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 :	635 16th Mar 2022 Shift 3
Subject Name :	635
Creation Date :	2022-03-16 19:30:58
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_Cardiology

Group Number :	1
Group Id :	59345298
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 :	593452191
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 :	593452219
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 59345211348 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 :

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

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

2. ✖ The choice between using qualitative or quantitative methods.

गुणात्मक या परिमाणात्मक पद्धतियों के उपयोग के मध्य चुनाव।

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

वह शैली जिसमें आप अपने शोध खोजों को प्रस्तुत करते हैं; जैसे – ग्राफ।

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

आँकड़ों के संकलन और विश्लेषण के प्रत्येक स्तर के लिए एक ढाँचा।

Question Number : 2 Question Id : 59345211349 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211350 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211351 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211352 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 :

1. ✔ Impact factor
प्रभाव गुण

2. ✖ h-index
एच–इंडेक्स

3. ✖ g-index
जी–इंडेक्स

4. ✖ i10-index
i10–इंडेक्स

Question Number : 6 Question Id : 59345211353 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211354 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211355 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211356 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211357 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 :

1. ✖ Sampling Error
   प्रतिचयन त्रुटि

2. ✖ Type II Error
   टाइप II त्रुटि

3. ✔ Type I Error
   टाइप I त्रुटि

4. ✖ Estimation Error
   अनुमान त्रुटि

Question Number : 11 Question Id : 59345211358 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211359 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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

समान होगा

2.

Larger

बड़ा होगा

3.

One-fourth

एक चौथाई होगा

4.

Question Number : 13 Question Id : 59345211360 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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. ✖ व्यवहारिक 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 : 59345211361 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 :

1. ✖ Completion techniques
   पूर्ति तकनीक

2. ✖ Focus groups
   केंद्रित समूह

3. ✔ Association techniques
   साहचर्य तकनीक

4. ✖ In depth interviews
   गहन साक्षात्कार

Question Number : 15 Question Id : 59345211362 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211363 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211364 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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-squire test

4. ✖ काई–वर्ग परीक्षण

Question Number : 18 Question Id : 59345211365 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211366 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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

a और d सही हैं

1. ✖

c & d are incorrect

c और d गलत हैं

2. ✖

a, c & d are correct

a, c और d सही हैं

3. ✖

a, b & c are correct

4. ✔ a, b और c सही हैं

Question Number : 20 Question Id : 59345211367 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211368 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211369 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211370 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211371 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211372 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211373 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211374 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211375 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211376 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 :

1. ✖ Control group
नियंत्रण समूह

2. ✔ Independent variable
स्वतंत्र चर

3. ✖ Experimental group
प्रायोगिक समूह

4. ✖ Dependent variable
आश्रित चर

Question Number : 30 Question Id : 59345211377 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211378 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 प्लेटीकुरटिक (सपाटक कुदी) 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 : 59345211379 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 (ठूंठ)

Body

4. ✖ शरीर

Question Number : 33 Question Id : 59345211380 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211381 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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. ✔ इनफ्लिबनेट

NISCAIR

2. ✘ निस्केयर

Association of Indian Universities

3. ✘ भारतीय विश्वविद्यालयों का संघ

NAAC

4. ✘ नैक

Question Number : 35 Question Id : 59345211382 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211383 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211384 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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
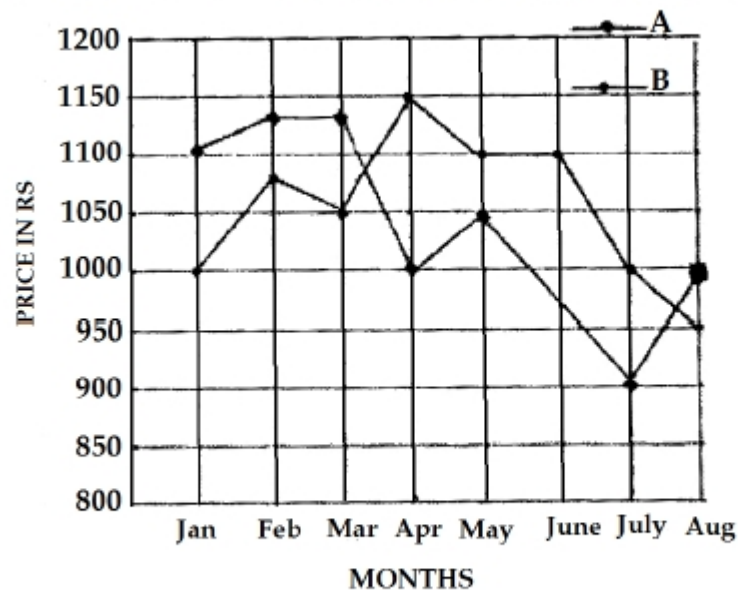
Difference

4. ✖ अंतर

Question Number : 38 Question Id : 59345211385 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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

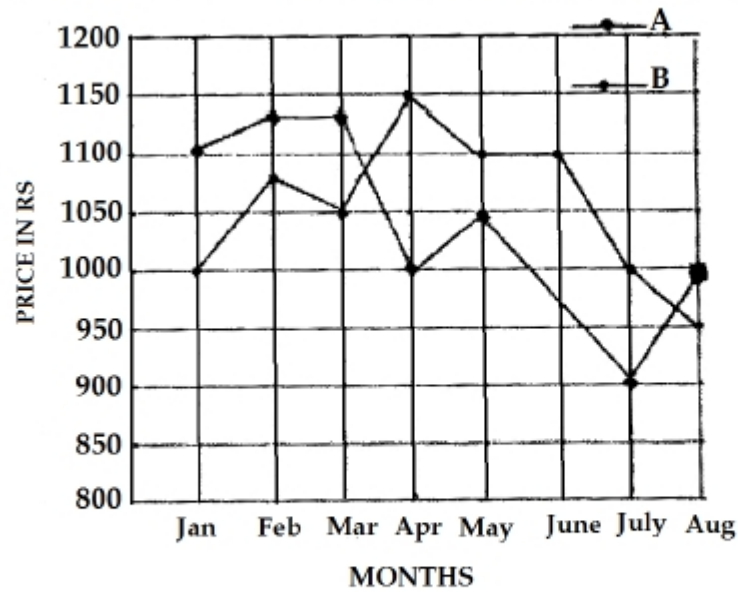Principle component analysis

4. ✔ प्रमुख-घटक विश्लेषण

Question Number : 39 Question Id : 59345211386 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 : 59345211387 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :
None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control 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

Section Id : 593452192

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 : 593452220

Question Shuffling Allowed : Yes

Question Number : 41 Question Id : 59345211388 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *incorrect* about cardiac muscle cell ?

Options :

1. ✔ Titin an enormous, flexible, myofibrillar protein, connects myosin to the A line; its stretching contributes to the elasticity of the heart.

2. ✖ Repetitive interaction between myosin heads and actin filaments is termed cross-bridge cycling.

3. ✖ Intracytorplasmic $[Ca^{2+}]$ is a principal determinant of the inotropic state of the heart.

The sarcomere, the structural and functional unit of contraction, lies between
4. ✖ adjacent Z lines.

Question Number : 42 Question Id : 59345211389 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 untrue about ventricular stroke volume ?

Options :

1. ✖ It depends on the length of the muscle at the onset of contraction

2. ✔ It is independent of the tension that muscle develops during cardiac contraction

3. ✖ Muscle contractility

4. ✖ The extent and velocity of shortening at any given preload and afterload

Question Number : 43 Question Id : 59345211390 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 metabolic risk factor for the cardiovascular diseases ?

Options :

1. ✖ Hypertension

2. ✖ Lipid Levels

3. ✔ Diet

4. ✘ Diabetes Mellitus

Question Number : 44 Question Id : 59345211391 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *incorrect* about JVP ?

Options :

1. ✘ The JVP is the single most important bedside measurement from which to estimate the volume status

2. ✔ The internal jugular vein is preferred because it is valved and not directly in line with the superior vena cava and right atrium

3. ✘ JVP has been traditionally measured as the vertical distance between the top of the jugular venous pulsation and the angle of Louis

4. ✘ A distance between the top of the jugular venous pulsation and the angle of Louis > 4.5 cm at 30° elevation is considered abnormal

Question Number : 45 Question Id : 59345211392 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 systolic sound ?

Options :

1. ✔ Non-ejection clicks

2. ✖ High-pitched opening snap (OS) of MS

3. ✖ Pericardial knock

4. ✖ Tumor plop

Question Number : 46 Question Id : 59345211393 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *false* regarding heart murmurs ?

Options :

1. ✔ Systolic murmur of HOCM becomes louder during passive leg raising and when squatting

2. ✖ The mid-systolic murmur associated with enhanced pulmonic blood flow in the setting of a large ASD is usually loudest at the mid-left sternal border

3. ✖ A late systolic murmur, heard best at the apex, indicates MVP

4. ✖ In contrast to some systolic murmurs, diastolic heart murmurs always signify structural heart disease

Question Number : 47 Question Id : 59345211394 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *incorrect* regarding ECG ?

Options :

1. ✖ The ECG is usually recorded on graph paper divided into 1-mm 2 grid like boxes

2. ✖ There are four major sets of ECG intervals : PR, QRS, RR and QT/QTc

3. ✔ The normal P wave in lead V1 may be biphasic with a positive component reflecting left atrial depolarization and negative component reflecting right atrial depolarization

4. ✖ Very prominent U waves are a marker of increased susceptibility to torsade's de pointes

Question Number : 48 Question Id : 59345211395 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 about CT calcium scoring of coronary arteries is *not* true ?

Options :

1. ✖ CT calcium scoring is the simplest application of cardiac CT and does not require administration of iodinated contrast

2. ✖ The presence of coronary artery calcification has been associated with increased burden of atherosclerosis and cardiovascular mortality

3. ✖ Population based studies in asymptomatic cohorts have reported high cardiac prognostic value of CT calcium score

4. ✔ Agatston score of 10-100 is quantified as moderate score

Question Number : 49 Question Id : 59345211396 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 cause of left ventricular outflow tract obstruction ?

Options :

1. ✖ Valvular-Aortic stenosis

2. ✖ Supra-Valvular Aortic stenosis

3. ✖ Sub-Valvular Aortic stenosis

4. ✔ Apical Hypertrophic Cardiomyopathy

Question Number : 50 Question Id : 59345211397 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *untrue* ?

Options :

1. ✖ Right ventricular size and function have been shown to be prognostically important in a variety of conditions

2. ✖ Right ventricular size and function can be assessed by echocardiography, CMR, CT or radionuclide imaging methods

3. ✔ Echocardiography is considered the most accurate noninvasive technique to evaluate the structure and ejection fraction of the right ventricle

4. ✖ TAPSE is a method to assess right ventricular function

Question Number : 51 Question Id : 59345211398 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *false* regarding Cor Pulmonale ?

Options :

1. ✖ Cor Pulmonale is also referred to as pulmonary heart disease

2. ✔ RV dysfunction is an important sequela of HFpEF and HFrEF and this can also be considered as cor pulmonale

3. ✖ Cor Pulmonale is triggered by the presence of pulmonary hypertension

4. ✖ Cor Pulmonale is broadly defined by altered RV structure and/or function in the context of chronic lung disease

Question Label : Multiple Choice Question

Which of the following is *untrue* about cardiomyopathies ?

Options :

1. ✔ Magnetic resonance imaging is increasingly used for the diagnosis of myocarditis, which is evidenced by increased tissue edema and gadolinium enhancement particularly in the sub endocardium

2. ✖ Most familial cardiomyopathies are inherited in an autosomal dominant pattern

3. ✖ Acute viral myocarditis often presents with symptoms and signs of heart failure

4. ✖ Cardiomyopathy is disease of the heart muscle

Question Label : Multiple Choice Question

Most common cause of death in world :

Options :

1. ✗ Cancer

2. ✓ Ischemic Heart Disease

3. ✗ Chronic obstructive airway disease

4. ✗ Stroke

Question Number : 54 Question Id : 59345211401 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Examples of non-communicable disease are all except :

Options :

1. ✗ Hypertension

2. ✗ Diabetes Mellitus

3. ✗ Cancer

4. ✓ Tuberculosis

Question Number : 55 Question Id : 59345211402 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 normal hearts, oxygenated blood is pumped by which chamber into systemic circulation by :

Options :

1. ✖ Right ventricle

2. ✖ Left atrium

3. ✔ Left ventricle

4. ✖ Right atrium

Question Number : 56 Question Id : 59345211403 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Cardinal symptoms of cardiac disease are all except :

Options :

1. ✖ Chest pain

2. ✖ Shortness of breath

3. ✖ Palpitations

4. ✔ Abdominal pain

Question Number : 57 Question Id : 59345211404 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Risk factors for Heart Failure are :

Options :

1. ✖ Diabetes Mellitus

2. ✖ Hypertension

3. ✖ Chronic kidney disease

4. ✔ All of the three

Question Number : 58 Question Id : 59345211405 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Angina is related to which organ ?

Options :

1. ✖ Brain

2. ✖ Kidney

3. ✔ Heart

4. ✖ Liver

Question Number : 59 Question Id : 59345211406 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Primary prevention for ischemic heart disease includes all except :

Options :

1. ✖ Optimal blood pressure control

2. ✖ Optimal management of diabetes mellitus

3. ✖ Cessation of smoking

4. ✔ Weight gain

Question Number : 60 Question Id : 59345211407 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Number of chambers in normal heart :

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

Options :

1. 2

2. 3

3. 4

4. 5

Question Number : 61 Question Id : 59345211408 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following test are done in case of heart attack except :

Options :

1. ✖ Electrocardiography

2. ✖ Echocardiography

3. ✖ Coronary Angiography

4. ✔ Abdominal ultrasonography

Question Number : 62 Question Id : 59345211409 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

CPR in medical term stands for :

Options :

1. ✖ Cardio-Pulmonary Rescue

2. ✖ Cardio-Pulmonary Revival

3. ✔ Cardio-Pulmonary Resuscitation

4. ✖ Cardio-Pulmonary Retrieval

Question Number : 63 Question Id : 59345211410 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Normal Pulse rate at rest ranges :

Options :

1. ✔ 60-100/minute

2. ✖ 20-40/minute

3. ✖ 100-150/minute

4. ✖ 150-180/minute

Question Number : 64 Question Id : 59345211411 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

First investigation which should be done in a patient with severe chest pain :

Options :

1. ✔ Electrocardiography

2. ✖ Echocardiography

3. ✖ Coronary Angiography

4. ✖ Abdominal ultrasonography

Question Number : 65 Question Id : 59345211412 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

TIMI risk score (NSTE-ACS) includes all the following except :

Options :

1. ✖ 65 yrs or more

2. ✖ Three or more CAD risk factors

3. ✖ Two or more angina episodes in prior 24 hrs

4. ✔ Beta blocker use within 30 days

Question Label : Multiple Choice Question

Which of the following is implicated in the pathogenesis of Takotsubo cardiomyopathy ?

Options :

1. ✖ Adenosine

2. ✖ Prolactin

3. ✔ Epinephrine

4. ✖ Serotonin

Question Label : Multiple Choice Question

All of the following atherosclerotic plaque characteristics indicate increased vulnerability to rupture except ?

Options :

1. ✖ Increased macrophage infiltration

2. ✖ Thin fibrous cap

3. ✔ Increased number of smooth muscle cells

4. ✖ Large necrotic core

Question Number : 68 Question Id : 59345211415 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ticagrelor affects which one of the following ?

Options :

1. ✖ Cyclo Oxygenase-I

2. ✖ Platelet binding to fibrinogen

3. ✖ Synthesis of thromboxane A2

4. ✔ ADP induced platelet aggregation

Question Number : 69 Question Id : 59345211416 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 physical finding may be seen in patients with left ventricular failure ?

Options :

1. ✔ Pulsus Alternans

2. ✖ Corrigan pulse

3. ✖ Pulsus bisferiens

4. ✖ Pulsus tardus

Question Number : 70 Question Id : 59345211417 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which is the most important predictor of hemodynamic consequences of a pericardial effusion ?

Options :

1. ✖ Pericardial thickness

2. ✖ Volume of pericardial fluid

3. ✔ Rate of accumulation

4. ✖ Patients age

Question Number : 71 Question Id : 59345211418 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

McConnell's sign is an echocardiographic manifestation of which of the following condition ?

Options :

1. ✖ Cardiac tamponade

2. ✖ Constrictive pericarditis

3. ✔ Acute pulmonary embolism

4. ✖ Restrictive cardiomyopathy

Question Number : 72 Question Id : 59345211419 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 feature of metabolic syndrome ?

Options :

1. ✔ High HDL

2. ✖ Glucose intolerance

3. ✖ Hypertriglyceridemia

4. ✖ Predominance of small dense LDL

Question Number : 73 Question Id : 59345211420 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 right atrial pressure tracing, X descent occurs during :

Options :

1. ✔ Atrial diastole

2. ✖ Atrial systole

3. ✖ Ventricular diastole

4. ✖ Tricuspid valve opening

Question Number : 74 Question Id : 59345211421 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 HOCM post extrasystolic beat produces which of the following ?

Options :

1. ✖ Increase in aortic pressure

2. ✖ Fall in LV systolic pressure

3. ✔ Fall in aortic pressure

4. ✖ Increase in stroke volume

Question Number : 75 Question Id : 59345211422 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 reversible inhibitor of P2Y12 receptor ?

Options :

1. ✔ Ticagrelor

2. ✖ Clopidogrel

3. ✖ Prasugrel

4. ✖ Ticlopidine

Question Number : 76 Question Id : 59345211423 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 finding is the most specific for the diagnosis of pericardial tamponade ?

Options :

1. ✖ Right atrial diastolic collapse

2. ✖ Inferior venacava plethora

3. ✔ Right ventricular diastolic collapse

4. ✖ Size of pericardial effusion

Question Number : 77 Question Id : 59345211424 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 is *true* regarding involvement of papillary muscle in coronaryartery disease ?

Options :

1. ✔ Posteromedial papillary muscle is more frequently involved

2. ✖ Anterolateral papillary muscle is more frequently involved

3. ✖ Posteromedial papillary muscle & Anterolateral papillary muscle both are equally involved

4. ✖ Posteromedial papillary muscle has dual blood supply

Question Number : 78 Question Id : 59345211425 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 most common cause of cardiac metastasis ?

Options :

1. ✖ Renal cell carcinoma

2. ✔ Lung cancer

3. ✖ Hematological malignancies

4. ✖ Breast Cancer

Question Number : 79 Question Id : 59345211426 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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* an ECG manifestation of Hyperkalemia ?

Options :

1. ✖ Tall peaked T waves

2. ✔ QT prolongation

3. ✖ Sine wave pattern

4. ✖ QRS prolongation

Question Number : 80 Question Id : 59345211427 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Idarucizumab is used as a reversal agent for which of the following ?

Options :

1. ✖ Apixaban

2. ✖ Endoxaban

3. ✖ Rivaroxaban

4. ✔ Dabigatran

Question Number : 81 Question Id : 59345211428 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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* true regarding diastolic heart sounds ?

Options :

1. ✖ Opening snap is a high pitched sound

2. ✅ Pericardial knock is a low pitched early diastolic sound

3. ❌ Left sided S3 is a low pitched sound

4. ❌ Tumor "Plop" rarely is heard with atrial myxoma

Question Number : 82 Question Id : 59345211429 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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* correct regarding Omecamtiv mecarbil ?

Options :

1. ❌ Cardiac myosin activator

2. ❌ Increase cardiac output

3. ✅ Decrease systolic ejection time

4. ❌ Increase stroke volume

Question Number : 83 Question Id : 59345211430 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 synchorised shock is used for all cardioversions except :

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

Options :

1. Atrial flutter

2. Atrial fibrillation

3. Ventricular tachycardia

4. Ventricular fibrillation

Question Number : 84 Question Id : 59345211431 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

MAVACAMTEN mechanism of action is :

Options :

1. ✔ Cardiac myosin inhibitor

2. ✖ Cardiac myosin activator

3. ✖ Neprilysin inhibitor

4. ✖ ATP activator

Question Number : 85 Question Id : 59345211432 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :
None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Phase '0' (zero) of Cardiac muscle action potential is :

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

Options :

1. Delayed rectifier K$^+$ channel

2. Opening of Ca^{++} channel

3. Fast Na$^+$ channel

4. Delayed Ca^{++} channel

Question Number : 86 Question Id : 59345211433 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :
None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On
Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Difficulty in breathing in supine position is known as :

Options :

1. ✖ Platypnea

2. ✖ Orthodeoxia

3. ✔ Orthopnea

4. ✖ Paroxymal nocturnal dyspnea

Question Number : 87 Question Id : 59345211434 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Mechanism of action of bempedoic acid is :

Options :

1. ✖ HMG-CoA reductase inhibitor

2. ✔ ATP citrate lyase inhibitor

3. ✖ Bile acid sequestrants

4. ✖ ATP citrate lyase stimulator

Question Number : 88 Question Id : 59345211435 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

White coat phenomenon is associated with which condition ?

Options :

1. ✖ Diabetes

2. ✖ Dyslipidemia

3. ✔ Hypertension

4. ✖ Obesity

Question Number : 89 Question Id : 59345211436 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Selexipag is used for treatment of :

Options :

1. ✖ Heart failure with reduced ejection fraction

2. ✖ Heart failure with preserved ejection fraction

3. ✔ Pulmonary hypertension

4. ✖ Obstructive sleep apnoea

Question Number : 90 Question Id : 59345211437 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Familial hypercholesterolemia is inherited as :

Options :

1. ✖ Autosomal recessive

2. ✔ Autosomal dominant

3. ✖ Co-dominance

4. ✖ Complete dominance

Question Number : 91 Question Id : 59345211438 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Defect in Down's syndrome is :

Options :

1. ✔ Trisomy

2. ✖ Monosomy

3. ✖ Deletion

4. ✖ Inverse duplication

Question Number : 92 Question Id : 59345211439 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Resting membrane potential of healthy myocardial cell is :

Options :

1. ✔ 90 mV

2. ✖ 60 mV

3. ✖ 70 mV

4. ✖ 50 mV

Question Number : 93 Question Id : 59345211440 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 *not* the diagnostic criteria of metabolic syndrome ?

Options :

1. ✖ Blood pressure more than equal to 130/85

2. ✖ Triglyceride > 150 mg/dl

3. ✖ HDL < 40

4. ✔ LDL > 100

Question Number : 94 Question Id : 59345211441 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most common cause of valvular heart disease in India is :

Options :

1. ✖ Degenerative

2. ✔ Rheumatic

3. ✖ Ischemic

4. ✖ Connective tissue disease

Question Number : 95 Question Id : 59345211442 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Smooth layer of endothelial cells that line the inner surface of heart and heart valve is called :

Options :

1. ✖ Interventricular septum

2. ✓ Endocardium

3. ✗ Myocardium

4. ✗ Pericardium

Question Number : 96 Question Id : 59345211443 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 65-years-old diabetic man with a previous history of myocardial infarction 3 years ago (no intervention required) is found to have atrial fibrillation. His LVEF is 55% and he has no cardiovascular symptoms. What would you advise him with regard to the best thromboprophylaxis ?

Options :

1. ✗ High-dose aspirin

2. ✗ Aspirin and clopidogrel

3. ✗ Aspirin and warfarin

4. ✓ Warfarin

Question Number : 97 Question Id : 59345211444 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control 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 hypertensive patient presents to the emergency with chest pain. The pain came on very suddenly in the left chest whilst he was lifting a heavy plant pot. The pain is difficult to localize. The intensity has been constant and remains persistent. En route to hospital it has changed location to the left side of the lower thoracic back. He has recently had treatment for thoracic back pain from a physiotherapist. He is sweating (looks unwell) and anxious but has no shortness of breath. Blood pressure is 160/90 mmHg, heart rate is 100 bpm and saturations are 99% on room air. The ECG does not show acute ST change. D-dimer is 1700 ng/mL, (normal < 500 ng/mL) and troponin is awaited. Based on the information available, what is the most likely diagnosis ?

Options :

1. ✖ Acute coronary syndrome

2. ✖ Pulmonary embolism

3. ✔ Acute aortic syndrome

4. ✖ Musculoskeletal pain

Question Number : 98 Question Id : 59345211445 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One of your patients has small vessel coronary disease which is not suitable for revascularization. They are still experiencing class 2 angina particularly in the evening despite metoprolol 50 mg od. Blood pressure is 135/90 mmHg. What would you recommend next ?

Options :

1. ✔ Amlodipine

2. ✖ Nitrates

3. ✖ Nicorandil

4. ✖ Ranolazine

Question Number : 99 Question Id : 59345211446 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements is *true* regarding non-ST elevation acute coronary syndromes (NSTE-ACS) compared with ST elevation myocardial infarctions (STEMI) ?

Options :

1. ✖ Initial mortality of NSTE-ACS is higher

2. ✖ Six-month mortality of STEMI is higher

3. ✔ Long-term mortality of NSTE-ACS is higher

4. ✖ STEMI patients are older with more comorbidity

Question Number : 100 Question Id : 59345211447 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

You are completing the discharge summary for a patient who has undergone primary angioplasty with a bare metal stent for an anterior myocardial infarction. The patient questions you regarding the duration of antiplatelets. What do you advise ?

Options :

1. ✔ Dual antiplatelets for 12 months and then aspirin long term

2. ✘ Dual antiplatelets for 3 months and then aspirin long term

3. ✘ Dual antiplatelets for 1 month and then aspirin long term

4. ✘ Ticagrelor alone is adequate long term