

# 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>	743 16th Mar 2022 Shift 2
<b>Subject Name :</b>	743
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<b>Display Marks:</b>	Yes
<b>Share Answer Key With Delivery Engine :</b>	Yes
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<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
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<b>Help Button :</b>	No
<b>Show Reports :</b>	No
<b>Show Progress Bar :</b>	No

## RET\_Dairying Technology

Group Number :	1
Group Id :	509398170
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 :	509398278
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 :	509398305
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 50939819223 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

In which of the following research designs hypothesis is *not* necessarily required ?

निम्न शोध प्रारूपों में से किसमें परिकल्पना की आवश्यकता *नहीं* होती है ?

Options :

1. ✘ Descriptive  
विवरणात्मक
2. ✘ Experimental  
प्रयोगात्मक
3. ✘ Diagnostic  
निदानात्मक
4. ✔ Exploratory  
अन्वेषणात्मक

Question Number : 2 Question Id : 50939819224 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which sequence of research steps is logical in the list given below ?

निम्नांकित में अनुसंधान चरणों का कौन-सा क्रम तार्किक है ?

Options :

1. ✘ Problem formulation, Analysis, Development of research design, Hypothesis making, Collection of data, Arriving at generalizations and conclusions  
समस्या स्थापन, विश्लेषण, अभिकल्प का विकास, परिकल्पना निर्माण, समंक एकत्रीकरण, सामान्यीकरण और निष्कर्ष निरूपण

Development of research design, Hypothesis making, Problem formulation, Data Analysis, Arriving at conclusions and data collection

शोध अभिकल्प का विकास, परिकल्पना निर्माण, समस्या स्थापन, समंक विश्लेषण,

2. ✖ निष्कर्ष निरूपण एवं समंक एकत्रीकरण

Problem formulation, Hypothesis making, Development of a research design, Collection of data, Data Analysis and Formulation of generalizations and conclusions

समस्या स्थापन, परिकल्पना निर्माण, शोध अभिकल्प का विकास, समंक

3. ✔ एकत्रीकरण, समंक विश्लेषण, सामान्यीकरण तथा निष्कर्ष निरूपण

Problem formulation, Deciding about the sample and data collection tools, Formulation of hypothesis, Collection and interpretation of research evidence.

समस्या स्थापन, प्रतिदर्श तथा समंक एकत्रीकरण उपकरणों के बारे में निर्णय

4. ✖ करना, परिकल्पना निर्माण, शोध साक्ष्य का संकलन एवं निर्वचन

**Question Number : 3 Question Id : 50939819225 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following is called non-probability sampling ?

निम्न में से किसे गैर-संभाव्यता प्रतिदर्शन कहा जाता है ?

**Options :**

Quota sampling

1. ✔ कोटा प्रतिदर्शन

Cluster sampling

2. ✖ गुच्छ प्रतिदर्शन

3. ✖ Systematic sampling  
व्यवस्थित प्रतिदर्शन

4. ✖ Stratified random sampling  
स्तरित संभाव्य प्रतिदर्शन

**Question Number : 4 Question Id : 50939819226 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

During which stage of research coding is essential ?

शोध के किस चरण के दौरान कूट संकेतन आवश्यक है ?

**Options :**

1. ✖ Before drawing a sample  
प्रतिदर्श प्राप्त करने से पहले

2. ✖ Before collecting data  
आँकड़ों के संग्रहण से पहले

3. ✔ After cleaning of collected data  
संग्रहित आँकड़ों के सफाई के बाद

4. ✖ After tabulation of data  
आँकड़ों के तालिकाकरण के बाद

**Question Number : 5 Question Id : 50939819227 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :**

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Under which of the following situations, Chi-square test is applicable ?

निम्नलिखित में से किस स्थिति में काई-वर्ग परीक्षण लागू होता है ?

(A) Test of homogeneity

एकरूपता परीक्षण

(B) Test of goodness of fit

समंजन उत्तमता (गुडनेस ऑफ फिट) परीक्षण

(C) Test of equality of two sample means

दो प्रतिदर्श माध्यों की समानता का परीक्षण

(D) Test of independence of attributes

गुणों की स्वतंत्रता का परीक्षण

Choose the most appropriate alternative from the options given below :

नीचे दिये गये विकल्पों में से सबसे उपयुक्त विकल्प का चुनाव कीजिए :

Options :

1. ✘ (A), (B)

2. ✔ (A), (B), (D)

3. ✘ (B), (C), (D)

4. ✘ (C), (D)

Question Number : 6 Question Id : 50939819228 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which scale is the simplest form of measurement ?

माप का सबसे सरल रूप कौन-सा पैमाना है ?

Options :

- 1. ✓ Nominal  
सांकेतिक
- 2. ✗ Ordinal  
क्रमवार
- 3. ✗ Interval  
अन्तराल
- 4. ✗ Ratio  
अनुपात

Question Number : 7 Question Id : 50939819229 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :

None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On

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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following correlational value is the strongest ?

निम्नलिखित में से कौन-सा सहसम्बन्ध मूल्य सबसे मजबूत है ?

Options :

- 1. ✗ +0.10

2. ✘ -0.95

3. ✘ +0.90

4. ✔ -1.00

**Question Number : 8 Question Id : 50939819230 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Cronbach alpha is a measure of :

क्रोनबैच अल्फा किसका माप है :

**Options :**

Validity  
1. ✘ वैधता

Reliability  
2. ✔ विश्वसनीयता

Sensitivity  
3. ✘ संवेदनशीलता

Normality  
4. ✘ सामान्यता

**Question Number : 9 Question Id : 50939819231 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator :**



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

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statements is *true* about qualitative research ?

गुणात्मक अनुसंधान के बारे में कौन-सा कथन *सत्य* है ?

Options :

- It's purpose is generalization
- 1. ✖ इसका उद्देश्य सामान्यीकरण करना है
- Very big sample size
- 2. ✖ प्रतिदर्श बहुत बड़ा आकार
- In-depth study of a phenomenon
- 3. ✔ किसी घटना का बहुत गहराई से अध्ययन
- Use of standardized scales
- 4. ✖ मानकीकृत मापनियों का प्रयोग

Question Number : 10 Question Id : 50939819232 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Standard error of Mean is :

मध्यमान की मानक त्रुटि है :

Options :

- Mean of standard deviation of sampling distribution
- 1. ✖ प्रतिचयन वितरण के मानक विचलन का मध्यमान

2. ✓ Standard deviation of sampling distribution of mean  
मध्यमान के प्रतिचयन वितरण का मानक विचलन

3. ✘ Mean of all standard deviations from population  
जनसंख्या से सभी मानक विचलनों का मध्यमान

4. ✘ Error in standard deviation of the sample  
प्रतिदर्श के मानक विचलन में त्रुटि

**Question Number : 11 Question Id : 50939819233 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Variables which influence the experiment but are uncontrollable, are examples of :

चर जो प्रयोग को प्रभावित करते हैं, लेकिन अनियंत्रित होते हैं, इसका एक उदाहरण है :

**Options :**

1. ✘ Dependent variables  
आश्रित चर

2. ✘ Independent variables  
स्वतंत्र चर

3. ✓ Intervening variables  
हस्तक्षेपी चर

Extraneous variables

4. ✖ बाह्य चर

**Question Number : 12 Question Id : 50939819234 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Internal validity refers to :

‘आंतरिक वैधता’ इंगित करता है :

Options :

Result can be verified in control conditions.

1. ✔ परिणाम नियंत्रित स्थितियों में सत्यापित किया जा सकता है।

Whether the findings are relevant to the participants' everyday lives ?

2. ✖ क्या निष्कर्ष प्रतिभागियों के दैनिक जीवन के लिए प्रासंगिक हैं ?

The degree to which the researcher feels that this was a worthwhile project.

3. ✖ जिस हद तक शोधकर्ता को लगता है कि यह एक सार्थक परियोजना थी।

How accurately the measurements represent underlying concepts ?

4. ✖ माप कितना सटीक रूप से अंतर्निहित अवधारणाओं का प्रतिनिधित्व करते हैं ?

**Question Number : 13 Question Id : 50939819235 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which one of these is *not* normally associated with quantitative data ?

इनमें से कौन-सा सामान्य रूप से मात्रात्मक आँकड़ों से सम्बन्धित *नहीं* है ?

Options :

- Analysis begins as data are collected
1. ✖ आँकड़ों के संकलन के साथ ही विश्लेषण प्रारम्भ होता है
- Numbers
2. ✖ संख्यायें
- Researcher's views are of high importance
3. ✔ शोधकर्ताओं का दृष्टिकोण का अधिक महत्त्व होता है
- Analysis guided by standardized rules
4. ✖ मानकीकृत नियमों द्वारा निर्देशित विश्लेषण

Question Number : 14 Question Id : 50939819236 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of these should be most valuable to show a gradual change in behaviour over time ?

समय के साथ व्यवहार में क्रमिक परिवर्तन दिखाने के लिए इनमें से कौन-सा सबसे अधिक महत्त्वपूर्ण होना चाहिए ?

Options :

- Extrapolations
1. ✖ बहिर्वेशन

2. ✓ Longitudinal studies  
दीर्घकालिक अध्ययन

3. ✘ Snapshot surveys  
आशुचित्र सर्वेक्षण

4. ✘ Experimental studies  
प्रायोगिक अध्ययन

**Question Number : 15 Question Id : 50939819237 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

An advantage of open-ended questions is that :  
मुक्त प्रश्नों (ओपन एंडेड) का एक लाभ यह है कि :

Options :

1. ✘ They can also be used in topic guides  
इनका उपयोग विषय गाइड में किया जा सकता है

2. ✓ Respondents can express themselves freely  
उत्तरदाता स्वयं को स्वतंत्र रूप से व्यक्त कर सकते हैं

3. ✘ Coding is a challenge  
कोडिंग एक चुनौती है

4. ✘ Potential is high for interviewer bias  
साक्षात्कारकर्ता पूर्वाग्रह के लिए संभावना अधिक है

Question Number : 16 Question Id : 50939819238 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

What is the purpose of the conclusion in a research report ?

एक शोध प्रतिवेदन में निष्कर्ष का उद्देश्य क्या है ?

Options :

It explains how concepts were operationally defined and measured

यह बताता है कि कैसे अवधारणाओं को परिचालन रूप से परिभाषित और मापा गया था

1. ✘

It contains a useful review of the relevant literature

इसमें प्रासंगिक साहित्य की उपयोगी समीक्षा शामिल है

2. ✘

It outlines the methodological procedure that were employed

यह नियोजित पद्धति प्रक्रियाओं की रूपरेखा तैयार करता है

3. ✘

It summarizes the key findings in relation to the research questions

यह शोध प्रश्नों के संबंध में प्रमुख निष्कर्षों का सार प्रस्तुत करता है

4. ✔

Question Number : 17 Question Id : 50939819239 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following statement is *true* for research ?

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

Options :

Pilot study is conducted on a larger segment of the research.

1. ✖ पायलट अध्ययन अनुसंधान के लिए विस्तृत खंड पर आयोजित किया जाता है।

Causal research is not scientific in nature.

2. ✖ कारणीय शोध वैज्ञानिक प्रकृति का नहीं होता है।

Research is often referred to as scientific inquiry.

3. ✔ अनुसंधान को अक्सर वैज्ञानिक अन्वेषण के रूप में संदर्भित किया जाता है।

The sample selected for research need not represent the universe.

4. ✖ अनुसंधान के लिए चयनित निदर्श समष्टि का प्रतिनिधित्व करे यह आवश्यक नहीं होता।

**Question Number : 18 Question Id : 50939819240 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

A researcher has obtained a set of data in a sample of 14 subjects 4, 13, 5, 7, 22, 16, 8, 10, 12, 16, 15, 14, 9, 8, find out the median :

एक शोधकर्ता ने 14 विषयों में 4, 13, 5, 7, 22, 16, 8, 10, 12, 16, 15, 14, 9, 8, के नमूने में आँकड़े का एक सेट प्राप्त किया है, माध्यिका ज्ञात कीजिए :

Options :

1. ✔ 11

2. ✖ 10

3. ✖ 12

**Question Number : 19 Question Id : 50939819241 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

A researcher wants to find out that how many persons have used Ayush decoction to enhance the immunity during Covid-19 pandemic in the year 2020-21. Which kind of study design is best for researcher to follow ?

एक शोधकर्ता यह पता लगाना चाहता है कि वर्ष 2020-21 के दौरान किसी दिए गए क्षेत्र में कोविड-19 महामारी के दौरान प्रतिरक्षा बढ़ाने के लिए कितने व्यक्तियों ने आयुष काढ़े का उपयोग किया है। शोधकर्ता के अनुसरण के लिए किस प्रकार का शोध प्रारूप सर्वोत्तम है ?

Options :

1. ✓  Cross-sectional survey  
क्रॉस-सेक्शनल सर्वे
2. ✖  Case-control study  
केस-कंट्रोल स्टडी
3. ✖  Randomized controlled trial  
यादृच्छिक नियंत्रित परीक्षण
4. ✖  Case reports and series  
केस रिपोर्ट और सीरीज



**Question Number : 20 Question Id : 50939819242 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Cohort Study is a type of :

कोहोर्ट स्टडी निम्नलिखित का एक प्रकार है :

**Options :**

1. ✘ Case report  
केस रिपोर्ट
2. ✘ Cross-sectional study  
क्रॉस-अनुभागीय अध्ययन
3. ✔ Longitudinal study  
अनुदैर्घ्य अध्ययन
4. ✘ Randomized control trial  
यादृच्छिक नियंत्रण परीक्षण

**Question Number : 21 Question Id : 50939819243 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Mendeley is a tool for :

मेंडले निम्नलिखित का एक साधन है :

**Options :**

1. ✓ Reference management  
संदर्भ प्रबंधन
2. ✘ Hypothesis evaluation  
परिकल्पना मूल्यांकन
3. ✘ Measurement of central tendency  
केंद्रीय प्रवृत्ति का मापन
4. ✘ Data analysis  
आँकड़ा विश्लेषण

**Question Number : 22 Question Id : 50939819244 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following is a relative measure of dispersion when comparing variables which are measured in different units ?

विभिन्न इकाइयों में मापे जाने वाले चरों की तुलना करते समय निम्नलिखित में से कौन-सा विषमता का एक सापेक्ष माप है ?

**Options :**

1. ✓ Coefficient of variation  
विचरण गुणांक
2. ✘ Standard error of mean  
माध्य की मानक त्रुटि

3. ✖ Interquartile range  
अन्तःचतुर्थक विस्तार

4. ✖ Standard deviation  
मानक विचलन

**Question Number : 23 Question Id : 50939819245 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Impact factor of a journal means :

एक जर्नल के प्रभाव कारक का अर्थ है :

**Options :**

1. ✖ The number of publications of a journal in the past three years  
पिछले तीन वर्षों में एक पत्रिका के प्रकाशनों की संख्या

2. ✔ Measure of the frequency with which the average article in a journal has been cited in a particular time period  
आवृत्ति की माप जिसके साथ किसी पत्रिका में औसत लेख को एक विशेष समय अवधि में उद्धृत किया गया है

3. ✖ Indexing code of the journal  
जर्नल का अनुक्रमण कोड

4. ✖ Publication fees of the journal  
पत्रिका का प्रकाशन शुल्क

**Question Number : 24 Question Id : 50939819246 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In a study to assess dental pain, patients were asked to rate pain experience as no pain, mild pain, moderate pain and severe pain. What type of variable is it ?

दांतों के दर्द का आकलन करने के लिए एक अध्ययन में, रोगियों को दर्द के अनुभव को बिना दर्द, हल्का दर्द, मध्यम दर्द और गंभीर दर्द के रूप में रेट करने के लिए कहा गया था। यह किस प्रकार का चर है ?

**Options :**

- 1. ✘  Nominal  
नामित
- 2. ✔  Ordinal  
क्रमिक
- 3. ✘  Ratio  
अनुपातिक
- 4. ✘  Interval  
अंतराल

**Question Number : 25 Question Id : 50939819247 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following is the best method of ensuring that the experimental and control arms in an experimental study are similar with regard to known and unknown confounders at the planning stage ?

निम्नलिखित में से कौन-सा यह सुनिश्चित करने का सबसे अच्छा तरीका है कि प्रायोगिक अध्ययन में प्रायोगिक और नियंत्रण समूह नियोजन स्तर पर ज्ञात और अज्ञात संकरण के संबंध में समान है :

Options :

- 1. ✘ Blinding  
अंधा करना
- 2. ✘ Allocation concealment  
आवंटन छिपाना
- 3. ✔ Randomization  
यादृच्छिककरण
- 4. ✘ Matching  
सुमेलन

Question Number : 26 Question Id : 50939819248 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Any process that tends to produce results that depart systematically from true values in a research study is called –

कोई भी प्रक्रिया जो ऐसे परिणाम उत्पन्न करती है जो एक शोध अध्ययन में सही मूल्यों से व्यवस्थित रूप से प्रस्थान करते हैं, कहलाती है –

Options :

- Chance  
1. ✘ मौका
- Bias  
2. ✔ पूर्वाग्रह
- Random error  
3. ✘ यादृच्छिक त्रुटि
- Effect modification  
4. ✘ प्रभाव संशोधन

**Question Number : 27 Question Id : 50939819249 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

When the study finding is generalizable to the target population, then it is :

जब अध्ययन का निष्कर्ष लक्षित जनसंख्या के लिए सामान्यीकृत होता है, तो यह है :

**Options :**

- Internal validity  
1. ✘ आंतरिक वैधता
- Reliability  
2. ✘ विश्वसनीयता
- Accuracy  
3. ✘ सटीकता

External validity

4. ✓ बाहरी वैधता

**Question Number : 28 Question Id : 50939819250 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

If the shape of a frequency distribution is lopsided, with a long tail projecting longer to the left than to the right, how would the distribution be skewed ?

यदि एक बारंबारता वंटन का आकार एकतरफा है, जिसमें एक लंबी पूंछ जो बाईं ओर की तुलना में बाईं ओर लंबी होती है, तो वितरण कैसे विषम होगा ?

Options :

normally

1. ✘ सामान्य

negatively

2. ✓ नकारात्मक

positively

3. ✘ सकारात्मक

nominally

4. ✘ नाममात्र

**Question Number : 29 Question Id : 50939819251 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The problem of 'research ethics' is concerned with which aspect of research activities ?  
शोध नैतिकता की समस्या का संबंध अनुसंधान गतिविधियों के किस पहलू से है ?

Options :

1. ✘ Following the prescribed format of a thesis  
थीसिस के निर्धारित प्रारूप का पालन करना
2. ✘ Data analysis through qualitative or quantitative technique  
गुणात्मक या मात्रात्मक तकनीकों के माध्यम से आँकड़ा विश्लेषण
3. ✘ Defining the population of research  
अनुसंधान की जनसंख्या को परिभाषित करना
4. ✔ Evidence based research reporting  
साक्ष्य आधारित शोध रिपोर्टिंग

Question Number : 30 Question Id : 50939819252 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which one of the following variables is *not* categorical ?  
निम्नलिखित में से कौन-सा चर श्रेणीबद्ध **नहीं** है ?

Options :

1. ✔ Age of a person  
व्यक्ति की आयु



Gender of a person : male or female

2. ✘ किसी व्यक्ति का लिंग : पुरुष या महिला

Choice on a test item : true or false

3. ✘ परीक्षण आइटम का चुनाव : सही या गलत

Marital status of a person (single, married, divorced, other)

4. ✘ एक व्यक्ति की वैवाहिक स्थिति (एकल, विवाहित, तलाकशुद्धा, अन्य)

**Question Number : 31 Question Id : 50939819253 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Plagiarism refers to :

साहित्यिक चोरी से तात्पर्य है :

**Options :**

Illegal duplication of print and electronic work

1. ✘ प्रिंट और इलेक्ट्रॉनिक कार्य का अवैध दोहराव

Converting data in survey and research reports

2. ✘ सर्वेक्षण और शोध रिपोर्ट में आँकड़ा परिवर्तित करना

Presenting ideas and expressions of others as your

3. ✔ दूसरों के विचारों और अभिव्यक्ति को अपने विचार और अभिव्यक्ति के रूप में प्रस्तुत करना

Making errors in paraphrasing or citations

4. ✖ व्याख्या या उद्धरणों में त्रुटियाँ करना

**Question Number : 32 Question Id : 50939819254 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following is an example of a secondary source of information ?

निम्न में से कौन सूचना के द्वितीयक स्रोत का उदाहरण है ?

Options :

1. ✖ Experiment  
प्रयोग

2. ✖ Survey  
सर्वेक्षण

3. ✔ Journal  
जर्नल

4. ✖ Questionnaire  
प्रश्नावली

**Question Number : 33 Question Id : 50939819255 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which level of measurement scale is always having absolute zero ?

किस स्तर के मापन पैमान में हमेशा निरपेक्ष शून्य होता है ?

Options :

- 1. ✘ Nominal  
नाममात्र
- 2. ✘ Ordinal  
क्रमसूचक
- 3. ✔ Ratio  
अनुपात
- 4. ✘ Interval  
अंतराल

**Question Number : 34 Question Id : 50939819256 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

As per UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations (2017), the maximum allowable limit of similarity index of a PhD thesis with that of already available literature in that field is :

यूजीसी (उच्च शिक्षण संस्थानों में अकादमिक अखंडता को बढ़ावा देना और साहित्यिक चोरी की रोकथाम) विनियम, (2017) के अनुसार, पीएचडी की समानता सूचकांक की अधिकतम स्वीकार्य सीमा। उस क्षेत्र में पहले से उपलब्ध साहित्य के साथ थीसिस है :

Options :

20%  
1. ✘ 20 प्रतिशत

15%  
2. ✘ 15 प्रतिशत

10%  
3. ✔ 10 प्रतिशत

25%  
4. ✘ 25 प्रतिशत

**Question Number : 35 Question Id : 50939819257 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

A formal document that presents the research objectives, design of achieving these objectives and the expected outcomes of the study is called :

औपचारिक दस्तावेज जो शोध के उद्देश्य, उन उद्देश्यों को प्राप्त करने की रूपरेखा एवं अध्ययन के अपेक्षित परिणामों को प्रस्तुत करता है, कहलाता है :

**Options :**

Research design  
1. ✘ शोध रूपरेखा

Research proposal  
2. ✔ शोध प्रस्ताव

3. ✖ Research hypothesis  
शोध परिकल्पना

4. ✖ Research report  
शोध प्रतिवेदन

**Question Number : 36 Question Id : 50939819258 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No Correct Marks : 3 Wrong Marks : 1**

Question Label : Multiple Choice Question

Through which of the following methods of research 'cause and effect' relationship is focused ?

निम्नलिखित में से शोध की किस पद्धति द्वारा 'कारण और प्रभाव' सम्बन्ध को केन्द्रित किया जाता है ?

Options :

1. ✖ Ex post facto method  
एक्स पोस्ट (पूर्व व्यापी) फैक्टो पद्धति

2. ✖ Case study method  
वैयक्तिक अध्ययन पद्धति

3. ✔ Experimental method  
प्रायोगिक पद्धति

4. ✖ Historical method  
ऐतिहासिक पद्धति

Question Number : 37 Question Id : 50939819259 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

The degree of freedom for paired  $t$ -test based on  $n$  pairs of observation is :

$n$  युग्मों के अवलोकन पर आधारित युग्मित  $t$ -टेस्ट के लिए स्वतंत्रता की कोटि है :

Options :

1. ✘  $2n - 1$

2. ✘  $n - 2$

3. ✘  $2(n - 1)$

4. ✔  $n - 1$

Question Number : 38 Question Id : 50939819260 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

Which of the following search engine is exclusively meant for scientific information ?

निम्नलिखित में से कौन-सा सर्च इंजन विशिष्टतया वैज्ञानिक सूचनाओं से सम्बन्धित है ?

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

Options :

1. Google  
गूगल

2. Scirus  
साइरस

3. Yahoo  
याहू

4. Altavista  
एल्टाविस्टा

**Question Number : 39 Question Id : 50939819261 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

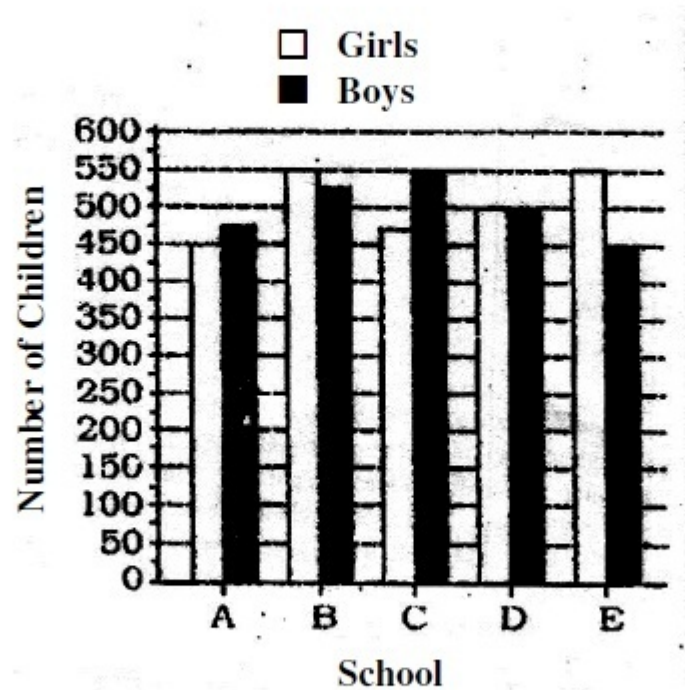
Question Label : Multiple Choice Question

Study the following graph and answer the question.

रेखाचित्र का अध्ययन करें और प्रश्न का उत्तर दीजिये।

Number of Girls and Boys participating in a Rally from Five Different Schools :

पाँच अलग-अलग स्कूलों से रैली में भाग लेने वाली लड़कियाँ और लड़कों की संख्या है :



What is the total number of boys participating in the rally from schools A and C together ?

स्कूल A और C से मिलाकर रैली में भाग लेने वाले लड़कों की कुल संख्या कितनी है ?

Options :

1. ✖ 975

2. ✖ 925



3. ✓ 1025

4. ✘ 1000

**Question Number : 40 Question Id : 50939819262 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

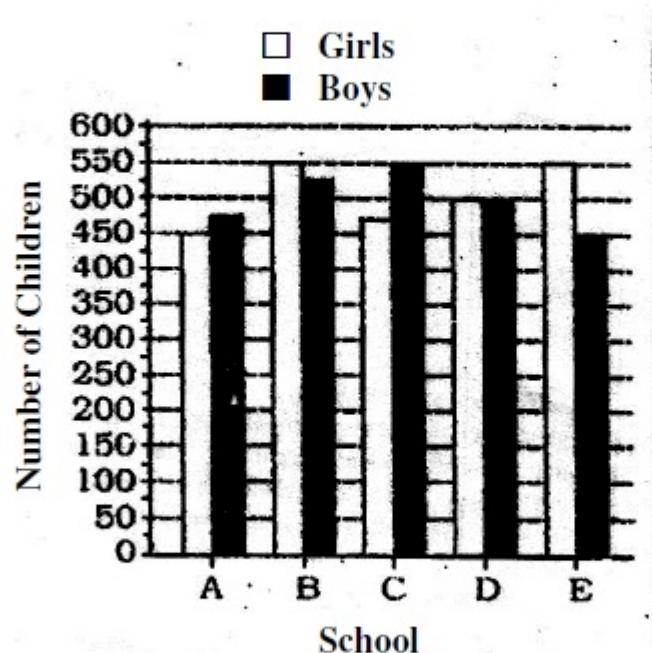
Question Label : Multiple Choice Question

Study the following graph and answer the question.

रेखाचित्र का अध्ययन करें और प्रश्न का उत्तर दीजिये।

Number of Girls and Boys participating in a Rally from Five Different Schools :

पाँच अलग-अलग स्कूलों से रैली में भाग लेने वाली लड़कियाँ और लड़कों की संख्या है :



What is the average number of girls participating in the rally from all the schools together ?

सभी स्कूलों से मिलाकर रैली में भाग लेने वाली लड़कियों की औसत संख्या कितनी है ?

Options :

1. ✖ 500

2. ✖ 480

3. ✓ 505

4. ✘ 520

## Subject\_&\_Area Concerned

Section Id :	509398279
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 :	509398306
Question Shuffling Allowed :	Yes

**Question Number : 41 Question Id : 50939819263 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In butter making, the term 'working' means :

**Options :**

1. ✓ Kneading of butter

2. ✘ Pasteurization of cream

3. ✖ Salting of butter

4. ✖ Addition of starter to butter

**Question Number : 42 Question Id : 50939819264 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following product (s) is/are well tolerated even by lactose intolerant people ?

**Options :**

1. ✔ Yoghurt

2. ✖ Flavour milk

3. ✖ Ice-cream

4. ✖ Toned milk

**Question Number : 43 Question Id : 50939819265 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Choose the pair from the following which is *not* analogous ?

**Options :**

1. ✘ Paneer : Whey
2. ✘ Butter : Buttermilk
3. ✘ Cream : Skim milk
4. ✔ Yoghurt : Lassi

**Question Number : 44 Question Id : 50939819266 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The churning temperature of butter is :

**Options :**

1. ✘ 45°C
2. ✘ 15°C
3. ✔ 9°C
4. ✘ 21°C

**Question Number : 45 Question Id : 50939819267 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

On an average the speed of drums in roller drier is :

Options :

1. ✘ 10-12 rpm
2. ✔ 14-19 rpm
3. ✘ 20-26 rpm
4. ✘ 30-40 rpm

**Question Number : 46 Question Id : 50939819268 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Maximum solubility index of spray dried milk powder must be :

Options :

1. ✘ 4.0
2. ✘ 8.0
3. ✔ 2.0
4. ✘ 16.0

**Question Number : 47 Question Id : 50939819269 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On**

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

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

Question Label : Multiple Choice Question

Water, skim milk and fat from vegetable sources are mixed together to obtain :

**Options :**

1. ✘ Reconstituted milk
2. ✘ Recombined milk
3. ✘ Toned milk
4. ✔ Filled milk

**Question Number : 48 Question Id : 50939819270 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

What is major component removed from milk by application of bactofuge ?

**Options :**

1. ✘ Fat
2. ✘ Bacteria
3. ✔ Spore
4. ✘ Protein

**Question Number : 49 Question Id : 50939819271 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

A proper CIP cycle consists of the following steps :

Options :

1. ✘ Rinse-alkali-rinse-acid-rinse-disinfect
2. ✘ Acid-rinse-alkali-rinse-disinfect
3. ✔ Rinse-acid-rinse-alkali-rinse-disinfect
4. ✘ Alkali-rinse-acid-rinse-disinfect

**Question Number : 50 Question Id : 50939819272 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

How many parts of weight of 30% cream and 4% milk must he mixed to milk having 5% fat ?

Options :

1. ✘ 2 parts of 30% cream & 15 parts of 4% milk
2. ✘ 3 parts of 30% cream & 18 parts of 4% milk



3. ✓ 1 part of 30% cream & 25 parts of 4% milk

4. ✘ 1 parts of 30% cream & 20 parts of 4% milk

**Question Number : 51 Question Id : 50939819273 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Specific gravity of cow milk is :

**Options :**

1. ✘ 1.009-1.010

2. ✓ 1.028-1.030

3. ✘ 1.035-1.038

4. ✘ 1.042-1.045

**Question Number : 52 Question Id : 50939819274 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following milk fat constant indicates volatile insoluble fatty acids in ghee ?

**Options :**

1. ✘ Iodine number
2. ✘ Reichert-Meissl number
3. ✘ Saponification number
4. ✔ Polenske number

**Question Number : 53 Question Id : 50939819275 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Dysentery is caused by :

**Options :**

1. ✘ *Micobacterium*
2. ✘ *Salmonella*
3. ✔ *Shigella*
4. ✘ *Streptococcus*

**Question Number : 54 Question Id : 50939819276 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Rennet acts on k-casein and splits it into para-caseinate and .....

Options :

1. ✓ GMP
2. ✗ CMP
3. ✗ Caseinopeptide
4. ✗ AMP

**Question Number : 55 Question Id : 50939819277 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Methylene Blue Reduction Test (MBRT) is used :

Options :

1. ✗ To determine heat stability
2. ✗ To identify microorganism present in milk
3. ✓ To determine the extent of bacterial contamination
4. ✗ To detect adulteration in milk

**Question Number : 56 Question Id : 50939819278 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The official test done to check efficiency of sterilization is :

**Options :**

1. ✘ Alcohol test
2. ✘ Phosphatase test
3. ✘ Peroxidise test
4. ✔ Turbidity test

**Question Number : 57 Question Id : 50939819279 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The optimal temperature of cream separation is :

**Options :**

1. ✔ 35-40°C
2. ✘ 55-60°C
3. ✘ 85-90°C

4. ✘ 15-20°C

**Question Number : 58 Question Id : 50939819280 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Salt balance is a very important determinant of ..... of milk.

**Options :**

1. ✘ Acidity

2. ✘ Total solids

3. ✔ Heat Stability

4. ✘ Fat content

**Question Number : 59 Question Id : 50939819281 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Gulabjamun is prepared from ..... variety khoa.

**Options :**

1. ✔ Dhap

2. ✘ Pindi
3. ✘ Danedar
4. ✘ Mixing all variety

**Question Number : 60 Question Id : 50939819282 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Stretchability of Mozzarella cheese is occurred at pH :

**Options :**

1. ✔ 5.2
2. ✘ 6.0
3. ✘ 6.5
4. ✘ 4.5

**Question Number : 61 Question Id : 50939819283 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Plastic cream contains ..... % fat.

**Options :**

1. ✘ 20-25
2. ✘ 30-45
3. ✔ 65-85
4. ✘ 10-20

**Question Number : 62 Question Id : 50939819284 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The packaging materials widely used for packaging of liquid milk is :

**Options :**

1. ✘ Polypropelene
2. ✔ Low density polyethylene
3. ✘ High density polyethylene
4. ✘ Polyamide

**Question Number : 63 Question Id : 50939819285 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Natural acidity of fresh milk is due to :

**Options :**

1. ✘ Lactic acid present in milk
2. ✔ Phosphates & proteins of milk
3. ✘ Vitamins & minerals in milk
4. ✘ None of three

**Question Number : 64 Question Id : 50939819286 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Isoelectric point of casein is pH :

**Options :**

1. ✘ 2.0
2. ✘ 3.4
3. ✔ 4.6
4. ✘ 7.2



**Question Number : 65 Question Id : 50939819287 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In cold cream separation process, operating temperature is in between ..... °C.

**Options :**

1. ✘ 52 to 55

2. ✘ 25 to 30

3. ✔ 4 to 20

4. ✘ 20 to 25

**Question Number : 66 Question Id : 50939819288 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In a homogenization process of milk, when a two-stage homogenizing valve is used, the second stage pressure should be ..... % of the total homogenizing pressure.

**Options :**

1. ✔ 10 to 15

2. ✘ 20 to 30

3. ✘ 30 to 40

4. ✘ 40 to 50

**Question Number : 67 Question Id : 50939819289 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

..... is a method of milk heating in which milk is sprayed into a chamber where steam environment is maintained.

**Options :**

1. ✘ Direct heating

2. ✘ Injection heating

3. ✘ Indirect heating

4. ✔ Infusion

**Question Number : 68 Question Id : 50939819290 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

1000 kg/hr of milk is heated in a heat exchanger from 45°C to 72°C. Water is used as the heating medium which enters in the heat exchanger at 90°C and leaves at 75°C. Calculate the mass flow rate of heating medium, if the heat losses to the environments are equal to 1 kw.  $C_p$  value of water and milk are 4.2 and 3.9 K.J/kg °C respectively (KE & PE are negligible, No pump is used and system is at steady state) :

Options :

1. ✓ 1728.6 kg/hr
2. ✗ 1600 kg/hr
3. ✗ 1628.6 kg/hr
4. ✗ 1705 kg/hr

**Question Number : 69 Question Id : 50939819291 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

35000 kg of whole milk containing 4% fat is to be separated in 6 hr period in to skim milk with 0.45% fat and cream with 45% fat. What are the flow rates of cream and skim milk streams in kg/hr from a continuous centrifuge ?

Options :

1. ✗ Cream 500 and skim milk 5000
2. ✗ Cream 400 and skim milk 5300
3. ✓ Cream 465 and skim milk 5368

4. ✖ Cream 450 and skim milk 5320

**Question Number : 70 Question Id : 50939819292 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In case of condensed milk, if the crystal size of lactose is more than .....  $\mu$  the product is considered to be sandy.

**Options :**

1. ✔ 30

2. ✖ 20

3. ✖ 15

4. ✖ 10

**Question Number : 71 Question Id : 50939819293 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Pseudo-plastic and dilatent fluid obeys :

**Options :**

1. ✖ Fourier's law

2. ✓ Power law

3. ✘ Dalton law

4. ✘ Rault's law

**Question Number : 72 Question Id : 50939819294 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

In crystallization, the solubility and particle size of a solute is given by :

Options :

1. ✘ Rault's equation

2. ✘ Plank's equation

3. ✓ Kelvin equation

4. ✘ Henderson's equation

**Question Number : 73 Question Id : 50939819295 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Make the *correct* match of the fermented food products in Group I with the microorganisms involved in Group II.

Group I	Group II
(P) Yoghurt	I. <i>Lactobacillus acidophilus</i> and <i>Lactobacillus delbrueckii</i>
(Q) Cheese	II. <i>Leuconostoc mesenteroides</i> and <i>Lactobacillus plantarum</i>
(R) Sauerkraut	III. <i>Lactobacillus delbrueckii</i> and <i>Streptococcus thermophilus</i>
(S) Kefir	IV. <i>Lactobacillus casei</i> and <i>Streptococcus thermophilus</i>

Options :

1. ✘ P-I, Q-IV, R-II, S-III
2. ✘ P-IV, Q-III, R-I, S-II
3. ✔ P-III, Q-IV, R-II, S-I
4. ✘ P-III, Q-II, R-IV, S-I

Question Number : 74 Question Id : 50939819296 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No

Correct Marks : 3 Wrong Marks : 1

Question Label : Multiple Choice Question

According to FSSA (2006) the amount of citric acid permitted to be added in khoa should not be more than :

Options :

1. ✘ 0.02%
2. ✘ 0.20%
3. ✔ 0.10%
4. ✘ 0.50%

**Question Number : 75 Question Id : 50939819297 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The 22-carbon omega-3 fatty acid is :

**Options :**

1. ✔ Docosahexaenoic acid
2. ✘ Arachidonic acid
3. ✘ Eicosapentaenoic acid
4. ✘ Stearic acid

**Question Number : 76 Question Id : 50939819298 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The method to be used to determine melting point of Fat spread as per FSSAI is :

Options :

1. ✓ Capillary slip method
2. ✗ Schreiber meltability
3. ✗ Abbe Refractometer
4. ✗ X-ray diffraction

**Question Number : 77 Question Id : 50939819299 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following packaging material should be used in order to avoid off flavor formation in homogenized milk ?

Options :

1. ✗ Transparent Glass bottles
2. ✗ Transparent bags
3. ✓ Opaque containers
4. ✗ Transparent containers



**Question Number : 78 Question Id : 50939819300 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Pectins are polymer of :

**Options :**

1. ✓ Sugar and acid derivatives
2. ✘ Protein and fat
3. ✘ Carbohydrates and protein
4. ✘ Carbohydrate and fat

**Question Number : 79 Question Id : 50939819301 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The "eyes" in swiss cheese are formed by the growth of :

**Options :**

1. ✘ Leuconostoc
2. ✓ Propionibacterium
3. ✘ Streptococcus

4. ✘ Lactobacillus

**Question Number : 80 Question Id : 50939819302 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which of the following has largest particle size in milk ?

Options :

1. ✘ Lactose
2. ✘ Casein Micelles
3. ✔ Fat globule
4. ✘ Iron

**Question Number : 81 Question Id : 50939819303 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Mould buttons are the microbial defects in :

Options :

1. ✘ Cream

2. ✘ Ghee

3. ✔ Condensed and evaporated milks

4. ✘ Butter

**Question Number : 82 Question Id : 50939819304 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Milk is a good source of all water-soluble vitamins except for :

**Options :**

1. ✘ Cyanocobalmin

2. ✘ Riboflavin

3. ✔ Ascorbic Acid

4. ✘ Thiamine

**Question Number : 83 Question Id : 50939819305 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

At what concentration chlorine sanitizing solutions are usually used in the dairy industry ?

Options :

1. ✘ 50-100 ppm
2. ✘ 100-200 ppm
3. ✔ 200-500 ppm
4. ✘ 500-800 ppm

**Question Number : 84 Question Id : 50939819306 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which one is used as an emulsifying agent in process cheese blend ?

Options :

1. ✘ Paprika
2. ✘ Pectin
3. ✔ Glycerides
4. ✘ Whey Powder

**Question Number : 85 Question Id : 50939819307 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Titratable acidity (% lactic) in whole milk powder is :

**Options :**

1. ✘ 2.5

2. ✔ 1.2

3. ✘ 1.5

4. ✘ 2.0

**Question Number : 86 Question Id : 50939819308 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Pasteurized milk should have a SPC/ml or g *not* exceeding :

**Options :**

1. ✘ 50,000

2. ✘ 10,000

3. ✘ 10

4. ✓ 30,000

**Question Number : 87 Question Id : 50939819309 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Hansa test is adopted to detect the presence of :

**Options :**

1. ✘ Goat milk in cow milk
2. ✓ Buffalo milk in cow milk
3. ✘ Goat milk in buffalo milk
4. ✘ Ewe's milk in buffalo milk

**Question Number : 88 Question Id : 50939819310 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The test employed to detect the adulteration of milk with water :

**Options :**

1. ✓ Lactometer reading

2. ✖ COB

3. ✖ Alcohol test

4. ✖ MBRT

**Question Number : 89 Question Id : 50939819311 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

A cheese with sweetish flavor of whey ?

**Options :**

1. ✖ Cheddar

2. ✔ Primost

3. ✖ Brie

4. ✖ Camembert

**Question Number : 90 Question Id : 50939819312 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

..... is recommended to avoid cream plug formation.

**Options :**

1. ✓ Homogenization
2. ✘ Cooling
3. ✘ Freezing
4. ✘ Sterilization

**Question Number : 91 Question Id : 50939819313 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

A cryoscopy is an important tool that test for ..... in milk.

**Options :**

1. ✘ Pesticides
2. ✘ Antibiotics
3. ✓ Added water
4. ✘ Butter fat

**Question Number : 92 Question Id : 50939819314 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**



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

Question Label : Multiple Choice Question

A cheese with a soft curd coagulated primarily by acid :

**Options :**

1. ✘ Gouda
2. ✘ Blue
3. ✘ Brie
4. ✔ Neufchatel

**Question Number : 93 Question Id : 50939819315 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Soft curd has a curd tension of :

**Options :**

1. ✘ More than 15
2. ✘ More than 25
3. ✔ Less than 25
4. ✘ Between 25-30

**Question Number : 94 Question Id : 50939819316 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

..... is lactic-acid alcohol fermented milk drink.

**Options :**

1. ✘ Srikhand
2. ✔ Kumiss
3. ✘ Yoghurt
4. ✘ Lassi

**Question Number : 95 Question Id : 50939819317 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The buffering capacity of buffalo milk is higher due to its :

**Options :**

1. ✘ Higher calcium and casein content
2. ✘ High calcium content only
3. ✔ Less casein content

4. ✘ Higher whey protein content

**Question Number : 96 Question Id : 50939819318 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Method used for determination of homogenization efficiency :

**Options :**

1. ✘ Turbidity Index

2. ✔ Farrall index

3. ✘ Refractive index

4. ✘ Acidity

**Question Number : 97 Question Id : 50939819319 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

Which dairy product is sold as 'AGMARK' ?

**Options :**

1. ✘ Fluid milk

2. ✘ Milk powder

3. ✔ Ghee

4. ✘ Cheese

**Question Number : 98 Question Id : 50939819320 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The National Dairy Development Board was developed in :

**Options :**

1. ✔ 1965

2. ✘ 1947

3. ✘ 1962

4. ✘ 1968

**Question Number : 99 Question Id : 50939819321 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

The number of categories for ice-cream laid down by FSSAI :

**Options :**

1. ✘ Two
2. ✘ Five
3. ✘ Four
4. ✔ Three

**Question Number : 100 Question Id : 50939819322 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0 Allowed Progression : Yes Number of Replay : 999 Play On Load : No Control Enable : Yes Time interval to replay(In Seconds) : 0 Allow Volume Control : No**

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

Question Label : Multiple Choice Question

**Khurchan is a :**

**Options :**

1. ✘ acid-coagulated product
2. ✔ heat-desiccated product
3. ✘ cereal-based product
4. ✘ fermented product