

# 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.

<b>Question Paper Name :</b>	662 11th April 2021 Shift 2
<b>Subject Name :</b>	662
<b>Creation Date :</b>	2021-04-11 19:03:29
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<b>Display Marks:</b>	Yes
<b>Share Answer Key With Delivery Engine :</b>	Yes
<b>Actual Answer Key :</b>	Yes
<b>Calculator :</b>	None
<b>Magnifying Glass Required? :</b>	No
<b>Ruler Required? :</b>	No
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<b>Scratch Pad Required? :</b>	No
<b>Rough Sketch/Notepad Required? :</b>	No
<b>Protractor Required? :</b>	No
<b>Show Watermark on Console? :</b>	Yes
<b>Highlighter :</b>	No
<b>Auto Save on Console?</b>	No
<b>Change Font Color :</b>	No
<b>Change Background Color :</b>	No
<b>Change Theme :</b>	No
<b>Help Button :</b>	No
<b>Show Reports :</b>	No
<b>Show Progress Bar :</b>	No

## RET\_Surgical Oncology

<b>Group Number :</b>	1
<b>Group Id :</b>	509398122
<b>Group Maximum Duration :</b>	0
<b>Group Minimum Duration :</b>	120
<b>Show Attended Group? :</b>	No
<b>Edit Attended Group? :</b>	No
<b>Break time :</b>	0
<b>Group Marks :</b>	300

Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

## Research\_Methodology

Section Id :	509398182
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 :	509398209
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 50939814423 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814424 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 :  
समक 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 : 50939814425 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814426 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814427 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814428 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814429 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814430 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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  
मद-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 : 50939814431 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814432 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814433 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814434 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814435 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814436 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814437 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814438 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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, रैन्डोमाइजेशन एवं सब्स्टीट्यूशन

Replication, randomization, and local control

2. ✔ रेप्लीकेशन, रैन्डोमाइजेशन एवं लोकल कंट्रोल

3. ✖ Substitution, replication and local control  
सबस्टीट्यूशन, रेप्लीकेशन एवं लोकल कंट्रोल

4. ✖ Substitution, randomization and local control  
सबस्टीट्यूशन, रैन्डोमाइजेशन एवं लोकल कंट्रोल

**Question Number : 17 Question Id : 50939814439 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 :

1. ✖ Simple t-test  
साधारण टी-परीक्षण

2. ✖ Chi square test  
काई स्क्वायर परीक्षण

3. ✔ F-test  
एफ-परीक्षण

4. ✖ Paired sample t-test  
युग्मित सैम्पल टी-टेस्ट

**Question Number : 18 Question Id : 50939814440 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814441 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 आरेखीय 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 : 50939814442 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814443 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814444 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 स्टेण्डर्ड 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 : 50939814445 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814446 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814447 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814448 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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-प्लेजिअरिज्म सॉफ्टवेयर हैं :

- (a) Urkund  
उरकुंड
- (b) Overleaf  
ओवरलीफ
- (c) Turnitin  
टर्निटिन
- (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 : 50939814449 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814450 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 ?  
फैलाव 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 : 50939814451 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814452 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814453 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814454 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814455 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814456 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814457 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 : 50939814458 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0 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 विशेषताये गुणात्मक शोध के लिए महत्त्वपूर्ण मानी जाती हैं ?

**Options :**

1. ✘ Collecting data with the help of standardized research tools.  
मानकित शोध साधनों के के सहयोग से आंकड़ों का संग्रहण
2. ✘ Design sampling with probability sample techniques.  
प्रायिकता प्रतिचयन तकनीकों के प्रयोग द्वारा प्रतिचयन प्रारूप का निर्धारण
3. ✔ Collecting data with bottom-up empirical evidence.  
ऊर्ध्वगामी आनुभविक साक्ष्यों के प्रयोग से आंकड़ों का संग्रहण
4. ✘ Gathering data with top-down schematic evidence.  
शीर्ष-पाद योजनाबद्ध साक्ष्यों के प्रयोग से आंकड़ों का संग्रहण

**Question Number : 37 Question Id : 50939814459 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 indentified 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



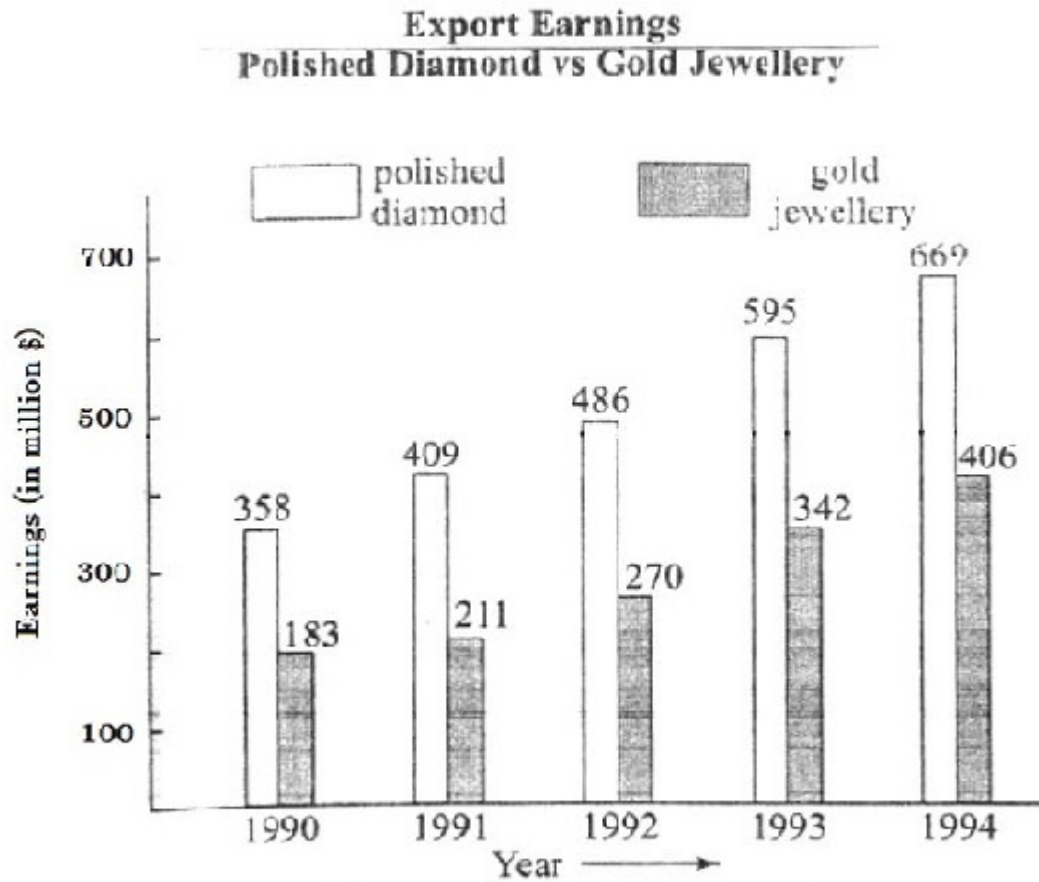
Question Number : 38 Question Id : 50939814460 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval 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 डीरे 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
- 503.4 मिलियन

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

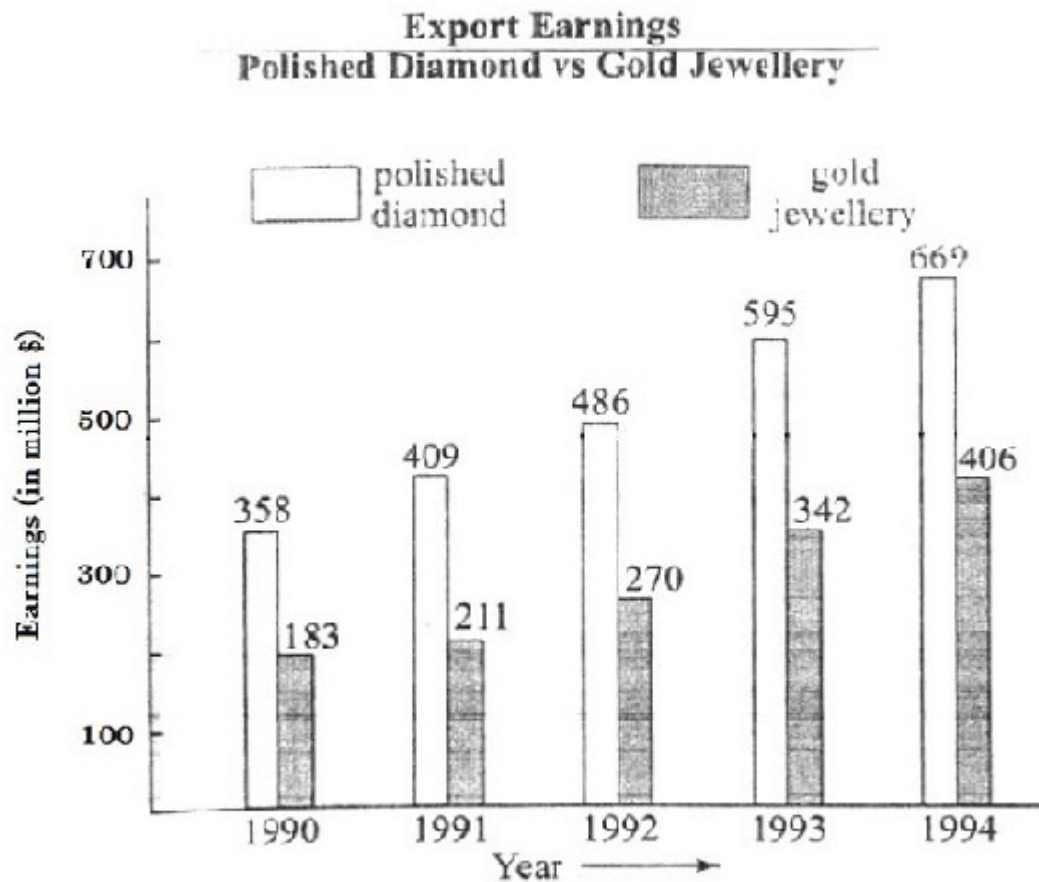
**Question Number : 39 Question Id : 50939814461 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval 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 : 50939814462 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

4. ✖ 40

## Subject\_&\_Area Concerned

Section Id :	509398183
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 :	509398210
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 50939814463 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 general chemical formula for carbohydrate is :

Options :

1. ✖  $(CHO)_n$
2. ✔  $(CH_2O)_n$
3. ✖  $(CH_2O)_{2n}$
4. ✖  $CHO$

Question Number : 42 Question Id : 50939814464 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is the molecular formula for sucrose ?

Options :

1. ✘  $C_6H_{12}O_6$
2. ✘  $C_{12}H_{24}O_{12}$
3. ✔  $C_{12}H_{22}O_{11}$
4. ✘  $C_{12}H_{23}O_{12}$

Question Number : 43 Question Id : 50939814465 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 second syllable in the name of a monoclonal antibody describes :

Options :

1. ✘ Source
2. ✔ Indication
3. ✘ Manufacturer
4. ✘ Derivatives

Question Number : 44 Question Id : 50939814466 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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* associated with MMR gene mutation ?

Options :

1. ✘ Muir Torre syndrome

2. ✓ Peutz Jeghers Syndrome
3. ✘ Trucot Syndrome
4. ✘ Hereditary non polyposis colorectal cancer type I and II

**Question Number : 45 Question Id : 50939814467 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Somatostatin is produced by :

**Options :**

1. ✘ alpha cells
2. ✘ beta cells
3. ✘ gamma cells
4. ✓ delta cells

**Question Number : 46 Question Id : 50939814468 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Condyloma Accuminata is caused by :

**Options :**

1. ✘ Epstein Barr Virus
2. ✓ Human Papilloma Virus
3. ✘ Herpes simplex virus

4. ✖ Vericella virus

**Question Number : 47 Question Id : 50939814469 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Hairy cells are :

Options :

1. ✖ T cell
2. ✔ B cell
3. ✖ NK cell
4. ✖ Helper cells

**Question Number : 48 Question Id : 50939814470 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Addition or deletion of few base pairs from DNA is called :

Options :

1. ✖ Missense mutation
2. ✔ Frame shift mutation
3. ✖ Non sense mutation
4. ✖ Point mutation

**Question Number : 49 Question Id : 50939814471 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**



**Instruction Time : 0 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

Main source of erythropoietin in human body is :

**Options :**

1. ✓ Kidney

2. ✗ Liver

3. ✗ T cells

4. ✗ Thymus

**Question Number : 50 Question Id : 50939814472 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Alemtuzumab is an antibody against :

**Options :**

1. ✗ CD 20

2. ✗ CD 30

3. ✓ CD 52

4. ✗ CD 57

**Question Number : 51 Question Id : 50939814473 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Mamalian counterpart of Bombesin is :



**Options :**

1. ✘ Gastrin
2. ✘ Somatostatin
3. ✔ Gastrin releasing peptide
4. ✘ Cholecystokinin

**Question Number : 52 Question Id : 50939814474 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Urea Breath test is based on H. Pylori's ability to :

**Options :**

1. ✘ Oxidize urea
2. ✘ Reduce urea
3. ✔ Hydrolyze urea
4. ✘ Peroxidize urea

**Question Number : 53 Question Id : 50939814475 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

BCR-ABL fusion protein is a marker of :

**Options :**

1. ✘ Acute lymphoblastic lymphoma
2. ✔ Chronic myelogenous leukemia

3. ✖ Acute myelogenous leukemia

4. ✖ Chronic lymphocytic leukemia

**Question Number : 54 Question Id : 50939814476 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Function of BRCA 1 protein is :

**Options :**

1. ✖ Cell-cycle regulation

2. ✔ DNA repair

3. ✖ Check point control

4. ✖ Apoptosis

**Question Number : 55 Question Id : 50939814477 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Her2 amplification/over expression is found in :

**Options :**

1. ✔ Sporadic breast cancer

2. ✖ Li-Fraumani syndrome

3. ✖ BRCA1 mutated breast cancer

4. ✖ Breast-ovarian cancer syndrome

**Question Number : 56 Question Id : 50939814478 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 cytogenetic translocation present in follicular thyroid carcinoma is :

Options :

1. ✘ BCR-ABL
2. ✔ PAX8-PPARY
3. ✘ PAX5-ABL
4. ✘ PAX8-KRAS

**Question Number : 57 Question Id : 50939814479 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Tuberous sclerosis gene TSC-1 and TSC-2 code for protein :

Options :

1. ✘ Actin
2. ✘ Myocin
3. ✔ Hamartin
4. ✘ Tubulin

**Question Number : 58 Question Id : 50939814480 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 antigen is expressed on Reed Sternberg cells ?

Options :

1. ✘ CD 25
2. ✔ CD 30
3. ✘ CD 43
4. ✘ CD 68

**Question Number : 59 Question Id : 50939814481 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Gastrin is produced by :

Options :

1. ✘ D cells
2. ✘ B cells
3. ✘ C cells
4. ✔ G cells

**Question Number : 60 Question Id : 50939814482 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 source of interferon beta is :

Options :

1. ✘ T-Cell

2. ✓ Fibroblasts

3. ✘ B cell

4. ✘ NK Cell

**Question Number : 61 Question Id : 50939814483 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Cancer causing mutated genes encoding cell cycle regulatory proteins are known as :

**Options :**

1. ✓ Oncogenes

2. ✘ Tumour suppressor genes

3. ✘ Apoptosis

4. ✘ Mutated genes

**Question Number : 62 Question Id : 50939814484 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 tumour suppressor gene ?

**Options :**

1. ✘ p 53

2. ✓ myc

3. ✘ Rb

4. ✖ Nm23

**Question Number : 63 Question Id : 50939814485 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes**

**Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

An exon is :

Options :

1. ✖ Type of neurons
2. ✖ Long stretches of non coding sequences
3. ✖ Type of protein
4. ✔ Short stretches of coding sequences

**Question Number : 64 Question Id : 50939814486 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Letter "G" in G phase of the cell cycle denotes :

Options :

1. ✖ Game
2. ✖ Gone
3. ✔ Gap
4. ✖ Grace

**Question Number : 65 Question Id : 50939814487 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum**

**Instruction Time : 0 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 are *not* true about apoptosis ?

**Options :**

1. ✘ Apoptosis is highly regulated process
2. ✘ Apoptosis is genetically programmed
3. ✔ Apoptosis is a passive process
4. ✘ Apoptotic cells exhibit shrunken cytoplasm and detach from neighboring cells

**Question Number : 66 Question Id : 50939814488 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 hallmark of carcinogenesis ?

**Options :**

1. ✘ Clonal outgrowth
2. ✘ Immortality
3. ✘ Invasion
4. ✔ Decrease proliferative capacity

**Question Number : 67 Question Id : 50939814489 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Mutations in which gene are least likely to be associated with breast cancer if inherited in the germ-line) :

Options :

1. ✓ ATM (ataxia-telangiectasia)
2. ✗ BRCA1
3. ✗ BRCA2
4. ✗ p53

Question Number : 68 Question Id : 50939814490 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Carbohydrates do *not* contain following element :

Options :

1. ✗ Carbon
2. ✗ Hydrogen
3. ✓ Nitrogen
4. ✗ Oxygen

Question Number : 69 Question Id : 50939814491 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Chromatin is :

Options :

1. ✓ Condensed complex of DNA and protein



2. ✘ Condensed complex of DNA
3. ✘ Condensed complex of Protein
4. ✘ Condensed complex of RNA

**Question Number : 70 Question Id : 50939814492 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Reverse transcriptase is :

Options :

1. ✘ Synthesis of RNA molecules from DNA
2. ✔ Synthesis of DNA molecules from RNA
3. ✘ Synthesis of RNA molecules from Protein
4. ✘ Synthesis of DNA molecules from protein

**Question Number : 71 Question Id : 50939814493 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 technique to amplify a segment of DNA sequence is known as :

Options :

1. ✘ DNA sequencing
2. ✘ DNA cloning
3. ✔ Polymerase chain reaction
4. ✘ Transgene

**Question Number : 72 Question Id : 50939814494 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Carcinoma associated with Hepatitis C Virus is :

Options :

1. ✘ Gallbladder cancer
2. ✘ Urinary bladder cancer
3. ✔ Hepatocellular carcinoma
4. ✘ Renal cell carcinoma

**Question Number : 73 Question Id : 50939814495 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 *not* a non coding RNA ?

Options :

1. ✘ miRNA
2. ✘ siRNA
3. ✘ lncRNA
4. ✔ mRNA

**Question Number : 74 Question Id : 50939814496 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Nobel prize for medicine or physiology for 2020 was given for ?

Options :

1. ✘ Discovery of human pappiloma virus transmission
2. ✘ Discovery of hepatitis B virus transmission
3. ✔ Discovery of hepatitis C virus transmission
4. ✘ Discovery of hepatitis E virus transmission

**Question Number : 75 Question Id : 50939814497 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes**

**Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

What kind of virus is corona virus ?

Options :

1. ✘ DNA
2. ✘ RNA
3. ✔ +ssRNA
4. ✘ ssDNA

**Question Number : 76 Question Id : 50939814498 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 application of information technology to address problems in biomedicine is called :

Options :

1. ✘ Biotechnology

2. ✘ Biomedicine
3. ✔ Bioinformatics
4. ✘ Biodiversity

**Question Number : 77 Question Id : 50939814499 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Covishield vaccine is stored at :

**Options :**

1. ✔ 2 -8 degree
2. ✘ -70 degree
3. ✘ -20 degree
4. ✘ Room temperature

**Question Number : 78 Question Id : 50939814500 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Branch dealing with treatment of cancer called :

**Options :**

1. ✘ Cardiology
2. ✘ Neurology
3. ✘ Gastroenterology
4. ✔ Oncology

**Question Number : 79 Question Id : 50939814501 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Software used for primer designing is called :

**Options :**

1. ✘ Clinver
2. ✔ Blast
3. ✘ Gene
4. ✘ Neucleotide

**Question Number : 80 Question Id : 50939814502 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Apoptosome is :

**Options :**

1. ✘ Carbohydrate structure
2. ✔ Protein structure
3. ✘ DNA structure
4. ✘ RNA structure

**Question Number : 81 Question Id : 50939814503 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Caspase is :

Options :

1. ✓ Endoprotease
2. ✗ Exoprotease
3. ✗ Bacterial protease
4. ✗ Viral protease

**Question Number : 82 Question Id : 50939814504 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Homeostasis is :

Options :

1. ✗ Steady state of mental and physical condition maintained by living systems  
Steady state of internal, physical, and chemical conditions maintained by dead
2. ✗ systems  
Steady state of internal, physical, and chemical conditions maintained by living
3. ✓ systems
4. ✗ Steady state of mental and physical condition maintained by dead systems

**Question Number : 83 Question Id : 50939814505 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 Inhibitor of Apoptosis protein ?

Options :

1. ✘ P53
2. ✘ BCl<sub>2</sub>
3. ✔ XIAP
4. ✘ Myc

**Question Number : 84 Question Id : 50939814506 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Single cell suspension can be created by using :

Options :

1. ✔ Trypsin
2. ✘ Chymotrypsin
3. ✘ Pepsin
4. ✘ Gastrin

**Question Number : 85 Question Id : 50939814507 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 does *not* participate in cell adhesion ?

Options :

1. ✘ CAM
2. ✘ Cell junction

3. ✘ Extracellular matrix
4. ✔ Intracellular matrix

**Question Number : 86 Question Id : 50939814508 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Connexons are :

**Options :**

1. ✔ Gap junctions
2. ✘ Tight junctions
3. ✘ Epithelial junctions
4. ✘ Endothelial junctions

**Question Number : 87 Question Id : 50939814509 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Prokaryote does *not* have :

**Options :**

1. ✘ Cell wall
2. ✘ Cell membrane
3. ✔ Nucleus
4. ✘ Cytoplasm



**Question Number : 88 Question Id : 50939814510 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Mitochondria generate :

Options :

1. ✓ ATP
2. ✗ ADP
3. ✗ CAM
4. ✗ IAP

**Question Number : 89 Question Id : 50939814511 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Human mitochondrial DNA contains :

Options :

1. ✗ 35 genes
2. ✓ 37 genes
3. ✗ 39 genes
4. ✗ 33 genes

**Question Number : 90 Question Id : 50939814512 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 Krebs cycle Fumarate is converted to ?

**Options :**

1. ✘ Succinate
2. ✘ Citrate
3. ✔ Malate
4. ✘ Succinyl CoA

**Question Number : 91 Question Id : 50939814513 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

How many enzymes participate in Krebs Cycle ?

**Options :**

1. ✘ 6
2. ✘ 7
3. ✔ 8
4. ✘ 9

**Question Number : 92 Question Id : 50939814514 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : Yes**

**Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

Molecular formula for lactic acid is ?

**Options :**

1. ✓  $\text{CH}_3\text{CH}(\text{OH})\text{COOH}$
2. ✗  $\text{C}_2\text{H}_6\text{CH}(\text{OH})\text{COOH}$
3. ✗  $\text{CH}_3\text{CH}(\text{OH})\text{CHO}$
4. ✗  $\text{CH}_3\text{CH}_2\text{CH}(\text{OH})\text{COOH}$

**Question Number : 93 Question Id : 50939814515 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Fermentation is :

Options :

1. ✓ Production of energy from carbohydrate in absence of oxygen
2. ✗ Production of energy from carbohydrate in presence of oxygen
3. ✗ Production of energy from proteins in absence of oxygen
4. ✗ Production of energy from proteins in presence of oxygen

**Question Number : 94 Question Id : 50939814516 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Basic unit of heredity is :

Options :

1. ✗ Chromosome
2. ✓ Gene

3. ✘ DNA

4. ✘ Histone

**Question Number : 95 Question Id : 50939814517 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

Mendelian principle is based on :

**Options :**

1. ✘ Chromosome

2. ✔ Allele

3. ✘ DNA

4. ✘ Mutation

**Question Number : 96 Question Id : 50939814518 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

How many genes are included in Mammprint assay ?

**Options :**

1. ✘ 60

2. ✔ 70

3. ✘ 50

4. ✘ 80

**Question Number : 97 Question Id : 50939814519 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

260/280 ratio is for :

Options :

1. ✓ DNA/RNA
2. ✗ DNA/protein
3. ✗ RNA/Protein
4. ✗ RNA/chromosome

**Question Number : 98 Question Id : 50939814520 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 purine ?

Options :

1. ✗ Adenosine
2. ✗ Guanine
3. ✓ Cytosine
4. ✗ Caffeine

**Question Number : 99 Question Id : 50939814521 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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 associated with HIV infection ?

**Options :**

1. ✘ Ewing's sarcoma
2. ✔ Kaposi Sarcoma
3. ✘ Wilm's tumor
4. ✘ Burkitt's lymphoma

**Question Number : 100 Question Id : 50939814522 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 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

16S rRNA is present in :

**Options :**

1. ✘ Protozoa
2. ✘ Eukaryote
3. ✔ Prokaryote
4. ✘ Virus