

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 :	663 16th Mar 2022 Shift 3
Subject Name :	663
Creation Date :	2022-03-16 19:31:13
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

T.B. & Chest Diseases

Group Number :	1
Group Id :	593452111
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 :	593452217
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 :	593452245
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 59345212648 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 a Research Design ?

शोध अभिकल्प क्या है ?

Options :

A way of conducting research that is not grounded in theory.

1. ✘ शोध संचालन का एक तरीका, जो सिद्धांत पर आधारित न हो।

The choice between using qualitative or quantitative methods.

2. ✘ गुणात्मक या परिमाणात्मक पद्धतियों के उपयोग के मध्य चुनाव।

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

3. ✘ वह शैली जिसमें आप अपने शोध खोजों को प्रस्तुत करते हैं; जैसे - ग्राफ।

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

4. ✔ आँकड़ों के संकलन और विश्लेषण के प्रत्येक स्तर के लिए एक ढाँचा।

Question Number : 2 Question Id : 59345212649 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 study design of collecting data at a particular point of time is called :

किसी विशेष समय बिन्दु पर आँकड़े संग्रहण करने वाला अध्ययन अभिकल्प कहलाता है :

Options :

Cohort study

1. ✘ सहगण अध्ययन (कोहार्ट स्टडी)

Trend study

2. ✘ प्रवृत्ति अध्ययन

Cross sectional study

3. ✔ प्रतिनिध्यात्मक (समकालीन) अध्ययन

Longitudinal study

4. ✘ अनुदैर्घ्य (दीर्घकालिक) अध्ययन

Question Number : 3 Question Id : 59345212650 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 value of middle position in a distribution of values is called :

मूल्यों के वितरण में मध्य स्थिति का मान कहलाता है :

Options :

Mean

1. ✘ माध्य

Median

2. ✔ माध्यिका

Mode

3. ✖ बहुलक

Mid-point

4. ✖ मध्य-बिन्दु

Question Number : 4 Question Id : 59345212651 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 order to pursue research, which of the following is priorly required ?

शोध को आगे बढ़ाने के लिए, निम्नलिखित में से किसकी पहले आवश्यकता होती है ?

Options :

Develop a research design

1. ✖ शोध अभिकल्प का विकास

Formulate research questions

2. ✔ शोध प्रश्नों का निर्माण

Deciding about the data analysis procedure

3. ✖ आंकड़ा विश्लेषण प्रक्रिया के बारे में निर्णय लेना

Formulating a research hypothesis

4. ✖ शोध परिकल्पना का निर्माण करना

Question Number : 5 Question Id : 59345212652 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 basis of the quality of a research journal ?

निम्नलिखित में से किसी शोध पत्रिका की गुणवत्ता का आधार कौन है ?

Options :

Impact factor

1. ✓ प्रभाव गुण

h-index

2. ✘ एच-इंडेक्स

g-index

3. ✘ जी-इंडेक्स

i10-index

4. ✘ i10-इंडेक्स

Question Number : 6 Question Id : 59345212653 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If the population is heterogeneous, which one of the following probability sampling methods will be suitable ?

यदि जनसंख्या विजातीय है, तो निम्नलिखित में से कौन-सी सम्भाव्यता प्रतिदर्श विधि अधिक उपयुक्त होगी ?

Options :

- 1. ✘ Sequential sampling
क्रमानुसार प्रतिचयन
- 2. ✘ Quota sampling
कोटा प्रतिचयन
- 3. ✘ Double sampling
दोहरा प्रतिचयन
- 4. ✔ Stratified sampling
स्तरीकृत प्रतिचयन

Question Number : 7 Question Id : 59345212654 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Manipulation is a part of :

प्रहस्तन का एक हिस्सा है।

Options :

- 1. ✘ Historical research
ऐतिहासिक शोध

- Fundamental research
2. ✘ मौलिक शोध
- Descriptive research
3. ✘ वर्णनात्मक शोध
- Experimental research
4. ✔ प्रायोगिक शोध

Question Number : 8 Question Id : 59345212655 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

p-value stands for :

पी-मूल्य से तात्पर्य है :

Options :

- Probability value
1. ✔ सम्भाव्य मूल्य
- Preference value
2. ✘ वरीयता मूल्य
- Pre-determined value
3. ✘ पूर्व-निर्धारित मूल्य

Prescribed value

4. ✖ नियत मूल्य

Question Number : 9 Question Id : 59345212656 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

R^2 is known as the :

R^2 को के रूप में जाना जाता है।

Options :

Coefficient of determination

1. ✔ निर्धारण का गुणांक

Multiple correlation coefficient

2. ✖ बहु-सहसम्बन्ध गुणांक

Partial correlation coefficient

3. ✖ आंशिक सहसम्बन्ध गुणांक

Semi-partial correlation coefficient

4. ✖ अर्ध-आंशिक सहसम्बन्ध गुणांक

Question Number : 10 Question Id : 59345212657 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Rejection of null hypothesis, when it is true, leads to :

शून्य परिकल्पना अस्वीकृत हो जाये जबकि यह सत्य है को इंगित करती है।

Options :

Sampling Error

1. ✖ प्रतिचयन त्रुटि

Type II Error

2. ✖ टाइप II त्रुटि

Type I Error

3. ✔ टाइप I त्रुटि

Estimation Error

4. ✖ अनुमान त्रुटि

Question Number : 11 Question Id : 59345212658 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 first stage in Grounded Theory data analysis :

निम्नलिखित में से ग्राउंडेड थ्योरी के आँकड़ा विश्लेषण का प्रथम चरण कौन-सा होता है ?

Options :

Examination

1. ✘ परीक्षण

Open coding

2. ✔ खुली कूट संकेतन

Retardation

3. ✘ अवरोध

Comparison

4. ✘ तुलना

Question Number : 12 Question Id : 59345212659 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 area of the rejection region for a two-tailed test in comparison with area of the one-tailed test for the same level of significance will be :

सार्थकता के समान स्तर के लिए एक-पुच्छीय परीक्षण के अस्वीकृति क्षेत्र की तुलना में द्वि-पुच्छीय परीक्षण का क्षेत्र :

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

Options :

Smaller

1. छोटा होगा

- Same
2. समान होगा
- Larger
3. बड़ा होगा
- One-fourth
4. एक चौथाई होगा

Question Number : 13 Question Id : 59345212660 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Basic research is :

मौलिक शोध होता है :

Options :

- Practical and descriptive
1. ✖ व्यावहारिक और वर्णनात्मक
- Client-driven
2. ✖ ग्राहक-प्रेरित
- Expands current knowledge
3. ✔ वर्तमान ज्ञान का विस्तार करने वाला
- Advancement of technology
4. ✖ प्रौद्योगिकी में उन्नति लाने वाला

Question Number : 14 Question Id : 59345212661 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 technique in which an individual is presented with a stimulus and asked to respond with the first thing that comes to mind is known as :

वह तकनीक जिसमें व्यक्ति के सामने एक उत्तेजना प्रस्तुत की जाती है और पहली बात जो दिमाग में आती है, उसका जवाब देने के लिए कहा जाता है, को जाना जाता है :

Options :

Completion techniques

1. ✘ पूर्ति तकनीक

Focus groups

2. ✘ केंद्रित समूह

Association techniques

3. ✔ साहचर्य तकनीक

In depth interviews

4. ✘ गहन साक्षात्कार

Question Number : 15 Question Id : 59345212662 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

An Independent variable is defined as :

एक स्वतंत्र चर को परिभाषित किया जाता है :

Options :

Change variable

1. ✓ परिवर्तनशील चर

Confounding variable

2. ✘ भ्रमित चर

Extraneous variable

3. ✘ वाह्य चर

Outcome variable

4. ✘ परिणाम चर

Question Number : 16 Question Id : 59345212663 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 statements is *false* for Research ?

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

Options :

Research design is a logical and systematic plan for a research study

1. ✘ अनुसंधान अभिकल्प शोध अध्ययन के लिए एक तार्किक और व्यवस्थित योजना है

Applied research is conducted to solve theoretical problems

2. ✓ सैद्धान्तिक समस्याओं को हल करने के लिए व्यावहारिक अनुसंधान किया जाता है

The basic research is also called as fundamental research

3. ✖ मूल शोध को मौलिक शोध भी कहा जाता है

A hypothesis is a statement that is tested for its validity

4. ✖ परिकल्पना एक कथन है जिसकी वैधता का परीक्षण किया जाता है

Question Number : 17 Question Id : 59345212664 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 administered some drug for management of diabetes for 4 weeks in a group and measured pre and post data for blood glucose level. Which statistical tool will be used to analyze data ?

एक शोधकर्ता ने एक समूह में 4 सप्ताह के लिए मधुमेह के प्रबंधन के लिए कुछ दवा दी है और रक्त शर्करा के पूर्व और बाद के स्तरों का मापन किया। प्राप्त आँकड़ों के विश्लेषण के लिए किस सांख्यिकीय विधि का उपयोग किया जाएगा ?

Options :

Paired 't' test

1. ✓ युग्मित टी-परीक्षण

Independent t-test

2. ✖ स्वतंत्र टी-परीक्षण

ANOVA test

3. ✖ एनोवा परीक्षण

Chi-square test

4. ✖ काई-वर्ग परीक्षण

Question Number : 18 Question Id : 59345212665 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 qualitative variable ?

निम्न में से कौन एक गुणात्मक चर है ?

Options :

Colour of hair

1. ✔ बालों का रंग

Body weight

2. ✖ शारीरिक भार

Body height

3. ✖ शारीरिक ऊँचाई

Percentage of haemoglobin

4. ✖ हीमोग्लोबिन का प्रतिशत

Question Number : 19 Question Id : 59345212666 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 should consider which of the following to prepare good research proposal ?

एक शोधकर्ता को अच्छा शोध प्रस्ताव तैयार करने के लिए निम्नलिखित में से किस पर विचार करना चाहिए ?

- (a) Research question should be novel
शोध प्रश्न नवीन होना चाहिए
- (b) Research protocol should be ethical and relevant
अनुसंधान प्रोटोकॉल नैतिक और प्रासंगिक होना चाहिए
- (c) Research question should be interesting and feasible
शोध प्रश्न दिलचस्प और व्यवहार्य होना चाहिए
- (d) Researcher should consider only his/her own interest and benefit
शोधकर्ता को केवल अपनी स्वयं की रुचि एवम लाभ पर विचार करना चाहिए

Options :

- a & d are correct
- 1. ✘ a और d सही हैं
- c & d are incorrect
- 2. ✘ c और d गलत हैं
- a, c & d are correct
- 3. ✘ a, c और d सही हैं

a, b & c are correct

4. ✓ a, b और c सही हैं

Question Number : 20 Question Id : 59345212667 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Why reviewing the existing literature is needed ?

मौजूदा साहित्य की समीक्षा करने की आवश्यकता क्यों है ?

Options :

It does not provide references

1. ✘ यह संदर्भों को प्रदान नहीं करता

It does not provide required word-count

2. ✘ आवश्यक शब्द-गणना नहीं देता

To find out what is already known about area of interest

3. ✓ यह जानने के लिए कि रुचि के क्षेत्र के बारे में पहले से क्या ज्ञात है

To help in non-related disciplines

4. ✘ असम्बन्धित विषयों में सहयोग करने के लिए

Question Number : 21 Question Id : 59345212668 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 called non-probability sampling ?

किसे असंभाव्यता प्रतिचयन कहा जाता है ?

Options :

Quota sampling

1. ✓ कोटा प्रतिचयन

Cluster sampling

2. ✘ गुच्छ प्रतिचयन

Systematic sampling

3. ✘ व्यवस्थित प्रतिचयन

Stratified random sampling

4. ✘ स्तरीकृत यादृच्छिक प्रतिचयन

Question Number : 22 Question Id : 59345212669 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Random error can be effectively handled by :

यादृच्छिक त्रुटि को द्वारा प्रभावी ढंग से नियंत्रित किया जा सकता है ।

Options :

Adequate sample size

1. ✓ उपयुक्त नमूना आकार

Randomisation

2. ✖ यादृच्छीकरण

Blinding

3. ✖ अंधकरण

Representativeness

4. ✖ प्रतिनिधित्व

Question Number : 23 Question Id : 59345212670 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *correct* definition of h index is :

एच-इंडेक्स की *सही* परिभाषा है :

Options :

Largest number h such that h publications have at least h citations

1. ✔ सबसे बड़ी संख्या h जैसे कि h प्रकाशनों में कम से कम h उद्धरण हों

Lowest number h such that h publications have at least h citations

2. ✖ सबसे कम संख्या h जैसे कि h प्रकाशनों में कम से कम h उद्धरण हों

Total number of citations divided by the total number of publications

3. ✖ उद्धरणों की कुल संख्या को प्रकाशन की कुल संख्या से विभाजित करने पर

Another name for impact factor

4. ✘ प्रभाव कारक का दूसरा नाम

Question Number : 24 Question Id : 59345212671 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 reference management tool ?

निम्नलिखित में से कौन संदर्भ प्रबंधन उपकरण *नहीं* है ?

Options :

EndNote

1. ✘ एण्डनोट

Zotero

2. ✘ ज़ोटेरो

Mendeley

3. ✘ मेंडले

Scopus

4. ✔ स्कोपस

Question Number : 25 Question Id : 59345212672 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Mean, Median and Mode are :
माध्य, माध्यिका और बहुलक हैं :

Options :

Measures of dispersion

1. ✖ प्रसरण का मापन

Measures of central tendency

2. ✔ केंद्रीय प्रवृत्ति का मापन

Measures of probability

3. ✖ संभाव्यता का मापन

Sampling methods

4. ✖ प्रतिचयन विधि

Question Number : 26 Question Id : 59345212673 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 appropriate measure of dispersion to report when median is reported as the measure of central tendency for a given set of data ?

रिपोर्ट करने के लिए विचलन का उपयुक्त उपाय क्या है जब माध्यिका को आँकड़ों के एक समूह के लिए केंद्रीय प्रवृत्ति के मापन के रूप में प्रयुक्त किया जाता है ?

Options :

Standard deviation

1. ✖ मानक विचलन

Interquartile range

2. ✓ अंतश्चतुर्थक विस्तार

Variance

3. ✗ विचरण

Coefficient of variance

4. ✗ विचरण का गुणांक

Question Number : 27 Question Id : 59345212674 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Open ended group discussion that promotes discussion among participants is called

विवृतांग (ओपन एंडेड ग्रुप) चर्चा जो प्रतिभागियों के बीच परिचर्चा को बढ़ावा देते हैं, कहलाते हैं

Options :

In-depth discussion

1. ✗ गहन चर्चा

Focus group discussions

2. ✓ फोकस ग्रुप चर्चा

Participant observation

3. ✖ प्रतिभागी अवलोकन

Structured interviews

4. ✖ संरचित साक्षात्कार

Question Number : 28 Question Id : 59345212675 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 ability of a tool to correctly measure what it is supposed to measure is called as :

किसी उपकरण/साधन की 'जिस उद्देश्य के मापन के लिए प्रयोग हो रहा है उसे सही-सही मापने की क्षमता' कहलाती है :

Options :

Validity

1. ✔ वैधता

Reliability

2. ✖ विश्वसनीयता

Consistency

3. ✖ संगति

Accuracy

4. ✖ सटीकता

Question Number : 29 Question Id : 59345212676 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In an experimental study of the effects of time spent on studying on grade, time spent studying would be the :

ग्रेड पर अध्ययन में व्यतीत समय के प्रभावों के एक प्रायोगिक अध्ययन में, अध्ययन में बिताया गया समय होगा :

Options :

- Control group
- 1. ✘ नियंत्रण समूह
- Independent variable
- 2. ✔ स्वतंत्र चर
- Experimental group
- 3. ✘ प्रायोगिक समूह
- Dependent variable
- 4. ✘ आश्रित चर

Question Number : 30 Question Id : 59345212677 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 reasoning where we start with certain particular statements and conclude with a universal statement is called :

एक तर्क जहाँ हम कुछ विशिष्ट कथनों से शुरू करते हैं और एक सार्वभौमिक कथन के साथ निष्कर्ष निकालते हैं, कहलाता है :

Options :

Deductive Reasoning

1. ✘ निगमनात्मक तर्क

Inductive Reasoning

2. ✔ आगमनात्मक तर्क

Abnormal Reasoning

3. ✘ असामान्य तर्क

Transcendental Reasoning

4. ✘ प्राशनुभविक तर्क

Question Number : 31 Question Id : 59345212678 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 distribution is described as platykurtic, then it is :

यदि किसी वितरण को प्लेटिक्यूरटिक (सपाटक कुर्दी) के रूप में वर्णित किया जाता है, तो वह है :

Options :

Peaked

1. ✘ चोटीदार

- Flat
2. ✓ सपाट
- Bimodal
3. ✘ द्विबाहुलकी
- Thin
4. ✘ पतला

Question Number : 32 Question Id : 59345212679 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In a statistical table the row headings are referred to as :

एक सांख्यिकीय तालिका में, पंक्ति शीर्षकों को कहा जाता है :

Options :

- Source note
1. ✘ स्रोत नोट
- Captions
2. ✘ कैप्शन (अनुशीर्षक)
- Stubs
3. ✓ स्टब्स (टूठ)

Body

4. ✖ शरीर

Question Number : 33 Question Id : 59345212680 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 techniques are used to control extraneous variables in research ?

अनुसंधान में बाह्य चरों को नियंत्रित करने के लिए निम्नलिखित में से किस तकनीक का उपयोग किया जाता है ?

Options :

Change of instrument

1. ✖ साधन का परिवर्तन

Randomization

2. ✔ यादृच्छीकरण

Change the research method

3. ✖ अनुसंधान विधियों में परिवर्तन

Parameterization

4. ✖ पैरामीट्रिजेशन (प्राचलीकरण)

Question Number : 34 Question Id : 59345212681 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is the information and library network under UGC ?

यूजीसी के तहत निम्नलिखित में से कौन-सा सूचना और पुस्तकालय नेटवर्क है ?

Options :

INFLIBNET

1. ✓ इनफिलिबनेट

NISCAIR

2. ✗ निस्केयर

Association of Indian Universities

3. ✗ भारतीय विश्वविद्यालयों का संघ

NAAC

4. ✗ नैक

Question Number : 35 Question Id : 59345212682 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 research tool consisting of a series of questions is known as :

प्रश्नों की एक शृंखला से युक्त एक शोध उपकरण को कहा जाता है :

Options :

Observation schedule

1. ✗ अवलोकन अनुसूची

Interview schedule

2. ✘ साक्षात्कार अनुसूची

Questionnaire

3. ✔ प्रश्नावली

Psychological test

4. ✘ मनोवैज्ञानिक परीक्षण

**Question Number : 36 Question Id : 59345212683 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :
None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control 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 a good thesis involve ?

एक अच्छी थीसिस में क्या सम्मिलित होता है ?

- (a) Reducing punctuations as well as grammatical errors to minimal level.
विराम-चिन्हों तथा व्याकरण अशुद्धियों को अल्पतम स्तर तक कम करना।
- (b) Correct reference citation.
समुचित सन्दर्भ उद्धरण।
- (c) Consistency in the way of thesis writing.
थीसिस लेखन के तरीके में सुसंगति।
- (d) All of the three
तीनों में सभी

Choose the *correct* answer from the codes given below :

नीचे दिये गये कूट में से *सही* उत्तर चुनें :

Codes :

कूट :

Options :

a, b, c and d

1. ✓ a, b, c तथा d

a, c and d

2. ✗ a, c तथा d

a, b and c

3. ✓ a, b तथा c

c, b and d

4. ✘ c, b तथा d

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 : 37 Question Id : 59345212684 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The difference between the expected value of a sample statistic and the estimated value of parameter is called :

नमूना आंकड़ों के अपेक्षित मूल्य और प्राचल के अनुमानित मूल्य के बीच के अन्तर को कहा जाता है :

Options :

Error

1. ✘ त्रुटि

Bias

2. ✔ पूर्वाग्रह

Contradiction

3. ✘ विरोधाभास

Difference

4. ✘ अंतर

Question Number : 38 Question Id : 59345212685 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Among the following, widely used method for extracting factors is :

निम्नलिखित में से, कारकों को निकालने के लिए व्यापक रूप से इस्तेमाल की जाने वाली विधि है :

Options :

Path analysis

1. ✖ पथ विश्लेषण

Discriminant analysis

2. ✖ विभेदक विश्लेषण

Group analysis

3. ✖ समूह विश्लेषण

Principle component analysis

4. ✔ प्रमुख-घटक विश्लेषण

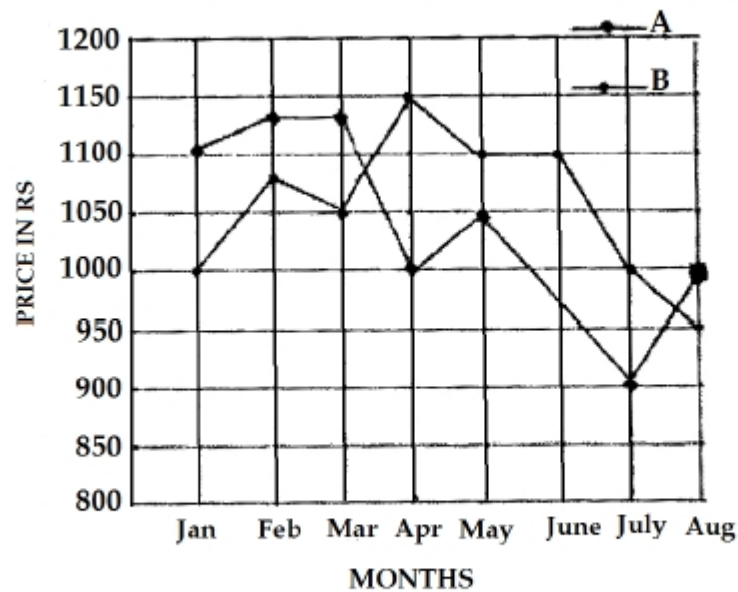
Question Number : 39 Question Id : 59345212686 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval 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 :

निम्नलिखित ग्राफ का अध्ययन कीजिए तथा प्रश्न का उत्तर दीजिए :



What was the price difference between commodity A and B in the month of April ?

अप्रैल के महीने में सामग्री A और B के बीच मूल्य का अन्तर क्या था ?

Options :

1. ✘ 250
2. ✔ 150
3. ✘ 100
4. ✘ 90

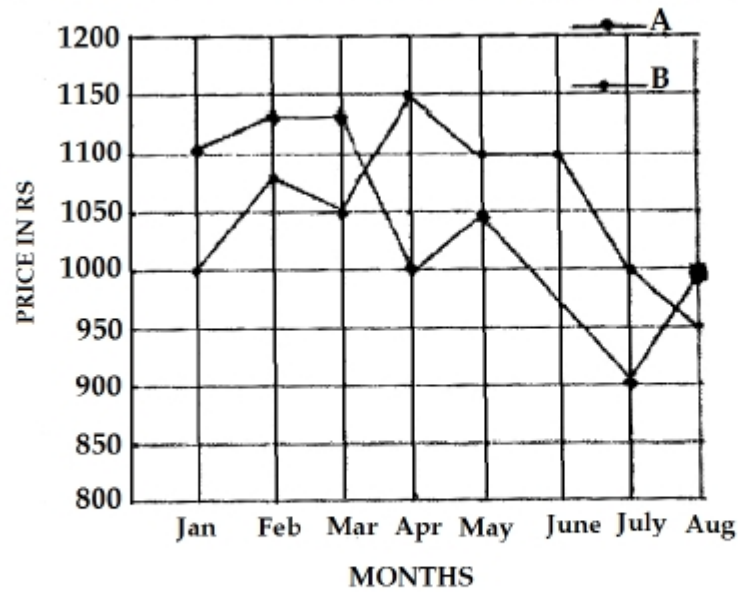
Question Number : 40 Question Id : 59345212687 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval 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 :

निम्नलिखित ग्राफ का अध्ययन कीजिए तथा प्रश्न का उत्तर दीजिए :



What was the difference in average price between commodity A and B from April to August ?

अप्रैल से अगस्त तक सामग्री A और B के औसत मूल्य में कितना अन्तर था ?

Options :

1. ✘ 90

2. ✘ 86

3. ✘ 95

4. ✔ 75

Subject_&_Area Concerned

Section Id :	593452218
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 :	593452246
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 59345212688 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Individuals with which of the following α 1-antitrypsin phenotypes are at highest risk of developing emphysema ?

Options :

1. ✘ PiMS
2. ✔ PiZZ
3. ✘ PiSS
4. ✘ PiSZ

Question Number : 42 Question Id : 59345212689 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements concerning the management of spontaneous pneumothorax is *true* ?

Options :

1. ✘ Observation is the preferred method in an asymptomatic patient with a rim of 3 cm.
2. ✘ A small (visible rim at the level of the hilum of ~1 cm) pneumothorax in a patient with dyspnoea is best treated by observation.
3. ✔ Prevention of recurrence is best achieved by pleurodesis.
4. ✘ Surgical treatment is indicated for the first episode of secondary pneumothorax.

Question Number : 43 Question Id : 59345212690 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements about OSAS is *false* ?

Options :

1. ✘ Upper airway resistance is increased during sleep.
2. ✘ Apnoeas, hypopnoeas and respiratory effort-related arousals are found.

3. ✘ Sympathetic activity is increased both during sleep and wakefulness.

4. ✔ Hypoxaemia attenuates the effects of increased sympathetic tone.

Question Number : 44 Question Id : 59345212691 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 diseases is associated with upper lobe fibrosis and loss of volume on chest radiography ?

Options :

1. ✘ Asbestosis

2. ✔ Hypersensitivity pneumonitis

3. ✘ Langerhans cell histiocytosis

4. ✘ Rheumatoid arthritis

Question Number : 45 Question Id : 59345212692 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 factor would *not* increase the risk for malignancy of a solitary pulmonary nodule ?

Options :

1. ✘ Heavy smoking history
2. ✔ Male sex
3. ✘ Older age
4. ✘ Larger size of the nodule

Question Number : 46 Question Id : 59345212693 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 statement concerning malignant mesothelioma is *correct* ?

Options :

1. ✘ Cytology of pleural fluid is the recommended diagnostic test for mesothelioma.
2. ✔ Immunohistochemical stains help distinguish it from adenocarcinoma.
3. ✘ Fibrosarcomatous histology is more common than epithelial type.
4. ✘ Median survival for untreated patients is approximately 2 years.

Question Number : 47 Question Id : 59345212694 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 conditions is *not* included in the tetrad of symptoms usually associated with narcolepsy ?

Options :

1. ✘ Sleep attacks
2. ✘ Hypnagogic hallucinations
3. ✔ Morning headaches
4. ✘ Sleep paralysis

Question Number : 48 Question Id : 59345212695 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 associated with moderately severe thoracic scoliosis (Cobb angle 60-90°) ?

Options :

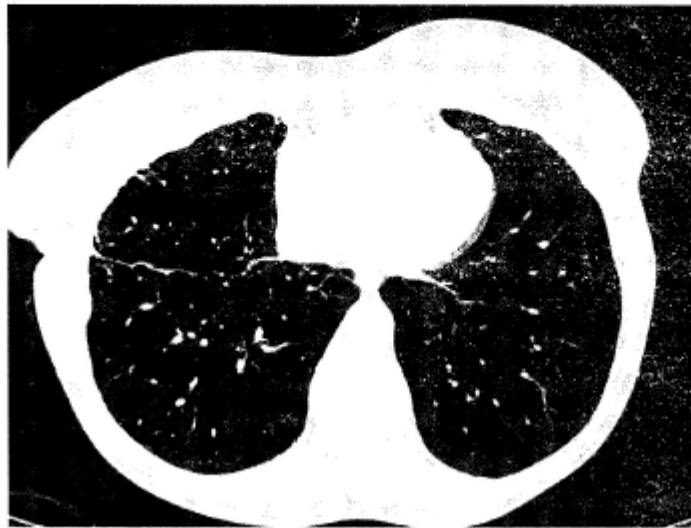
1. ✘ Increased functional residual capacity
2. ✘ Decreased residual volume/TLC ratio
3. ✘ Increased expiratory reserve volume
4. ✔ Reduced inspiratory capacity

Question Number : 49 Question Id : 59345212696 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 35-years-old female was admitted with acute dyspnoea, 12 months after the birth of her second child. During the past 6 months, she has suffered from mild dyspnoea) despite the fact that she has never smoked. Chest radiography revealed a unilateral pneumothorax, which was treated appropriately. The follow-up CT scan is shown below.



Which of the following is the most likely diagnosis ?

Options :

1. ✘ Langerhans' cell histiocytosis
2. ✘ Alveolar proteinosis

3. ✓ Lymphangioliomyomatosis

4. ✘ Amyloidosis

Question Number : 50 Question Id : 59345212697 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements about symptoms and signs of lung cancer is *correct* ?

Options :

1. ✘ Horner syndrome indicates extrathoracic metastases.

2. ✘ Cushing syndrome includes hyperkalaemic acidosis and hyperglycaemia.

3. ✓ Lambert-Eaton myasthenic syndrome may be worse in the morning and improve during the day.

4. ✘ The severity of neurologic paraneoplastic syndromes is related to tumour bulk.

Question Number : 51 Question Id : 59345212698 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements concerning initiation of β -blocker treatment in patients with advanced COPD (Global Initiative for Chronic Obstructive Pulmonary Disease grade 3 or 4) on inhalation therapy with a long-acting β -agonist and inhaled corticosteroids is *correct* ?

Options :

1. ✘ β -blockers are contraindicated.
2. ✘ Initiation of cardioselective β -blocker therapy should only be performed after measuring reversibility of airflow obstruction to inhaled β -agonists.
3. ✘ β -blockers increase the risk of exacerbations in patients with advanced COPD.
4. ✔ β -blockers reduce mortality in advanced COPD patients with overt cardiovascular diseases

Question Number : 52 Question Id : 59345212699 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 options is of highest value for the diagnosis of hypersensitivity pneumonitis (extrinsic allergic alveolitis) ?

Options :

1. ✔ Exposure to a known offending antigen
2. ✘ Eosinophils in bronchioalveolar lavage fluid

3. ✘ Serum precipitins

4. ✘ Delayed response to corticosteroids

Question Number : 53 Question Id : 59345212700 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 severe persistent allergic asthma, which of the following has therapy with the anti-IgE antibody omalizumab has been shown to do consistently ?

Options :

1. ✘ Increase FEV 1

2. ✘ Improve the methacholine threshold

3. ✔ Decrease the frequency of exacerbations

4. ✘ Decrease the use of inhaled corticosteroids

Question Number : 54 Question Id : 59345212701 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 lung cancer cell type is most commonly associated with paraneoplastic hypercalcaemia ?

Options :

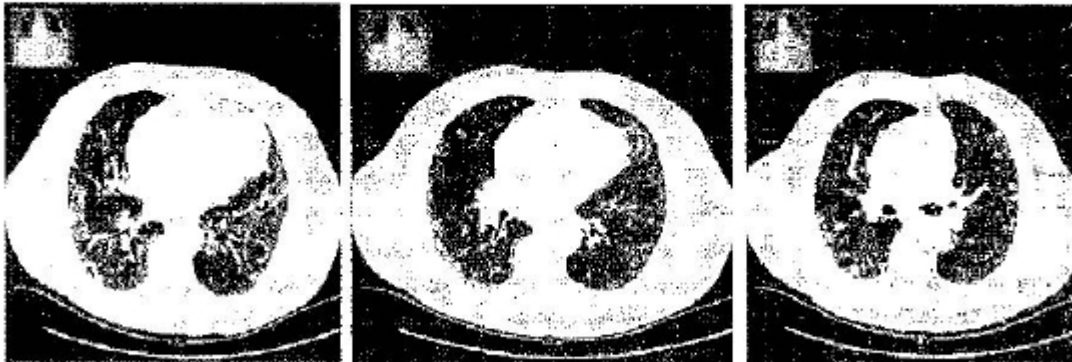
1. ✘ Adenocarcinoma
2. ✘ Adenocarcinoma with lepidic growth
3. ✘ Small cell carcinoma
4. ✔ Squamous cell carcinoma

Question Number : 55 Question Id : 59345212702 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 52-years-old woman complains of weight loss, asthenia and dyspnoea. Examination reveals symmetrical proximal weakness, elevated muscle enzymes in serum and muscle biopsy showing inflammation. Some relevant slices of the chest CT are shown below :



Which of the following is a lung biopsy most likely to show ?

Options :

1. ✘ Desquamative interstitial pneumonia
2. ✘ Eosinophilic pneumonia
3. ✘ Usual interstitial pneumonia
4. ✔ Nonspecific interstitial pneumonia

Question Number : 56 Question Id : 59345212703 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 LEAST LIKELY complication of diagnostic Bronchoscopy ?

Options :

1. ✘ Hypoxia
2. ✘ Cardiac arrhythmia
3. ✔ Hypercapnia
4. ✘ Hemoptysis

Question Number : 57 Question Id : 59345212704 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 bronchoscopic intervention leads to IMMEDIATE improvement in bronchial obstruction ?

Options :

1. ✘ Cryotherapy
2. ✔ Argon plasma coagulation
3. ✘ Photodynamic therapy
4. ✘ Bronchial thermoplasty

Question Number : 58 Question Id : 59345212705 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 radiological sign is *not* pathological ?

Options :

1. ✘ Air bronchogram sign
2. ✔ Thymic sail sign
3. ✘ Cervico thoracic sign

4. ✖ Deep sulcus sign

Question Number : 59 Question Id : 59345212706 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 direct radiological sign of collapse ?

Options :

1. ✖ Displacement of interlobar fissures
2. ✖ Loss of aeration
3. ✔ Elevation of diaphragm
4. ✖ Crowding of vessels

Question Number : 60 Question Id : 59345212707 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 62 years old man with cirrhosis liver has platypnea and orthodeoxia. He has hypoxia which is corrected by supplemental oxygen. He has no primary lung disease. What is the MOSTLIKELYdiagnosis ?

Options :

1. ✖ Bilateral pleural effusion

2. ✘ Porto pulmonary hypertension

3. ✔ Hepatopulmonary syndrome

4. ✘ Gross ascitis

Question Number : 61 Question Id : 59345212708 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Absence of lung sliding in thoracic ultra sound is a sign of :

Options :

1. ✘ Trapped lung

2. ✔ Pneumothorax

3. ✘ Consolidation

4. ✘ Pleural effusion

Question Number : 62 Question Id : 59345212709 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Paradoxical respiration is seen in :

Options :

1. ✘ Obesity
2. ✘ Pleural effusion
3. ✔ Diaphragm paralysis
4. ✘ Collapse of lung

Question Number : 63 Question Id : 59345212710 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Diagnosis of airflow obstruction in Spirometry is identified by :

Options :

1. ✔ Decreased FEV1 /FVC
2. ✘ Decreased FEV1
3. ✘ Decreased FVC
4. ✘ Decreased FEF 25-75

Question Number : 64 Question Id : 59345212711 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 conditions will tend to increase the ventilation/perfusion ratio (i.e. increase West zone 1) and therefore the dead space ventilation in the top part of the lung ?

Options :

1. ✘ Change in posture, from standing to lying down
2. ✔ Increase in positive end-expiratory pressure in a patient ventilated for acute respiratory distress syndrome
3. ✘ Severe mitral stenosis
4. ✘ Pneumothorax

Question Number : 65 Question Id : 59345212712 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 waves occur during daytime wakefulness ?

Options :

1. ✔ Beta waves
2. ✘ Alpha waves
3. ✘ Delta waves

4. ✘ Theta waves

Question Number : 66 Question Id : 59345212713 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 22-years-old patient with Duchenne muscular dystrophy is ventilated at home with a bilevel pressurecycled ventilator. Following a lower airway infection, he experiences great difficulty in clearing bronchial secretions. Of the following treatments, which one is recommended in this case ?

Options :

1. ✘ Increasing ventilator inspiratory positive airway pressure
2. ✘ Regular use of an oral mucolytic agent
3. ✘ Regular use of nebulised 3% saline
4. ✔ Bronchial secretion clearance with mechanical insufflation-exsufflation

Question Number : 67 Question Id : 59345212714 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 radiographic features is least likely to be found in Langerhans' cell histiocytosis of the lung ?

Options :

1. ✘ Diffuse nodules ranging in size up to 10 mm
2. ✘ Diffuse reticulonodular opacities
3. ✔ Pleural effusion
4. ✘ Pneumothorax

Question Number : 68 Question Id : 59345212715 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements concerning β -adrenergic blockers and inhaled β -adrenergic agonists is *correct* ?

Options :

1. ✘ β -blockers are contraindicated in patients with COPD.
2. ✘ Administration of inhaled short-acting β -adrenergic agonists decreases heart rate.
3. ✔ Administration of inhaled short-acting β -adrenergic agonists can lower serum potassium.
4. ✘ β -blockers increase in-hospital mortality in asthma patients with acute myocardial infarction.

Question Number : 69 Question Id : 59345212716 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 results of the pleural fluid analysis indicates the need for chest-tube drainage ?

Options :

1. ✘ Serosanguineous appearance
2. ✔ pH < 7.2
3. ✘ Glucose < 60 mmol/L
4. ✘ Negative Gram stain

Question Number : 70 Question Id : 59345212717 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 comorbidities is *not* related to poor control of her asthma ?

Options :

1. ✘ Chronic rhinosinusitis
2. ✘ Psychological dysfunctioning
3. ✘ Obesity

4. ✓ Asymptomatic gastro-oesophageal reflux

Question Number : 71 Question Id : 59345212718 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Drug of choice for ACE inhibitor induced cough ?

Options :

1. ✘ Apixaban
2. ✘ Steroids
3. ✓ Icatibant
4. ✘ Montelukast

Question Number : 72 Question Id : 59345212719 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Glypyrronium exerts its action through which receptor ?

Options :

1. ✘ M1 receptors
2. ✘ M2 receptors

3. ✓ M3 receptors

4. ✗ M4 receptors

Question Number : 73 Question Id : 59345212720 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

IL 13 antagonist used in the treatment of asthma :

Options :

1. ✗ Mepolizumab

2. ✓ Dupilumab

3. ✗ Daclizumab

4. ✗ Reslizumab

Question Number : 74 Question Id : 59345212721 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 antitussives modulate the peripheral sensory neuro peptide level throughout the respiratory tract ?

Options :

1. ✘ Codine
2. ✘ DMR
3. ✘ Benzonatate
4. ✔ Levdropropizine

Question Number : 75 Question Id : 59345212722 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 51 years old smoker has a CT scan performed. The report states "There is a 10 mm pure ground-glass nodule in the middle lobe". What is the single most likely histological finding ?

Options :

1. ✔ Adenocarcinoma *in-situ*
2. ✘ Atypical adenomatous hyperplasia
3. ✘ Bronchioalveolar carcinoma
4. ✘ Invasive adenocarcinoma

Question Number : 76 Question Id : 59345212723 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

According to Schilling classification of byssinosis, Grade 2 indicates which of the following ?

Options :

1. ✘ Occasional chest tightness on the first work day of week.
2. ✘ Chest tightness on every first day of the work week.
3. ✔ Chest tightness on first and other days of work week.
4. ✘ Chest tightness on first and other days of work week along with disability.

Question Number : 77 Question Id : 59345212724 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

ACCP case definition of occupational asthma includes the following criteria, *except* ?

Options :

1. ✘ Onset of asthma after entering the work place.
2. ✘ Physician diagnosis of asthma.
3. ✔ Nocturnal symptoms of asthma.

4. ✘ Positive response to specific inhalational challenge test.

Question Number : 78 Question Id : 59345212725 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Lake Louis symptoms score is used for diagnosing in which condition ?

Options :

1. ✘ Pilot driving
2. ✔ High altitude trek
3. ✘ Smoking cessation
4. ✘ Scuba diving

Question Number : 79 Question Id : 59345212726 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Epoch represents which of the following ?

Options :

1. ✘ One hour of recorded sleep data

2. ✖ One minute of recorded sleep data
3. ✔ 30 seconds of recorded sleep data
4. ✖ 10 Seconds of recorded sleep data

Question Number : 80 Question Id : 59345212727 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 pregnant female develops sudden onset of breathlessness, her PESI score is 86, her wells criteria score is 5. What is the initial investigation you want to do to this patient ?

Options :

1. ✖ CT Angiography
2. ✖ ECHO scan
3. ✔ Doppler of lower limbs
4. ✖ Ventilation perfusion scan

Question Number : 81 Question Id : 59345212728 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 60 years old male diagnosed as a case of COPD, who was on dual bronchodilator therapy had recurrent excessive exturbations in the last year. He was shifted to, Triple inhaler therapy but still his mucus production was not well controlled. What do you think is the next line of action ?

Options :

1. ✘ Azithromycin
2. ✘ Oral steroids
3. ✔ Rofumilast
4. ✘ Increase the dose of inhalational steroids

Question Number : 82 Question Id : 59345212729 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Triple therapy in ILD, includes all of the following *except* :

Options :

1. ✘ Prednisolone
2. ✔ Proton pump inhibitor
3. ✘ Azathioprine
4. ✘ N acetyl cysteine

Question Number : 83 Question Id : 59345212730 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 parameter does *not* affect oxygen in ventilator setting ?

Options :

1. ✘ F_iO_2
2. ✘ PEEP
3. ✔ Tidal Volume
4. ✘ Inspiratory time

Question Number : 84 Question Id : 59345212731 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 calculate a Plateau pressure of a patient who is on ventilator ?

Options :

1. ✘ Expiratory hold
2. ✔ Inspiratory hold
3. ✘ Decreasing PEEP

4. ✘ Increasing PEEP

Question Number : 85 Question Id : 59345212732 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 35 years old male presenting with fever, breathless and dry cough. His ear examination reveals bullousmyringitis. Which of the following is the most likely organism causing Pneumonia ?

Options :

1. ✘ Legionella
2. ✔ Mycoplasma
3. ✘ Influenza
4. ✘ Para Influenza

Question Number : 86 Question Id : 59345212733 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is *not* a biochemical feature of transudative pleural effusions ?

Options :

1. ✘ protein < 30 g/l

2. ✘ pleural protein : serum protein < 0.5
3. ✘ pleural LDH : serum LDH < 0.6
4. ✔ pleural glucose < serum glucose

Question Number : 87 Question Id : 59345212734 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 list below is *not* the cause of an exudative pleural effusion ?

Options :

1. ✔ Nephrotic syndrome
2. ✘ pancreatitis
3. ✘ TB
4. ✘ Malignancy

Question Number : 88 Question Id : 59345212735 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Regarding pulmonary emboli, which statement is *correct* ?

Options :

1. ✘ a normal Aa gradient excludes a PE
2. ✘ a $paO_2 > 80$ excludes a PE
3. ✘ a normal CXR excludes a PE
4. ✔ anticoagulation reduces mortality from PE from 30% to 10%

Question Number : 89 Question Id : 59345212736 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Medium dose budesonide in adults :

Options :

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

Question Number : 90 Question Id : 59345212737 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Acquired pneumonia :

Options :

1. ✘ Use of high dose penicillin in penicillin resistant Strep pneumoniae is rarely successful in treating the pneumonia.
2. ✘ Mycoplasma pneumoniae is more commonly seen in elderly patients.
3. ✔ Leigonellaspp pneumonia is usually moderately severe and can cause pancreatitis and myocarditis.
4. ✘ H. influenzae is more commonly seen in young, otherwise well patients.

Question Number : 91 Question Id : 59345212738 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is *not* true of lung transplant patients ?

Options :

1. ✘ Early rejection may present as cough, chest tightness and decline in FEV1 by greater than 10%.
2. ✔ Lung transplant patients do not require prophylaxis for endocarditis.

3. ✖ Post transplant lymphoproliferative disease is usually fatal is occurring greater than one year post transplant.

4. ✖ Obliterative bronchiolitis is the most common cause of death 2 years plus after transplant.

Question Number : 92 Question Id : 59345212739 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 spontaneous pneumothorax, which is *incorrect* ?

Options :

1. ✖ 95% will have pleuritic chest pain on the side of the pneumothorax
2. ✖ Only 5% will be tachypnoeic or tachycardic
3. ✔ Spontaneous pneumothoraces of 35% deflation can be managed conservatively
4. ✖ CT scan is the current "gold standard" for measuring deflation

Question Number : 93 Question Id : 59345212740 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Clubbing is commonly associated with all but which of the following ?

Options :

1. ✘ Bronchiectasis
2. ✘ Asbestosis
3. ✔ COAD
4. ✘ Idiopathic pulmonary fibrosis

Question Number : 94 Question Id : 59345212741 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Regarding lung volumes which is *true* ?

Options :

1. ✘ Total Lung Capacity = Vital Capacity + Tidal Volume
2. ✘ Inspiratory Reserve = TV + Residual Volume
3. ✘ Tidal Volume = 1L in 70 kg male
4. ✔ Vital Capacity = 5L in 70 kg male

Question Number : 95 Question Id : 59345212742 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 best position in which to place patient with massive haemoptysis ?

Options :

1. ✘ Affected side up
2. ✔ Affected side down
3. ✘ Trendelenburg
4. ✘ Reverse Trendelenburg

Question Number : 96 Question Id : 59345212743 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

BAL fluid finding supporting diagnosis of sarcoidosis ?

Options :

1. ✔ CD4/CD8 Ratio more than 3.5
2. ✘ CD4/CD3 Ratio more than 2
3. ✘ CD1/CD2 Ratio more than 3.5
4. ✘ CD2/CD8 Ratio more than 3

Question Number : 97 Question Id : 59345212744 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *not* a monoclonal antibody against IL 5 in treatment of bronchial asthma ?

Options :

1. ✘ Mepolizumab
2. ✘ Reslizumab
3. ✘ Benralizumab
4. ✔ Lebrikizumab

Question Number : 98 Question Id : 59345212745 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 organism causing pneumonia has an increased incidence in IV drug users and those post-influenza ?

Options :

1. ✘ Pneumococcus
2. ✔ Staph aureus

3. ✘ Viral

4. ✘ Gram-negative

Question Number : 99 Question Id : 59345212746 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 view of airborne infection control, distance between two beds in DR-TB centre should be at least ?

Options :

1. ✘ At least 3 feet

2. ✔ At least 6 feet

3. ✘ At least 12 feet

4. ✘ Flexible as per feasibility

Question Number : 100 Question Id : 59345212747 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 Tuberculosis patients Molecular tests cannot be used for :

Options :

1. ✘ Diagnosis
2. ✘ Detecting amplification of drug resistance
3. ✔ Determining response to treatment
4. ✘ Molecular test has no utility in Tuberculosis patients