

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 :	653 11th April 2021 Shift 2
Subject Name :	653
Creation Date :	2021-04-11 19:03:28
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_Pediatrics

Group Number :	1
Group Id :	509398120
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 : 509398178

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 : 509398205

Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 50939814223 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Generalised conclusion on the basis of a sample is technically known as :

एक नमूने के आधार पर सामान्यीकृत निष्कर्ष तकनीकी रूप से जाना जाता है :

Options :

1.  Statistical inference
सांख्यिकीय निष्कर्ष

2.  Descriptive statistic
वर्णनात्मक आँकड़ा

3.  Data analysis and interpretation
डेटा विश्लेषण और व्याख्या

4.  All of the three
तीनों में सभी

Question Number : 2 Question Id : 50939814224 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The protocol of asking pre-meditated questions in instruments of data collection is :

समंक संग्रह के उपकरणों में पूर्व-मध्यस्थता प्रश्न पूछने का प्रोटोकॉल है :

Options :

1.  Structured
संरचनात्मक

2.  Unstructured
असंरचित

3.  Free-rein
फ्री-रेन

4.  Systematic
व्यवस्थित

Question Number : 3 Question Id : 50939814225 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Survey research is cross-sectional and therefore :

सर्वेक्षण अनुसंधान पार-अनुभागीय है और इसलिए :

Options :

1.  High in replicability but low in internal validity
प्रतिकृति में उच्च लेकिन आंतरिक वैधता में कम

2.  High in internal validity but low in reliability
आंतरिक वैधता में उच्च लेकिन विश्वसनीयता में कम

3.  High in ecological validity but low in external validity
पारिस्थितिक वैधता में उच्च लेकिन बाहरी वैधता में कम

None of the three

4. ✖ तीनों में से कोई नहीं

Question Number : 4 Question Id : 50939814226 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Testing hypothesis is a
परिकल्पना परीक्षण है

Options :

1. ✔ Inferential statistics
आनुमानिक सांख्यिकी

2. ✖ Descriptive statistics
वर्णनात्मक सांख्यिकी

3. ✖ Data preparation
समंक का अयोजन

4. ✖ Data analysis
समंक का विश्लेषण

Question Number : 5 Question Id : 50939814227 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Inductive logic proceeds from :
आगमनात्मक तर्क अग्रसर होता है :

Options :

1. ✖ General to General
सामान्य से सामान्य

2. ✔ Particular to General
विशेष से सामान्य

General to Particular

3. ✖ सामान्य से विशेष

Particular to Particular

4. ✖ विशेष से विशेष

Question Number : 6 Question Id : 50939814228 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The sampling technique based on referral system of respondents is known as :

उत्तरदाताओं की रेफरल प्रणाली पर आधारित प्रतिचयन तकनीक को जाना जाता है :

Options :

Convenience Sampling

1. ✖ सुविधा प्रतिचयन

Snowball Sampling

2. ✔ स्नोबॉल प्रतिचयन

Cluster Sampling

3. ✖ समूह प्रतिचयन

Stratified Sampling

4. ✖ स्तरीकृत प्रतिचयन

Question Number : 7 Question Id : 50939814229 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Analysing the impact of demonetization on economic growth falls under which category of research ?

आर्थिक विकास पर नोटबंदी के प्रभाव का विश्लेषण किस शोध या अनुसंधान श्रेणी के अन्तर्गत आता है ?

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

candidates.

Options :

1. Descriptive Research
वर्णनात्मक शोध
2. Fundamental Research
मौलिक शोध
3. Pure Research
शुद्ध शोध
4. Casual Research
कारणात्मक शोध

Question Number : 8 Question Id : 50939814230 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Likert scaling is based on :
लिकर्ट पैमाना आधारित है :

Options :

1.  Item-wise scale
पद-क्रम पैमाने पर
2.  Summative scale
योगात्मक पैमाने पर
3.  Reflective scale
परावर्तक पैमाने पर
4.  Formative scale
प्रारंभिक पैमाने पर

Question Number : 9 Question Id : 50939814231 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A research design appropriate for a particular research problem, usually involves the consideration of the following factors :

एक शोध रूपरेखा एक विशेष शोध समस्या के लिए उपयुक्त होती है, जिसमें सामान्यतया निम्नलिखित कारकों पर विचार किया जाता है :

- (a) The means of obtaining information
सूचना प्राप्त करने का साधन
- (b) The availability and skills of the researcher
शोधकर्ता की उपलब्धता और कौशल
- (c) The nature of the problem to be studied
अध्ययन की जाने वाली समस्या की प्रकृति
- (d) The availability of time and money for the research work
शोध कार्य के लिए समय और धन की उपलब्धता

Options :

(a), (b) and (d)
1. ✖ (a), (b) और (d)

(a), (b) and (c)
2. ✖ (a), (b) और (c)

(a), (b), (c) and (d)
3. ✔ (a), (b), (c) और (d)

(b), (c) and (d)
4. ✖ (b), (c) और (d)

Question Number : 10 Question Id : 50939814232 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

SHODHGANGOTRI is :
SHODHGANGOTRI है :

Options :

1. ✖ Database of articles
लेखों का डेटाबेस
2. ✖ Database of thesis & dissertation
थीसिस और शोध प्रबंध का डेटाबेस
3. ✔ Database of research synopsis
रिसर्च सिनोप्सिस का डेटाबेस
4. ✖ Database of experts
विशेषज्ञों का डेटाबेस

Question Number : 11 Question Id : 50939814233 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements about random sampling method is *not* true ?
यादृच्छिक न्यादर्श पद्धति के बारे में निम्नलिखित में से क्या सत्य *नहीं* है ?

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

Options :

1. In this methods, each unit has equal chance to be selected.
इस पद्धति में प्रत्येक इकाई के चयनित होने का समान अवसर होता है।
2. Each sample has equal chance of selection.
प्रत्येक प्रतिदर्श के चयन की सम्भावना समान होती है।
3. It is free from personal prejudices and bias
यह व्यक्तिगत पूर्वधारणाओं और पक्षपातों से रहित होता है।
4. This method is very simple to use
यह पद्धति प्रयोग करने में बेहद आसान है।

Question Number : 12 Question Id : 50939814234 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The English word 'Research' derives its origin from :

अंग्रेजी शब्द 'रिसर्च' (शोध) की व्युत्पत्ति है :

Options :

- 1. ✖ Latin
लैटिन
- 2. ✔ French
फ्रेंच
- 3. ✖ German
जर्मन
- 4. ✖ Italian
इटालियन

Question Number : 13 Question Id : 50939814235 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following approach uses the study of groups to identify general laws that apply to a large group of people ?

इनमें से कौ-सा दृष्टिकोण लोगों के बड़े समूह पर लागू होने वाले सामान्य नियमों की पहचान करने के लिए 'समूहों के अध्ययन' का उपयोग करता है ?

Options :

- 1. ✖ Idiographic Approach
इडियोग्राफिक (वस्तुपरक) दृष्टिकोण
- 2. ✔ Nomothetic Approach
नोमोथेटिक (सिद्धान्तपरक) दृष्टिकोण
- 3. ✖ Empirical Approach
अनुभवजन्य दृष्टिकोण

Question Number : 14 Question Id : 50939814236 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In the context of Research Process, the following operational steps are taken in certain order :

अनुसंधान प्रक्रिया के संदर्भ में, निम्नलिखित परिचालन चरण एक निश्चित क्रम में उठाए जाते हैं :

- (A) Conceptualising the research design
अनुसंधान अभिकल्प की अवधारणा।
- (B) Formulating a research problem
शोध समस्या का गठन।
- (C) Selecting a sample
प्रतिदर्श का चयन।
- (D) Constructing an instrument for data collection
डेटा संग्रह के लिए अनुसंधान साधन का निर्माण।

Which of the following options represents the correct order ?

निम्नलिखित में से कौन-सा विकल्प सही क्रम का प्रतिनिधित्व करता है ?

Options :

- 1. ✔ B, A, D, C
- 2. ✖ B, D, A, C
- 3. ✖ B, C, A, D
- 4. ✖ B, C, D, A

Question Number : 15 Question Id : 50939814237 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Impact factor of a journal is defined as :

किसी जर्नल के प्रभाव कारक (Impact factor) को इस प्रकार परिभाषित किया गया है :

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

Options :

It is the monthly average number of citations that articles published in the last twelve months in a given journal received

यह किसी दिए गए जर्नल में पिछले बारह महीनों में प्रकाशित लेखों की मासिक औसत उद्धरण संख्या है

1.

It is the yearly average number of citations that articles published in the last four years in a given journal received

यह दी गई पत्रिका में पिछले चार वर्षों में प्रकाशित लेखों की वार्षिक औसत उद्धरण संख्या है

2.

It is the yearly average number of citations that articles published in the last two years in a given journal received

यह किसी दिए गए जर्नल में पिछले दो वर्षों में प्रकाशित लेखों की वार्षिक औसत उद्धरण संख्या है

3.

It is the yearly average number of citations that articles published in the last five years in a given journal received

यह दी गई पत्रिका में पिछले पाँच वर्षों में प्रकाशित लेखों की वार्षिक औसत उद्धरण संख्या है

4.

Question Number : 16 Question Id : 50939814238 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The three basic principles of experimental design are :

प्रयोगात्मक योजना के तीन मूलभूत सिद्धान्त हैं :

Options :

Replication, randomization and Substitution

1. ✖ रेप्लीकेशन, रैन्डमाइजेशन एवं सब्स्टीट्यूशन

Replication, randomization, and local control

2. ✔ रेप्लीकेशन, रैन्डमाइजेशन एवं लोकल कंट्रोल

Substitution, replication and local control

3. ✖ सबस्टीट्यूशन, रेप्लीकेशन एवं लोकल कंट्रोल

Substitution, randomization and local control

4. ✖ सबस्टीट्यूशन, रैन्डमाइजेशन एवं लोकल कंट्रोल

Question Number : 17 Question Id : 50939814239 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Differences in the means of more than two treatments are analysed by :

दो से अधिक उपचारों के माध्य में विभेद का विश्लेषण किया जाता है :

Options :

Simple t-test

1. ✖ साधारण टी-परीक्षण

Chi square test

2. ✖ काई स्क्वायर परीक्षण

F-test

3. ✔ एफ-परीक्षण

Paired sample t-test

4. ✖ युग्मित सैम्पल टी-टेस्ट

Question Number : 18 Question Id : 50939814240 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is *not* a method of research ?

निम्नलिखित में से कौन शोध की एक विधि *नहीं* है ?

Options :

1. ✖ Survey
सर्वेक्षण
2. ✖ Historical
ऐतिहासिकता
3. ✔ Observation
अवलोकन
4. ✖ Philosophical
दार्शनिकता

Question Number : 19 Question Id : 50939814241 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following graphical presentation is two dimensional ?
निम्न में से कौन अरेखीय प्रस्तुतीकरण दो अक्षीय है ?

Options :

1. ✖ Pie chart
पाई चार्ट
2. ✖ Bar chart
दण्ड आरेख
3. ✔ Histogram
आयत चित्र
4. ✖ Box plot
बॉक्स प्लॉट

Question Number : 20 Question Id : 50939814242 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Correlational Research can be classified from the perspectives of :

सह-संबंध अनुसंधान को किस दृष्टिकोण के आधार पर वर्गीकृत किया जा सकता है ?

Options :

Applications of the findings of the research study.

1. ✖ शोध अध्ययन के निष्कर्षों के अनुप्रयोग के आधार पर।

Objectives of the research study.

2. ✔ शोध अध्ययन के उद्देश्य के आधार पर।

Mode of enquiry used in conducting the study.

3. ✖ अध्ययन के संचालन में उपयोग की जाने वाली जांच के तरीके के आधार पर।

Outcome of the research.

4. ✖ शोध के परिणाम के आधार पर।

Question Number : 21 Question Id : 50939814243 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A researcher might want to examine the reactions of the general population towards people in wheelchairs. He/She can study their reactions by sitting in a wheelchair himself/herself. Such method of collecting data is known as :

एक शोधकर्ता व्हीलचेयर में बैठे लोगों के प्रति सामान्य आबादी की प्रतिक्रियाओं की जांच करना चाहता है। वह स्वयं व्हीलचेयर में बैठकर उनकी प्रतिक्रियाओं का अध्ययन कर सकता है। डेटा एकत्र करने की इस विधि को किस रूप में जाना जाता है ?

Options :

Disguised Observation

1. ✖ प्रच्छन्न अवलोकन

Participant Observation

2. ✔ प्रतिभागी अवलोकन

Non-Participant Observation

3. ✖ गैर-प्रतिभागी अवलोकन

Self Recording Observation

4. ✖ स्वयं रिकॉर्डिंग अवलोकन

Question Number : 22 Question Id : 50939814244 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is are citation/reference style(s) ?

निम्नलिखित में से कौन उद्धरण/संदर्भ विधि (विधियाँ) है/हैं ?

- (A) American Physical Association
अमेरिकन फिजिकल एसोसिएशन
- (B) Modern Linguistic Association
मॉडर्न लिंग्विस्टिक एसोसिएशन
- (C) Oxford Standard for the Citation of Language Association
ऑक्सफोर्ड स्टैंडर्ड फॉर द साइटेशन ऑफ लैंग्वेज एसोसिएशन
- (D) Vancouver
वैंकूवर

Choose the correct answer from the codes given below :

निम्नलिखित में से कौन-सा सही कूट है :

Options :

- (a), (b), (c) and (d)
- 1. ✖ (a), (b), (c) और (d)
- (a), (b) and (c)
- 2. ✖ (a), (b) और (c)
- (a) and (d)
- 3. ✖ (a) और (d)
- (d) only
- 4. ✔ केवल (d)

Question Number : 23 Question Id : 50939814245 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One-way ANOVA is used to :

एक-तरफा एनोवा का उपयोग किया जाता है :

Options :

Determine whether there is any statistically significant difference between the means of single independent group before and after intervention

यह निर्धारित करता है कि क्या एक स्वतंत्र समूह में हस्तक्षेप के पहले और बाद के माध्य (mean) के बीच कोई सांख्यिकीय महत्वपूर्ण अंतर है

1. ✖

Determine whether there are any statistically significant differences between the medians of two or more independent groups

यह निर्धारित करता है कि क्या दो या अधिक स्वतंत्र समूहों के मध्यस्थों के बीच कोई सांख्यिकीय महत्वपूर्ण अंतर है

2. ✖

Determine whether there are any statistically significant differences between the means of two or more independent/unrelated groups

यह निर्धारित करता है कि क्या दो या अधिक स्वतंत्र/असंबंधित समूहों के माध्य (mean) के बीच कोई सांख्यिकीय महत्वपूर्ण अंतर है या नहीं

3. ✔

Determine whether there are any statistically significant differences between the squared means of two or more independent group

निर्धारित करता है कि क्या दो या अधिक स्वतंत्र समूहों के वर्ग माध्य (squared mean) के बीच कोई सांख्यिकीय महत्वपूर्ण अंतर है या नहीं

4. ✖

Question Number : 24 Question Id : 50939814246 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following principles of experimental design have been enumerated by Professor R. A. Fisher ?

प्रायोगिक डिजाइन के निम्नलिखित सिद्धान्तों में से कौन-कौन से सिद्धान्त प्रोफेसर आर० ए० फिशर द्वारा गिनाए गए हैं ?

- (a) Principle of Revision
संशोधन का सिद्धान्त
- (b) Principle of Replication
प्रतिकृति का सिद्धान्त
- (c) Principle of Randomization
यादृच्छिकीकरण का सिद्धान्त
- (d) Principle of Local Control
स्थानीय नियंत्रण का सिद्धान्त

Choose the correct answer from the codes given below :

नीचे दिए गए कोड में से सही उत्तर चुनें :

Options :

- (a), (b) and (c)
(a), (b) और (c)

1. ✖

- (a), (b) and (d)
(a), (b) और (d)

2. ✖

- (b) (c) and (d)
(b) (c) और (d)

3. ✔

- (a), (c) and (d)
(a), (c) और (d)

4. ✖

Question Number : 25 Question Id : 50939814247 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

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

कथन A और B पढ़ें और सही विकल्प चुनें :

Statement A : Exploratory research studies are also termed as formulative research studies.

कथन A : अन्वेषणात्मक शोध अध्ययनों को प्रारंभिक शोध अध्ययन भी कहा जाता है।

Statement B : Exploratory research study is undertaken with the objective either to explore an area where little is known or to investigate the possibilities of undertaking a particular research study.

कथन B : अन्वेषणात्मक शोध अध्ययन का उद्देश्य किसी ऐसे विषय में शोध करना जिसके बारे में बेहद कम जानकारी उपलब्ध हो या किसी खास विषय के बारे में शोध अध्ययन करने की संभावनाओं का पता लगाना होता है।

Options :

Both the statements are true.

1. ✔ दोनों कथन सत्य हैं।

Both the statements are false.

2. ✖ दोनों कथन असत्य हैं।

Statement A is true but B is false.

3. ✖ कथन A सत्य है लेकिन B गलत है।

Statement B is true but A is false.

4. ✖ कथन B सत्य है लेकिन A गलत है।

Question Number : 26 Question Id : 50939814248 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following are the online anti-plagiarism software ?

निम्नलिखित में से कौन-से ऑनलाइन एंटी-प्लेजिरिज्म सॉफ्टवेयर हैं :

- (a) Urkund
उरकुंड
- (b) Overleaf
ओवरलीफ
- (c) Turnitin
टर्नितिन
- (d) Viper
वाईपर

Choose the correct answer from the codes given below :

नीचे दिए गए कोड में से सही उत्तर चुनें :

Options :

- (a), (b) and (c)
- 1. ✖ (a), (b) और (c)
- (a), (b) and (d)
- 2. ✖ (a), (b) और (d)
- (a), (c) and (d)
- 3. ✔ (a), (c) और (d)
- (a) and (c)
- 4. ✖ (a) और (c)

Question Number : 27 Question Id : 50939814249 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Whether a test is one-sided or two-sided depends on :

क्या एक परीक्षण एकतरफा है या दो तरफा है :

Options :

1. ☒ alternative hypothesis
वैकल्पिक परिकल्पना
2. ☐ null and alternate both
शून्य और वैकल्पिक दोनों
3. ☐ null hypothesis
अशक्त परिकल्पना
4. ☐ either by null or by alternate
या तो शून्य या वैकल्पिक द्वारा

Question Number : 28 Question Id : 50939814250 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which measure of dispersion do not depends on all observations ?
फेलाव का कौन सा माप सभी अवलोकनों पर निर्भर नहीं करता है ?

Options :

1. ☐ Root mean & square deviation
मूल माध्य और वर्ग विचलन
2. ☐ Mean deviation
माध्य विचलन
3. ☒ Quartile deviation
चतुर्थक विचलन
4. ☐ Standard deviation
मानक विचलन

Question Number : 29 Question Id : 50939814251 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

If r is the simple correlation coefficient, the quantity r^2 is termed as :

यदि r सरल सहसंबंध गुणांक है, तो मात्र r^2 को निम्न के रूप में कहा जाता है :

Options :

- 1. ✖ Coefficient of alienation
परकीयकरण का गुणांक
- 2. ✖ Coefficient of variation
भिन्नता का गुणांक
- 3. ✔ Coefficient of determination
दृढ़ संकल्प का गुणांक
- 4. ✖ Coefficient of non-determination
गैर-निर्धारण का गुणांक

Question Number : 30 Question Id : 50939814252 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A Scattergram is extremely effective :

एक स्कैटरग्राम अत्यंत प्रभावी है :

Options :

- 1. ✔ to show visually how two variables are covering
नेत्रहीन दिखाने के लिए कि दो चर कैसे ढकते हैं
- 2. ✖ in organising the scattered footnotes of the research.
शोध के बिखरे पांवों को व्यवस्थित करने में।
- 3. ✖ in organising the scattered bibliography of the research.
शोध की बिखरी हुई ग्रंथ सूची के आयोजन में।
- 4. ✖ in organising the scattered results drawn after the rigorous literature review.
कठोर साहित्य समीक्षा के बाद निकाले गए बिखरे परिणामों को व्यवस्थित करने में।

Question Number : 31 Question Id : 50939814253 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The conclusions/findings of which type of research can *not* be generalized to other situations ?

किस प्रकार के शोध के निष्कर्ष को दूसरी परिस्थितियों में सामान्यीकृत **नहीं** किया जा सकता है ?

Options :

1. ✖ Casual Comparative Research
कारणात्मक तुलनात्मक शोध

2. ✖ Historical Research
ऐतिहासिक शोध

3. ✔ Descriptive Research
विवरणात्मक शोध

4. ✖ Experimental Research
प्रायोगिक शोध

Question Number : 32 Question Id : 50939814254 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one is called non-probability sampling ?

निम्नलिखित में से कौन गैर-प्रायिकता प्रतिचयन कहा जाता है ?

Options :

1. ✔ Quota sampling
कोटा प्रतिचयन

2. ✖ Cluster sampling
गुच्छ प्रतिचयन

3. ✖ Systematic sampling
सुनियोजित/व्यवस्थित प्रतिचयन

4. ✖ Stratified random sampling
स्तरित यादृच्छिक प्रतिचयन

Question Number : 33 Question Id : 50939814255 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In an experimental design, the dependent variable is :

एक प्रयोगात्मक प्रारूप में निर्भर चर वो होता है जिसे/जिसमें :

Options :

The one that is not manipulated and in which any changes are observed

कोई परिवर्तन/छेड़छाड़ नहीं की जाती और जिसमें होने वाले परिवर्तन की समीक्षा की जाती है।

1. ✓

The one that is manipulated in order to observe any effects on the other

परिवर्तन किया जाता है जिससे दूसरों में होने वाले परिवर्तन की समीक्षा की जाए।

2. ✖

A measure of the extent to which personal values affect research

किस प्रकार व्यक्तिगत मूल्य शोध को प्रभावित करते हैं उसके मापक के रूप में प्रयोग किया जाता है।

3. ✖

An ambiguous concept whose meaning depends on how it is defined

एक अस्पष्ट अवधारणा माना जा सकता है जिसका अर्थ इस पर निर्भर करता है कि उसे कैसे परिभाषित किया जाए।

4. ✖

Question Number : 34 Question Id : 50939814256 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

When a group of people with defined characteristics are followed up to determine incidence is known as :

घटना को निर्धारित करने के लिए परिभाषित विशेषताओं वाले लोगों के समूह को निम्न प्रकार से जाना जाता है :

Options :

Case series

केस सीरीज

1. ✖

2. ✓ Cohort
कोहोर्ट

3. ✗ Case control
केस नियंत्रण

4. ✗ Experimental
प्रायोगिक

Question Number : 35 Question Id : 50939814257 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In the process of conducting research, formulation of hypothesis is followed by :
अनुसंधान संचालन की प्रक्रिया में, उपकल्पना निर्माण का अनुसरण करता है :

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

Options :

Statement of objectives
उद्देश्यों का कथन
1.

Collection of data
तथ्यों का संकलन
2.

Analysis of data
तथ्यों का विश्लेषण
3.

Selection of research tools
अनुसंधान यंत्रों का चयन
4.

Question Number : 36 Question Id : 50939814258 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

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

निम्नलिखित में से कौन-सी विशेषतायें गुणात्मक शोध के लिए महत्वपूर्ण मानी जाती हैं ?

Options :

Collecting data with the help of standardized research tools.

1. ✖ मानकित शोध साधनों के के सहयोग से आंकड़ों का संग्रहण

Design sampling with probability sample techniques.

2. ✖ प्रायिकता प्रतिचयन तकनीकों के प्रयोग द्वारा प्रतिचयन प्रारूप का निर्धारण

Collecting data with bottom-up empirical evidence.

3. ✔ ऊर्ध्वगामी आनुभविक साक्ष्यों के प्रयोग से आंकड़ों का संग्रहण

Gathering data with top-down schematic evidence.

4. ✖ शीर्ष-पाद योजनाबद्ध साक्ष्यों के प्रयोग से आंकड़ों का संग्रहण

Question Number : 37 Question Id : 50939814259 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Among 25000 individual in a city, 105 were identified with Covid-19 positive. Calculate the prevalence of Covid-19 per 1000 population.

एक शहर में 25000 व्यक्तियों में, 105 कोविड-19 सकारात्मक के साथ इडेंट किए गए थे। प्रति 1000 जनसंख्या पर कोविड-19 की व्यापकता की गणना करें।

Options :

1. ✖ 5.2

2. ✔ 4.2

3. ✖ 3.2

4. ✖ 2.2

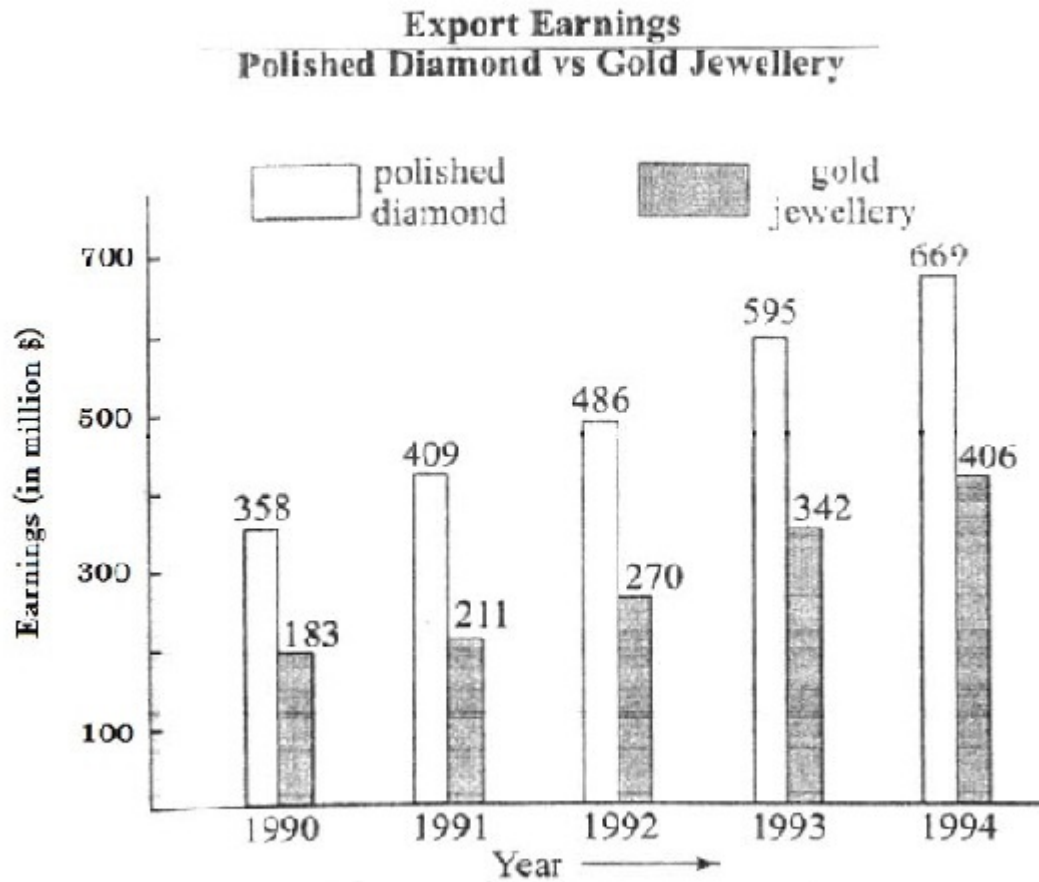
Question Number : 38 Question Id : 50939814260 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following multiple bar chart shows the export earnings from polished diamonds and gold jewellery. Study the chart and answer the question :

निम्नलिखित बहु बार चार्ट पालिशड हीरे और सोने के आभूषणों से निर्यात आय को दर्शाता है। चार्ट का अध्ययन करें और दिए गए प्रश्न का उत्तर दें :



What was average earning from gold jewellery over 1990 to 1994 ?
1990 से 1994 तक स्वर्ण आभूषण से औसत प्राप्ति क्या थी ?

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

Options :

- 503.4 Million
1. 503.4 मिलियन

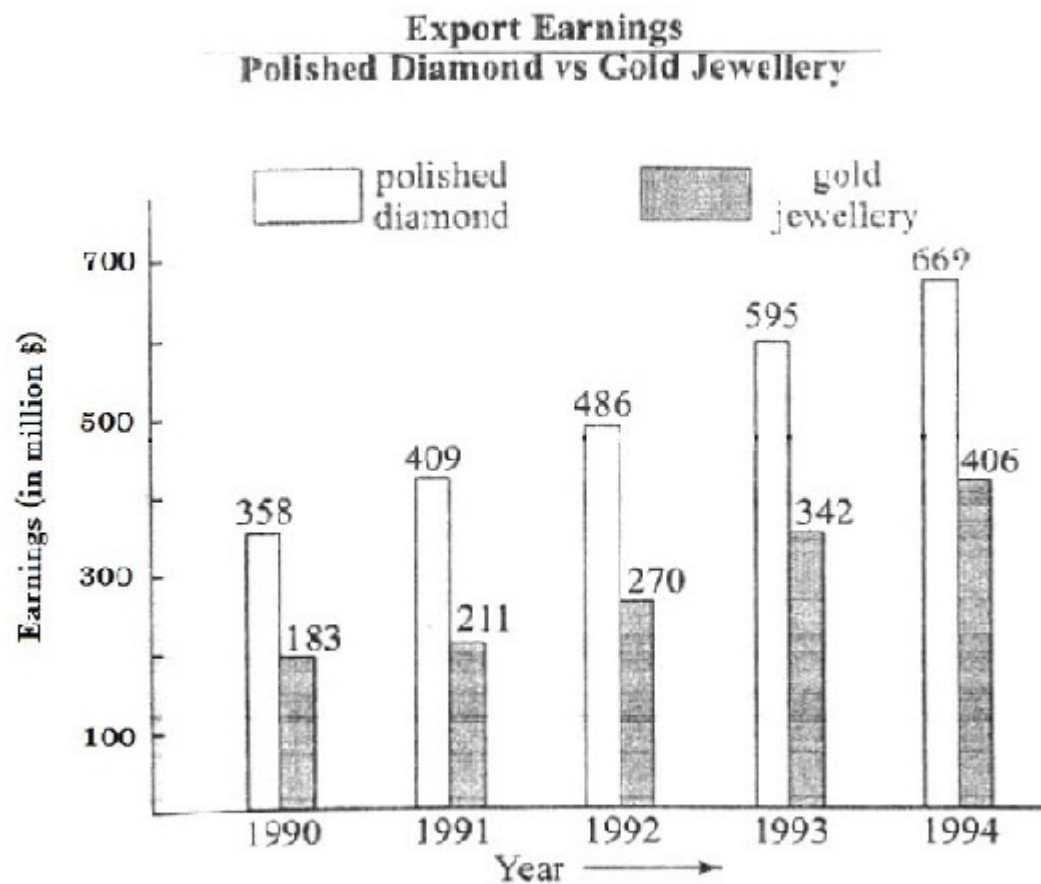
- 501.6 Million
2. 501.6 मिलियन
- 500 Million
3. 500 मिलियन
- 510 Million
4. 510 मिलियन

Question Number : 39 Question Id : 50939814261 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes
Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following multiple bar chart shows the export earnings from polished diamonds and gold jewellery. Study the chart and answer the question :

निम्नलिखित बहु बार चार्ट पालिशड हीरे और सोने के आभूषणों से निर्यात आय को दर्शाता है। चार्ट का अध्ययन करें और दिए गए प्रश्न का उत्तर दें :



In which year the difference of export earning of two types of jewellery is maximum ?
किस वर्ष में दो आभूषणों के निर्यात प्राप्ति का अन्तर अधिकतम था ?

Options :

1. ✓ 1994

2. ✗ 1993

3. ✗ 1991

4. ✗ 1992

Question Number : 40 Question Id : 50939814262 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Directions : Study the following table and answer the question given :

Production of different types of scooters in a company

निर्देश : निम्नलिखित तालिका का अध्ययन करें और दिए गए प्रश्न का उत्तर दें :
एक कंपनी में विभिन्न प्रकार के स्कूटर का उत्पादन

Figures in '000

Year	Type of scooters				
	A	B	C	D	E
1992	180	60	84	100	76
1993	210	90	32	80	48
1994	135	30	44	95	85
1995	190	85	69	125	115
1996	260	95	120	80	120
1997	240	140	161	90	185

What was the approximate percentage of production of A-type scooters in 1995 to its total production over the years ?

1995 में A-टाइप के स्कूटरों के उत्पादन का अनुमानित प्रतिशत इसके कुल उत्पादन से कितना था ?

Options :

1. ✗ 20

2. ✓ 15

3. ✗ 23

Subject_&_Area Concerned

Section Id :	509398179
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 :	509398206
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 50939814263 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Agensis of corpus callosum is caused by all of the following inborn error of metabolism
Except :

Options :

1. ✖ pyruvate dehydrogenase complex deficiency
2. ✖ Pyruvate carboxylase deficiency
3. ✖ Mitochondrial respiratory/electron transport chain defect
4. ✔ Methymalonic academia

Question Number : 42 Question Id : 50939814264 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Adrenal calcification in neonatal period is found in which of the following disease :

Options :

1. ☒ Wolman's disease
2. ☐ I- cell disease
3. ☐ Galactosaemia
4. ☐ Sialidosis

Question Number : 43 Question Id : 50939814265 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following inborn error of metabolism is associated with thrombocytopenia
Except :

Options :

1. ☐ Methymalonic academia
2. ☐ Propionic academia
3. ☐ Pearson syndrome
4. ☒ Abetalipoproteinemia

Question Number : 44 Question Id : 50939814266 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Typical cardiac defects in turner's syndrome include all of the following *Except :*

Options :

1. ☐ Bicuspid aortic valve

2. ✖ Coarctation of aorta
3. ✔ Subvalvular aortic stenosis
4. ✖ Mitral valve prolapse

Question Number : 45 Question Id : 50939814267 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

External anomalies of ears are often associated with abnormalities of which of the following system ?

Options :

1. ✖ Cardiovascular system
2. ✖ Respiratory system
3. ✖ Gastrointestinal system
4. ✔ Genitourinary system

Question Number : 46 Question Id : 50939814268 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Following are true about acute cauda-equina syndrome *Except* :

Options :

1. ✔ There is herniation of intervertebral disc between L3-L4.
2. ✖ Severe pain; usually asymmetrical of sacral root involvement
3. ✖ Saddle shaped anesthesia
4. ✖ Bladder and bowel incontinence

Question Number : 47 Question Id : 50939814269 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Following statements are true about cervical rib *Except* :

Options :

1. ✖ Only 10 % patients are symptomatic
2. ✖ Aneurysmal dilatation or subclavian artery stenosis is most often caused by rudimentary or cervical rib
3. ✔ Neurological symptoms are due to compression of nerve trunk T1 & 2
4. ✖ Symptomatic patients usually don't have history of trauma

Question Number : 48 Question Id : 50939814270 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following are suggestive features of hereditary neuropathies *Except* :

Options :

1. ✖ Pes cavus
2. ✖ A foreshortened foot
3. ✖ Intrinsic foot muscle abnormalities
4. ✔ Majority of them have sensory loss

Question Number : 49 Question Id : 50939814271 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The causes of secondary hyperkalemic periodic paralysis that may have concomitant myotonia are all *Except* :

Options :

1. ✖ Renal failure
2. ✖ Adrenal failure
3. ✔ Hyperaldosteronism
4. ✖ Metabolic acidosis

Question Number : 50 Question Id : 50939814272 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The diagnostic criteria of hypereosinophilic syndrome are all of the following *Except* :

Options :

1. ✖ Persistent eosinophilia >1500/cu mm
2. ✖ Duration of eosinophilia greater than 6 months
3. ✔ Presence of evidence of parasitic or other causes of eosinophilia
4. ✖ Presence of organ system involvement

Question Number : 51 Question Id : 50939814273 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is CCR5 inhibitor in therapy of HIV infection ?

Options :

1. ✔ Maraviroc

2. ✖ Enfurvitide
3. ✖ Raltegravir
4. ✖ Fosamprenavir

Question Number : 52 Question Id : 50939814274 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is fusion inhibitor in therapy of HIV infection ?

Options :

1. ✖ Miraviroc
2. ✔ Enfurvitide
3. ✖ Raltegravir
4. ✖ Fosamprenavir

Question Number : 53 Question Id : 50939814275 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

At what age children achieve the visual acuity of 20/20 ?

Options :

1. ✖ 2 years
2. ✖ 3 years
3. ✔ 4 years
4. ✖ 5 years

Question Number : 54 Question Id : 50939814276 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Handedness is usually established by which of the following age.

Options :

1. ✖ 2 years

2. ✔ 3 years

3. ✖ 4 years

4. ✖ 5 years

Question Number : 55 Question Id : 50939814277 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Most children walk with a mature gait and runs steadily at which of the following age ?

Options :

1. ✖ 2 years

2. ✔ 3 years

3. ✖ 4 years

4. ✖ 5 years

Question Number : 56 Question Id : 50939814278 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Children can start using future tense in language at which of the following age ?

Options :

1. ✖ 3 years
2. ✖ 4 years
3. ✔ 5 years
4. ✖ 6 years

Question Number : 57 Question Id : 50939814279 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

During adolescent period, the growth spurt peaks in girls at which of the following age ?

Options :

1. ✖ 9.5 years
2. ✖ 10.5 years
3. ✔ 11.5 years
4. ✖ 12.5 years

Question Number : 58 Question Id : 50939814280 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Blue diaper syndrome is due to defect in metabolism of which of the following amino acid ?

Options :

1. ✖ Phenylalanine

2. ✓ Tryptophan

3. ✗ Lysine

4. ✗ Valine

Question Number : 59 Question Id : 50939814281 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Criteria for acute respiratory distress syndrome include all of the following *Except* :

Options :

1. ✗ Bilateral pulmonary infiltrates on radiography

2. ✗ Pulmonary artery wedge pressure < 18 mm Hg

3. ✗ PaO₂: FiO₂ < 200

4. ✓ Decreased left atrial pressure

Question Number : 60 Question Id : 50939814282 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is an immunosuppressive cytokine ?

Options :

1. ✗ TNF- α

2. ✗ TGF- α

3. ✓ TGF- β

4. ✗ IL-6

Question Number : 61 Question Id : 50939814283 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Bare Lymphocyte Syndrome is caused by which of the following ?

Options :

1.  Deficiency of MHC-Class I
2.  Deficiency of MHC-Class II
3.  Deficiency of MHC-Class III
4.  Interleukin 2 receptor α -chain mutation

Question Number : 62 Question Id : 50939814284 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following are true about wiskott-Aldrich syndrome *Except* :

Options :

1.  Low serum IgM and IgA
2.  Normal or slightly low IgG
3.  % of T-cells are moderately reduced
4.  Lymphocyte response to mitogens are variably depressed

Question Number : 63 Question Id : 50939814285 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Reed Sternberg cells present in Hodgkin's disease are positive for :

Options :

1.  CD₃₀

2.  CD₄₅

3.  CD₅

4.  CD₁₀

Question Number : 64 Question Id : 50939814286 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One molecule of transferrin binds to how many atoms of iron :

Options :

1.  one

2.  two

3.  three

4.  four

Question Number : 65 Question Id : 50939814287 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A six years old male child with seizure, mental retardation and acne like lesions over the face should be screened for all *Except* :

Options :

1.  Polycystic kidney disease

2. ✖ Rhabdomyoma of the heart
3. ✔ Hearing assessment
4. ✖ Cystic lung disease

Question Number : 66 Question Id : 50939814288 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is not a clinical feature of Dengue ?

Options :

1. ✖ Relative Bradycardia
2. ✔ Wide Pulse Pressure
3. ✖ Generalised lymphadenopathy
4. ✖ Ascites

Question Number : 67 Question Id : 50939814289 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is true regarding pathogenesis of diphtheria ?

Options :

1. ✖ Endotoxin is the major virulence factor
2. ✖ Palatal palsy results from local invasion of the organism
3. ✔ Renal tubular necrosis and thrombocytopenia can occur as complications

4. ✖ Lysogeny with bacteriophage is essential for survival of the bacteria

Question Number : 68 Question Id : 50939814290 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following is *not* a feature of Vitamin E deficiency ?

Options :

1. ✖ Ataxia
2. ✔ Thrombocytopenia
3. ✖ Anemia
4. ✖ Increased platelet adhesiveness

Question Number : 69 Question Id : 50939814291 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements is FALSE regarding Vitamin K ?

Options :

1. ✖ It participates in oxidative phosphorylation
2. ✖ Cow's milk has more vitamin K than human milk
3. ✖ Green leafy vegetables are rich source of vitamin K
4. ✔ RDA for infants is 0.5-1 mg/day

Question Number : 70 Question Id : 50939814292 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A 2 days old baby develops cyanosis, hypotension and metabolic acidosis. Examination shows tachycardia, hepatomegaly, grade III/VI systolic murmur and poor peripheral pulses. Chest X-ray reveals cardiomegaly and ECG shows markedly reduced R waves in V5 and V6. The most likely diagnosis is :

Options :

1. ✖ Myocarditis
2. ✖ Total anomalous pulmonary venous return
3. ✔ Hypoplastic left heart syndrome
4. ✖ Anomalous origin of left coronary arteries

Question Number : 71 Question Id : 50939814293 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

One day old has severe cyanosis since birth. There is tachypnea, tachycardia but no murmur. X-ray chest shows small heart with diffuse white-out pattern of pulmonary venous congestion. The most likely diagnosis is :

Options :

1. ✔ Total anomalous pulmonary venous return
2. ✖ Pulmonary atresia
3. ✖ TGA
4. ✖ Truncus arteriosus

Question Number : 72 Question Id : 50939814294 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The diurnal variation in PEFR required for diagnosis bronchial asthma is :

Options :

1. ✖ 10%

2. ✔ 20%

3. ✖ 30%

4. ✖ 40%

Question Number : 73 Question Id : 50939814295 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All are characteristic features of typical absence seizure *Except* :

Options :

1. ✖ Sudden cessation of motor activity or speech with blank expression

2. ✖ Uncommon before age 5 years

3. ✖ More prevalent in girls

4. ✔ Commonly associated with aura

Question Number : 74 Question Id : 50939814296 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Ten year old male presented in emergency with oliguria for 5 days. His laboratory parameters are given below :

Peripheral smear : Normochromic normocytic RBC, No features of hemolysis

Blood urea : 220 mg/dl

Serum creatinine : 4.2 mg/dl

Urinalysis : Only eosinophils (+)

What is the most likely diagnosis ?

Options :

1. ✖ Post streptococcal glomerulonephritis
2. ✖ Anti GBM nephritis
3. ✔ Interstitial nephritis
4. ✖ HIV nephritis

Question Number : 75 Question Id : 50939814297 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The most common neurologic sequelae of bacterial meningitis in children is :

Options :

1. ✖ Seizures
2. ✔ Hearing loss
3. ✖ Mental retardation
4. ✖ Behavioral problem

Question Number : 76 Question Id : 50939814298 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following is a Nadas minor criteria for diagnosis of congenital heart disease ?

Options :

1.  Abnormal S2
2.  Cyanosis
3.  Diastolic murmur
4.  Congestive heart failure

Question Number : 77 Question Id : 50939814299 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is false about infectious mononucleosis :

Options :

1.  Spread is by droplet infection
2.  Incubation period is 1-2 weeks
3.  Characteristic clinical triad is sore throat, lymphadenopathy and splenomegaly
4.  Paul - Bunnell heterophile antibody test is positive in about 60% patient

Question Number : 78 Question Id : 50939814300 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is false about APERT syndrome :

Options :

1. ✖ Characterized by craniosynostosis, midfacial hypoplasia and symmetrical syndactyly
2. ✔ Inheritance is autosomal recessive
3. ✖ Majority of them have learning difficulties
4. ✖ Otitis media is common

Question Number : 79 Question Id : 50939814301 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following statement is false about Langerhan cell histiocytosis :

Options :

- A reactive proliferative disease characterized by accumulation of abnormal
1. ✖ histiocytes
 2. ✖ Incidence is 2-5 per million
 3. ✖ Bone lesions are found in almost all patients
 4. ✔ Patients with bone lesions have poor prognosis.

Question Number : 80 Question Id : 50939814302 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following statement is true about Poland syndrome :

Options :

- Characterized by congenital absence of pectoralis major muscle with ipsilateral
1. ✔ deformity of upper limb

2. ✖ Most cases are autosomal dominant
3. ✖ Incidence is 5 per million
4. ✖ Acyanotic heart disease is common association

Question Number : 81 Question Id : 50939814303 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All statements are true about Henoch-Scholein purpura *Except* :

Options :

1. ✔ Often preceded by an upper respiratory tract infections
2. ✖ Characteristic rash involve the lower extremities and buttock
3. ✖ Colicky abdominal pain is common
4. ✖ Serum C3 level is low

Question Number : 82 Question Id : 50939814304 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is false about ataxia telangiectasia :

Options :

1. ✖ Progressive cerebellar ataxia develops soon after the child begins to walk
2. ✖ Majority of them suffer from recurrent respiratory infections
3. ✖ 50% children have selective IgA deficiency

4. ✓ Alpha-fetoprotein levels are usually low

Question Number : 83 Question Id : 50939814305 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is not a clinical feature of cushing's syndrome :

Options :

1. ✗ Round face and flushed face
2. ✗ Buffalo hump
3. ✓ Low blood pressure
4. ✗ Retarded growth

Question Number : 84 Question Id : 50939814306 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In female with 21 hydroxylase deficiency, the following is found :

Options :

1. ✗ Some degree of virilization
2. ✗ Clitoris is enlarged
3. ✗ Labia are partially fused
4. ✓ All of the three

Question Number : 85 Question Id : 50939814307 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The differential diagnosis of hypothyroidism includes all of the following *Except* :

Options :

1. ✖ Down syndrome
2. ✖ Gargoylism
3. ✔ Phenylketonuria
4. ✖ Pendred's syndrome

Question Number : 86 Question Id : 50939814308 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The characteristic of major depressive disorder include all of the following *Except* :

Options :

1. ✖ Delusion
2. ✔ Dysphoria
3. ✖ Somatic problems
4. ✖ Loss of appetite

Question Number : 87 Question Id : 50939814309 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Spinocerebellar degenerative disorder includes all *Except* :

Options :

1. ✖ Refsum's disease

2. ✖ Ataxia telangiectasia
3. ✖ Friederich's ataxia
4. ✔ Devic disease

Question Number : 88 Question Id : 50939814310 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is not the feature of muscular dystrophy :

Options :

1. ✖ Family history of myopathy
2. ✖ Positive Gower's sign
3. ✖ Hypertrophy of calf muscles
4. ✔ Paraesthesia

Question Number : 89 Question Id : 50939814311 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The following is the cause of communicating hydrocephalus :

Options :

1. ✖ Dandy-walker malformation
2. ✔ Arnold-chiari malformation
3. ✖ Midline brain tumours
4. ✖ Aqueductal stenosis

Question Number : 90 Question Id : 50939814312 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The main presenting complaint of Goodpasture syndrome is :

Options :

1. ✖ Cough
2. ✖ Hematuria
3. ✔ Hemoptysis
4. ✖ Chest pain

Question Number : 91 Question Id : 50939814313 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A child is born and found to have an imperforate anus, a single kidney, and a missing thumb. Which of the following is true ?

Options :

- The physical findings are consistent with VACTERL association, and no further
1. ✖ testing is required.
 2. ✔ A chromosome microarray analysis is required to look for a chromosome abnormality.
 3. ✖ Chromosome breakage studies to look for Fanconi anaemia are not indicated.
 4. ✖ X-rays of the spine are not indicated if there are no obvious abnormalities of the back noted on examination.

Question Number : 92 Question Id : 50939814314 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A dominantly inherited trait affects a child and his grandmother, but neither parent. This best illustrates which of the following principles ?

Options :

1. ✖ Variable expressivity
2. ✖ New mutation
3. ✖ Somatic mosaicism
4. ✔ Nonpenetrance

Question Number : 93 Question Id : 50939814315 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The phenomenon of anticipation is associated with which one of the following types of mutation ?

Options :

1. ✖ Frame Shift
2. ✖ Missense
3. ✖ Imprinting
4. ✔ Triplet repeat Expansion

Question Number : 94 Question Id : 50939814316 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A child is diagnosed by newborn screening as having phenylketonuria (PKU). Which of the following modes of therapy is most likely to be recommended ?

Options :

1. ✖ Gene Replacement Therapy
2. ✖ Liver Transplant
3. ✔ Dietary Therapy
4. ✖ Enzyme Replacement Therapy

Question Number : 95 Question Id : 50939814317 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A one year old child presented to the OPD with the history of short stature, tiredness and constipation. Examination revealed a palpable goitre. Serum T4 was decreased and TSH levels were increased. Which is the most probable diagnosis ?

Options :

1. ✖ Thyroid dysgenesis
2. ✔ Thyroid Dyshormonogenesis
3. ✖ TSH receptor blocking antibody
4. ✖ Central hypothyroidism

Question Number : 96 Question Id : 50939814318 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

All of the following therapies may be required in a 1 hour old infant with severe birth asphyxia *Except* :

Options :

1. ✖ Glucose
2. ✔ Dexamethasone
3. ✖ Calcium gluconate
4. ✖ Normal saline

Question Number : 97 Question Id : 50939814319 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The karyotype of a patient with Androgen insensitivity syndrome is :

Options :

1. ✖ 46XX
2. ✔ 46XY
3. ✖ 47XXY
4. ✖ 45XO

Question Number : 98 Question Id : 50939814320 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of following is considered Gold standard test for diagnosing Wilson disease ?

Options :

1. ✖ Serum ceruloplasmin (< 20 mg/dl)
2. ✖ 24 Hour urinary copper excretion (> 100 ug/day)

3. ✖ Presence of Kayser-Fleischer (KF) Ring
4. ✔ Hepatic copper content ($> 250 \text{ ug /gram dry weight of liver}$)

Question Number : 99 Question Id : 50939814321 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A- four - days, full-term neonate experiences coughing, frothing of the mouth, and cyanosis during attempts at breastfeeding. Because of concern about aspiration, an attempt is made to pass a nasogastric tube, but the tube meets resistance and cannot be advanced adequately.

Options :

1. ✖ Disordered pharyngeal function with abnormal swallowing
2. ✔ Esophageal Artesia
3. ✖ Gastroesophageal reflux disease (GERD)
4. ✖ Milk allergy

Question Number : 100 Question Id : 50939814322 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

A- 7-years-old boy presents to the emergency department with clinical evidence of a small bowel obstruction. This is his third such presentation in the past year. Previously, his symptoms had resolved with nasogastric suction and bowel rest, but the child is now unresponsive to these measures. On examination, the patient has some pigmented spots on his lips and gums, a normal cardiopulmonary examination, and a grossly distended abdomen with high-pitched bowel sounds. The patient is taken to laparotomy and found to have a 5-cm obstructing polyp, which is found to be hamartomatous on pathologic analysis. What is this patient's underlying diagnosis ?

Options :

1. ✖ Celiac sprue
2. ✖ Familial adenomatous polyposis syndrome
3. ✖ Hereditary nonpolyposis colon cancer syndrome
4. ✔ Peutz-Jeghers syndrome (PJS)