 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A study where the investigators introduce an intervention and observe the events which take place is called :

एक अध्ययन जहाँ जाँचकर्ता हस्तक्षेप करते हैं और उन घटनाओं का निरीक्षण करते हैं, जो घटित होती है :

Options :

Observational Study
पर्यवेक्षणीय अध्ययन

1. ✘

Descriptive Study
वर्णनात्मक अध्ययन

2. ✘

Case-Control Study
नियंत्रित रेगी अध्ययन

3. ✘

Experimental Study
प्रयोगात्मक अध्ययन

4. ✔

Question Number : 30 Question Id : 8740815447 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A research problem is considered to be good, if it meets the following criteria :

एक शोध समस्या को तब अच्छा माना जाता है, जब निम्नलिखित मानदण्डों को वह पूरा करती है :

Options :

1. ✘ Fit, inconvenient, Noble, Ethnic, Revolving (FINER)
फिट, असुविधाजनक, महान, जातीय, परिक्रामी
2. ✔ Feasible, Interesting, Novel, Ethical and Relevant (FINER)
व्यवहार्य, दिलचस्प, नवीन, नैतिक और प्रासंगिक
3. ✘ Fluctuating, Innocuous, Noticeable, Entrepreneur, Residual (FINER)
रूपांतरित, अहानिकर, ध्यान देने योग्य, उद्यमी, अवशिष्ट
4. ✘ Foolish, Imperfect, Natural, Erratic, Revolutionary (FINER)
मूर्खतापूर्ण, अपूर्ण, प्राकृतिक, गलत, क्रांतिकारी

Question Number : 31 Question Id : 8740815448 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

COPE stands for :

COPE का अर्थ है :

Options :

1. ✘ Committee on Publication Errors
प्रकाशन त्रुटियों पर समिति
2. ✔ Committee on Publication Ethics
प्रकाशन नैतिकता पर समिति
3. ✘ Commission of Potential Editors
संभावित संपादकों का आयोग
4. ✘ Community-based Outputs for Public Education
सार्वजनिक शिक्षा के लिए समुदाय आधारित आउटपुट

Question Number : 32 Question Id : 8740815449 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Each of the following is true about cross sectional study, EXCEPT :

निम्नलिखित में से प्रत्येक परा-अनुभागीय अध्ययन के बारे में सच है, सिवाय :

Options :

1. ✘ Unable to measure incidence
व्यापकता (incidence) को मापने में असमर्थ
2. ✔ Data are collected at multiple points in time
समय में कई बिन्दुओं पर डेटा एकत्र किया जाता है
3. ✘ Relatively quick and easy to conduct
अपेक्षाकृत जल्दी और आचरण में आसान
4. ✘ Able to measure the prevalence
प्रचलन (prevalence) को मापने में सक्षम

Question Number : 33 Question Id : 8740815450 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Standard Error is nothing but :

मानक त्रुटि है :

Options :

1. ✘ Standard deviation of population distribution
पॉपुलेशन वितरण का मानक विचलन
2. ✘ Dispersion Error
फैलाव त्रुटि
3. ✔ Standard deviation of sampling distribution
सैम्पल वितरण का मानक विचलन

Conceptual Error

वैचारिक त्रुटि

4. ✘

Question Number : 34 Question Id : 8740815451 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

DOI in a published research paper stands for :

एक प्रकाशित शोध पत्र में डी० ओ० आई० का अर्थ है :

Options :

Directory of Index

सूचकांक की निर्देशिका

1. ✘

Digital Objective Index

डिजिटल उद्देश्य सूचकांक

2. ✘

Direct Object Identifiers

प्रत्यक्ष वस्तु पहचानकर्ता

3. ✘

Digital Object Identifier

डिजिटल ऑब्जेक्ट पहचानकर्ता

4. ✔

Question Number : 35 Question Id : 8740815452 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is a techniques used for controlling experimenter bias ?

प्रयोगकर्ता पूर्वाग्रह को नियंत्रित करने के लिए निम्नलिखित में से कौन-सी तकनीक का उपयोग किया जाता है ?

Options :

Double eyed technique

डबल-आइड तकनीक

1. ✘

Open eyed technique

2. ✘ ओपन-आइड तकनीक

Double blind technique

3. ✔ डबल-ब्लाइंड तकनीक

Open blind technique

4. ✘ ओपन-ब्लाइंड तकनीक

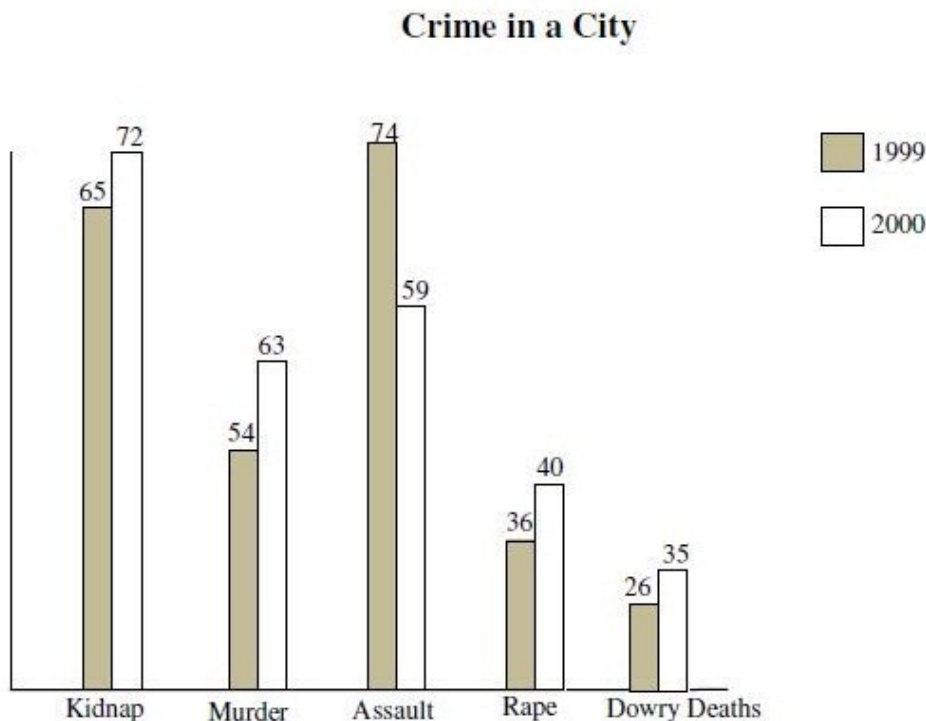
Question Number : 36 Question Id : 8740815453 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Study the following graph and answer the question :

निम्नलिखित ग्राफ का अध्ययन करें और प्रश्न का उत्तर दें :



What was difference in crime between 1999 and 2000 ?

1999 और 2000 के बीच क्राइम में कितना अन्तर था ?

Options :

1. ✔ 14

2. ✘ 16
3. ✘ 18
4. ✘ 20

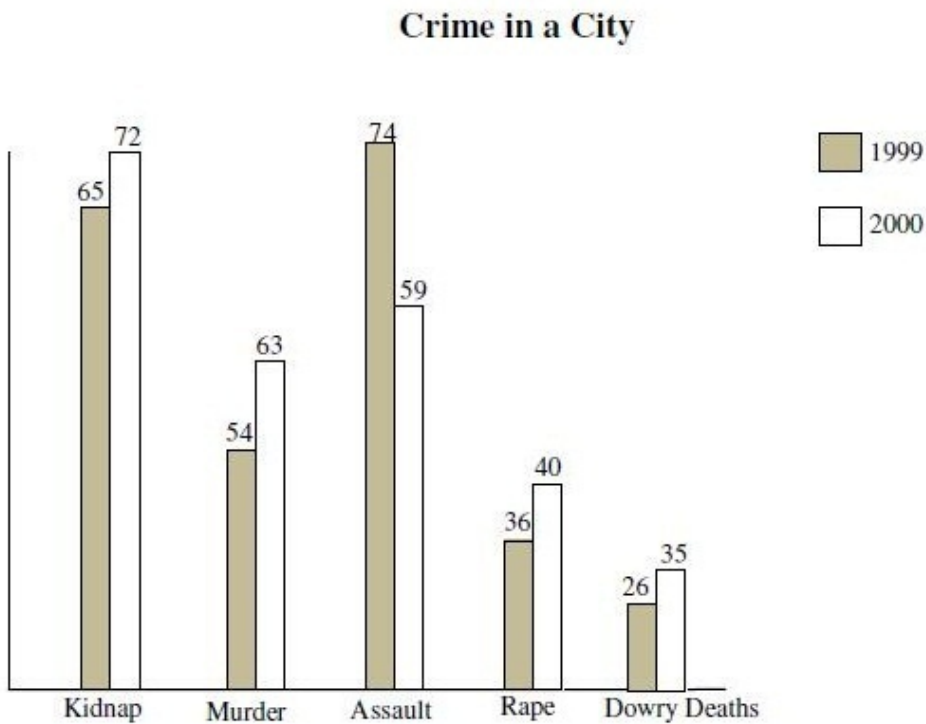
Question Number : 37 Question Id : 8740815454 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Study the following graph and answer the question :

निम्नलिखित ग्राफ का अध्ययन करें और प्रश्न का उत्तर दें :



What was increase percent in rape from 1999 to 2000 ?
वर्ष 1999 से 2000 में रेप में वृद्धि प्रतिशत कितना था ?

Options :

1. ✔ 11%
2. ✘ 40%

3. ✖ 15%

4. ✖ 30%

Question Number : 38 Question Id : 8740815455 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Study the following graph and answer the following question :

निम्नलिखित ग्राफ का अध्ययन करें और दिए गए प्रश्न का उत्तर दें :

Students Going Abroad for Study from Different States/UTs

विभिन्न राज्यों / केंद्र शासित प्रदेशों से अध्ययन के लिए विदेश जाने वाले छात्र

State/U.T.	Year				
	1995	1996	1997	1998	1999
Maharashtra	723	840	900	920	925
Kerala	1035	940	1200	1400	1500
Karnataka	750	600	830	575	900
West Bengal	500	550	450	600	525
Delhi	1500	1625	1700	1475	1800
Andhra Pradesh	800	840	875	925	785
Total	5308	5395	5955	5895	6435

What was the percentage increase in the number of students from West Bengal from 1997 to 1998 ?

1997 से 1998 तक पश्चिम बंगाल के छात्रों की संख्या में कितने प्रतिशत की वृद्धि हुई थी ?

Options :

1. ✖ $66\frac{2}{3}$

2. ✓ $33\frac{1}{3}$

3. ✗ 150

4. ✗ 50

Question Number : 39 Question Id : 8740815456 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Study the following graph and answer the following question :

निम्नलिखित ग्राफ का अध्ययन करें और दिए गए प्रश्न का उत्तर दें :

Students Going Abroad for Study from Different States/UTs

विभिन्न राज्यों / केंद्र शासित प्रदेशों से अध्ययन के लिए विदेश जाने वाले छात्र

State/U.T.	Year				
	1995	1996	1997	1998	1999
Maharashtra	723	840	900	920	925
Kerala	1035	940	1200	1400	1500
Karnataka	750	600	830	575	900
West Bengal	500	550	450	600	525
Delhi	1500	1625	1700	1475	1800
Andhra Pradesh	800	840	875	925	785
Total	5308	5395	5955	5895	6435

In the case of which State/U.T. was there a continuous increase in the number of students over the given years ?

किस राज्य / यू.टी. के मामले में दिए गए वर्षों में छात्रों की संख्या में लगातार वृद्धि हुई है ?

Options :

1. ✘ Kerala
केरल
2. ✘ Delhi
दिल्ली
3. ✘ Andhra Pradesh
आन्ध्र प्रदेश
4. ✔ Maharashtra
महाराष्ट्र

Question Number : 40 Question Id : 8740815457 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Identify the citation style if an article is cited in the following manner Kammer, Minian. "Breaking the bounds of Domesticity : Ecofeminism and nature space in Love's Labour's lost" Shakespeare Bulletin, vol. 36, no. 3, 2018, pp. 467-483 :

यदि कोई लेख निम्नलिखित तरीके से उद्धृत किया गया है, तो उद्धरण शैली को पहचानें-
केमर, मिनियन। ब्रेकिंग द बाउण्ड्स ऑफ डोमेस्टिसिटी : इकोफेमिनिज्म एंड नेचर स्पेस
इन लव लेबर्स लॉस्ट शेक्सपियर बुलेटिन, vol. 36, no. 3, 2018, pp. 467-483 :

Options :

1. ✘ APA
एपीए
2. ✘ Harvard
हार्वर्ड
3. ✔ MLA
एमएलए
4. ✘ Chicago
शिकागो

Subject_&_Area Concerned

Section Id :	87408191
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 :	874081133
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 8740815458 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The chemical reaction involved in Bordeaux mixture is :

Options :

- ✘ $\text{CuSO}_4 + \text{Ca}(\text{OH})_2 = \text{Cu}(\text{OH})_3 + \text{CaSO}_4$
- ✘ $\text{CuSO}_4 + \text{CaO}_2 = \text{CuO}_2 + \text{CaSO}_4$
- ✘ $\text{CuSO}_4 + \text{Ca}(\text{OH})_2 = \text{CuO} + \text{CaSO}_4 + \text{H}_2\text{O}$
- ✔ $\text{CuSO}_4 + \text{Ca}(\text{OH})_2 = \text{Cu}(\text{OH})_2 + \text{CaSO}_4$

Question Number : 42 Question Id : 8740815459 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Two genes on their combination confer higher level of resistance against rust than that of their individual effect is known as :

Options :

- ✔ Additive effect

2. ✘ Ghost effect
3. ✘ Modifying effect
4. ✘ Inhibitory effect

Question Number : 43 Question Id : 8740815460 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Counterstain for gram staining of bacteria is :

Options :

1. ✘ Crystal violet
2. ✘ Iodine
3. ✔ Safranin
4. ✘ Cotton blue

Question Number : 44 Question Id : 8740815461 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What will be the percent infection index/percent disease index (PDI) using a rating scale (0-9), if sum of all the disease rating and total number of ratings are 495 and 200, respectively ?

Options :

1. ✘ 30.8%
2. ✔ 27.5%
3. ✘ 65.5%
4. ✘ 25.5%

Question Number : 45 Question Id : 8740815462 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Bdellovibrio attacks on :

Options :

1. ✘ Gram positive bacteria
2. ✘ Acid fast bacteria
3. ✘ Both gram positive and negative bacteria
4. ✔ Gram negative bacteria

Question Number : 46 Question Id : 8740815463 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following appendages is required for bacterial conjugation ?

Options :

1. ✘ Flagellum
2. ✔ Pilus
3. ✘ Sheath
4. ✘ Cilium

Question Number : 47 Question Id : 8740815464 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Typical stem-pitting symptoms are produced in :

Options :

1. ✘ Citrus tristeza
2. ✘ Citrus greening
3. ✔ Citrus exocortis
4. ✘ Citrus canker

Question Number : 48 Question Id : 8740815465 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Bean common mosaic virus is transmitted through seed via :

Options :

1. ✔ Embryo
2. ✘ Endosperm
3. ✘ Seed coat
4. ✘ Seed surface

Question Number : 49 Question Id : 8740815466 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Rolling circle is a method of replication of :

Options :

1. ✘ Virusoids
2. ✘ Virus
3. ✔ Viroid

4. ✘ Nematode

Question Number : 50 Question Id : 8740815467 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Erwinia amylovora enters through :

Options :

1. ✘ Lenticels

2. ✘ Stomata

3. ✘ Trichomes

4. ✔ Nacteries

Question Number : 51 Question Id : 8740815468 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Leaf epinasty and premature senescence occur due to activity of :

Options :

1. ✘ Gibberellins

2. ✘ Cytokinin

3. ✔ Ethylene

4. ✘ Auxin

Question Number : 52 Question Id : 8740815469 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An infraspecific taxon from physiological standpoint especially host adaptation is known as :

Options :

1. ✘ *Biotype*
2. ✔ *Forma specialis*
3. ✘ *Race or strain*
4. ✘ *Species*

Question Number : 53 Question Id : 8740815470 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

When a disease is more or less constantly present from year to year in moderate to severe form is called as :

Options :

1. ✔ Endemic
2. ✘ Exodemic
3. ✘ Sporadic
4. ✘ Pandemic

Question Number : 54 Question Id : 8740815471 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Active liberation of basidiospores is accomplished by :

Options :

1. ✘ Rounding off mechanism

2. ✘ Puffing action
3. ✘ Rapid twisting action
4. ✔ Formation of hiler appendix (HA) or buller drop

Question Number : 55 Question Id : 8740815472 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which will be the best principle of disease management to adopt if a disease is endemic to a particular area ?

Options :

1. ✘ Eradication
2. ✔ Exclusion
3. ✘ Protection
4. ✘ Therapy

Question Number : 56 Question Id : 8740815473 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Crop rotation is an effective tool against :

Options :

1. ✔ Root inhabitant pathogens
2. ✘ Soil inhabitant pathogens
3. ✘ Seed inhabitant pathogens
4. ✘ Fruit inhabitant pathogens

Question Number : 57 Question Id : 8740815474 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Fused teliospores heads are produced by :

Options :

1. ✘ *Puccinia graminis tritici*
2. ✔ *Ravenelia emblicae*
3. ✘ *Melampsora lini*
4. ✘ *Uromyces viciae-fabae* var. *viciae-fabae*

Question Number : 58 Question Id : 8740815475 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Pahala blight of sugarcane is due to deficiency of :

Options :

1. ✔ Manganese
2. ✘ Magnesium
3. ✘ Molybdenum
4. ✘ Copper

Question Number : 59 Question Id : 8740815476 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following is the heteroecious rust ?

Options :

1. ✘ Flax rust

2. ✓ Black rust of wheat
3. ✗ Coffee rust
4. ✗ Chrysanthemum rust

Question Number : 60 Question Id : 8740815477 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What will be required quantity of Blitox-50WP to prepare 500 liters of 0.2% spray material to combat late blight of potato ?

Options :

1. ✗ 1.0 kg
2. ✗ 1.5 kg
3. ✓ 2.0 kg
4. ✗ 2.5 kg

Question Number : 61 Question Id : 8740815478 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Substance produced in an infected plant by the pathogen and or its host which functions in production of disease but is not itself the initial inciting agent of the disease is called as :

Options :

1. ✗ Phytotoxin
2. ✓ Vivotoxin
3. ✗ Pathotoxin

4. ✘ Mycotoxin

Question Number : 62 Question Id : 8740815479 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Rapid killing of plant part is known as :

Options :

1. ✘ Wilt

2. ✘ Dieback

3. ✔ Blight

4. ✘ Decline

Question Number : 63 Question Id : 8740815480 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Select the disease in which small droplets of pinks or light honey coloured-fluid exudes from spikelets :

Options :

1. ✘ Citrus canker

2. ✘ Green ear diseases of pearl millet

3. ✘ Bacterial blight of rice

4. ✔ Ergot of pearl millet

Question Number : 64 Question Id : 8740815481 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Soybean rust is caused by :

Options :

1. ✓ *Phakopsora pachyrhizi*
2. ✗ *Phakopsora gossypii*
3. ✗ *Puccinia pachyrhizi*
4. ✗ *Phakopsora meibomia*

Question Number : 65 Question Id : 8740815482 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ozone is toxic to expanding leaves of almost all types of plant at the concentration of equal or more than :

Options :

1. ✗ 0.2 ppm
2. ✗ 0.3 ppm
3. ✓ 0.1 ppm
4. ✗ 0.5 ppm

Question Number : 66 Question Id : 8740815483 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Simple interest disease over time produces a :

Options :

1. ✗ Hyperbolic curve

2. ✓ Saturation curve
3. ✗ Sigmoid curve
4. ✗ Straight line

Question Number : 67 Question Id : 8740815484 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Phytoplasmas are minute bacteria without cell wall that inhabit :

Options :

1. ✗ Xylem in infected plants
2. ✗ Epidermal cell in infected plants
3. ✗ Mitochondria in infected plants
4. ✓ Phloem sieve elements in infected plants

Question Number : 68 Question Id : 8740815485 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Cedar-apple rust is caused by :

Options :

1. ✗ *Hemileia vastatrix*
2. ✗ *Uromyces appendiculatus*
3. ✓ *Gymnosporangium juniperi-virginianae*
4. ✗ *Melampsora lini*

Question Number : 69 Question Id : 8740815486 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The cardinal temperature to understand development of a disease should include :

Options :

1. ✘ Minimum temperature only
2. ✘ Optimum temperature only
3. ✘ Optimum and maximum temperature
4. ✔ Minimum, optimum and maximum temperature

Question Number : 70 Question Id : 8740815487 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Hypersensitive reaction occurs due to :

Options :

1. ✘ Action of host specific toxin
2. ✔ Accumulation of phytoalexins
3. ✘ Action of pectolytic enzymes
4. ✘ Accumulation of phytoanticipins

Question Number : 71 Question Id : 8740815488 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following enzymes is inactivated by Tabtoxinine β -lactam ?

Options :

1. ✓ Glutamine synthetase
2. ✗ Ornithine carbamoyl transferase
3. ✗ Glycine decarboxylase
4. ✗ Ceramide synthase

Question Number : 72 Question Id : 8740815489 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Azoxystrobin and other strobilurins inhibit :

Options :

1. ✗ Protein synthesis
2. ✓ Mitochondrial respiration
3. ✗ Cercosporin
4. ✗ Ten toxin

Question Number : 73 Question Id : 8740815490 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Spore balls are formed in :

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

Options :

1. *Tolyposporium*
2. *Sphacelotheca*

3. *Tilletia*

4. *Urocystis*

Question Number : 74 Question Id : 8740815491 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The cryptogram of TMV is :

Options :

1. ✘ D/1 : 3/10 : E/E : I/O, C
2. ✔ R/1 : 2/5 : E/E : S/O, C
3. ✘ R/2 : 2/10 : S/E : F/O
4. ✘ D/1 : 2/5 : X/E : V/C

Question Number : 75 Question Id : 8740815492 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The ratio of copper sulphate and ammonium sulphate in "Chestnut compound" is :

Options :

1. ✔ 2 : 11
2. ✘ 3 : 11
3. ✘ 5 : 11
4. ✘ 10 : 11

Question Number : 76 Question Id : 8740815493 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The total root parasite is :

Options :

1. ✘ *Loranthus*
2. ✘ *Cuscuta*
3. ✘ *Striga*
4. ✔ *Orobanche*

Question Number : 77 Question Id : 8740815494 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If a disease takes more than one year to complete its disease cycle, it is called as :

Options :

1. ✔ Polyetic disease
2. ✘ Monocyclic disease
3. ✘ Polycyclic disease
4. ✘ Demicyclic disease

Question Number : 78 Question Id : 8740815495 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is a host specific toxin ?

Options :

1. ✘ Tentoxin
2. ✔ Victorin

3. ✘ Tabtoxin

4. ✘ Phaseotoxin

Question Number : 79 Question Id : 8740815496 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Viral particles are localized inside the strongly disorganized chloroplasts and mitochondria of infected potato and tobacco leaf tissues with :

Options :

1. ✔ Tobacco Rattle Virus (TRV)

2. ✘ Tobacco Mosaic Virus

3. ✘ Tobacco Leaf Curl Virus

4. ✘ Tobacco Stunt Virus

Question Number : 80 Question Id : 8740815497 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following nematode transmits viruses ?

Options :

1. ✘ *Globodera*

2. ✘ *Meloidogyne*

3. ✘ *Heterodera*

4. ✔ *Xiphinema*

Question Number : 81 Question Id : 8740815498 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Yellow vein mosaic virus of okra (*Abelmoschus esculentus*) is transmitted by *Bemisia tabaci* in :

Options :

1. Persistent Manner
2. Semi-Persistent manner
3. Non-persistent Manner
4. Non-Circulative manner

Question Number : 82 Question Id : 8740815499 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Replacement of floral part by leaf like structure is called :

Options :

1. Phytiatry
2. Phyllody
3. Rosette
4. Broom

Question Number : 83 Question Id : 8740815500 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Lactophenol is used as :

Options :

1. Solidifying agent

2. ✘ Dehydrating agent
3. ✘ Fixative
4. ✔ Mounting medium

Question Number : 84 Question Id : 8740815501 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Effector proteins of pathogens are involved in :

Options :

1. ✘ PAMP triggered immunity
2. ✘ Biodegradation of pesticides
3. ✔ Gene-for-gene interactions
4. ✘ Cell wall degradation

Question Number : 85 Question Id : 8740815502 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is true for satellite viruses ?

Options :

1. ✘ Replicate independently inside host cell
2. ✘ Replicate independently outside host cell
3. ✔ Replication dependent of helper viruses
4. ✘ Replication independent of helper viruses

Question Number : 86 Question Id : 8740815503 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Molecular phylogeny of fungi is confirmed through :

Options :

1. ITS sequencing
2. 16S rRNA sequencing
3. 18S SSU rRNA sequencing
4. COX1 sequencing

Question Number : 87 Question Id : 8740815504 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Site of action of Benzimidazoles is :

Options :

1. Nucleolus
2. Thylakoids
3. Succinate dehydrogenase
4. Tubulin

Question Number : 88 Question Id : 8740815505 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Chromosome of bacterial pathogens is :

Options :

1. Single stranded DNA
2. Single stranded RNA

3. ✓ Double stranded DNA

4. ✗ Double stranded RNA

Question Number : 89 Question Id : 8740815506 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one is true for pathogen races ?

Options :

1. ✗ Indicator hosts

2. ✓ Differential hosts

3. ✗ Alternate hosts

4. ✗ Collateral hosts

Question Number : 90 Question Id : 8740815507 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Pathogen generated Reactive Oxygen Species in plants can be managed by :

Options :

1. ✗ Protease enzymes

2. ✗ Dehydrogenase enzymes

3. ✗ Nuclease enzymes

4. ✓ Antioxidant enzymes

Question Number : 91 Question Id : 8740815508 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following is a virulence mechanism of phytopathogenic bacteria ?

Options :

1. Biofilm formation
2. Endospore formation
3. Binary fission
4. Transduction

Question Number : 92 Question Id : 8740815509 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The order *Agaricales* is commonly called as :

Options :

1. Aquatic fungi
2. Gill fungi
3. Pseudo fungi
4. Coral fungi

Question Number : 93 Question Id : 8740815510 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Infection of ergot disease in pearl millet occurs through :

Options :

1. Root
2. Flower
3. Seed

4. ✘ Leaf

Question Number : 94 Question Id : 8740815511 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The fusion of two nuclei is called :

Options :

1. ✘ Oogamy
2. ✘ Somatogamy
3. ✘ Plasmogamy
4. ✔ Karyogamy

Question Number : 95 Question Id : 8740815512 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Calculate losses due to lose smut of wheat, if disease incidence is 20% :

Options :

1. ✘ 25%
2. ✘ 30%
3. ✔ 20%
4. ✘ 15%

Question Number : 96 Question Id : 8740815513 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Cigar end tip rot of banana is caused by :

Options :

1. ✓ *Verticillium theobromae*
2. ✗ *Ceratocystis paradoxa*
3. ✗ *Macrophomina phaseolina*
4. ✗ *Mycosphaerella musicola*

Question Number : 97 Question Id : 8740815514 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Citrus stubborn is caused by :

Options :

1. ✗ *Capnodium citri*
2. ✓ *Spiroplasma citri*
3. ✗ *Guignardia citricarpa*
4. ✗ *Diaporthe citri*

Question Number : 98 Question Id : 8740815515 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Teleiospores of smut causing genera germinate by putting forth an aseptate promycelium with terminal basidiospores only belong to which of the following families ?

Options :

1. ✓ *Tilletiaceae*
2. ✗ *Ustilaginaceae*
3. ✗ *Pucciniaceae*
4. ✗ *Clavicipitaceae*

Question Number : 99 Question Id : 8740815516 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Puccinia graminis tritici produces the following spore form on *Barbery vulgaris* :

Options :

1. ✘ Only aecia
2. ✘ Only pycnia
3. ✘ Uredial and Telial
4. ✔ Pycnia and Aecia

Question Number : 100 Question Id : 8740815517 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Breakdown of nucleolus is caused by :

Options :

1. ✔ PEMV
2. ✘ BGMV
3. ✘ TMV
4. ✘ BYDV