Andhra Pradesh State Council of Higher Education

Notations:

Change Theme:

Help Button:

Show Reports:

1.Options shown in green color and with ✓ icon are correct.

2.Options shown in red color and with * icon are incorrect.

Question Paper Name :	Pharmacy 5th May 2024 Shift 1
Duration :	120
Total Marks :	140
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required?:	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No

No

No

No

Show Progress Bar: No Is this Group for Examiner?: No **Examiner permission: Cant View Show Progress Bar?:** Nο **Research Methodology** Section Id: 971036567 **Section Number: Mandatory or Optional:** Mandatory **Number of Questions:** 66 **Section Marks:** 70 **Enable Mark as Answered Mark for Review and** Yes **Clear Response: Maximum Instruction Time:** 0 Is Section Default?: null Question Number: 1 Question Id: 97103639904 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What is the primary focus of Reflective Teaching? **Options:** 1. Memorization 2. W Understanding

3. Critical thinking

4. * Repetition

Question Number : 2 Question Id : 97103639905 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

Time: 0

What are the characteristics of adult learners?

Options:

- Dependence on the teacher
- 2 Students have their own motivation
- 3. * Passive learning style
- 4 * Fixed mindset

Question Number : 3 Question Id : 97103639906 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

In teaching, what does the term "Learner centred" approach emphasize?

- 1. * Teacher's authority
- Student involvement and active participation
- Memorization of facts

Rote learning

Question Number: 4 Question Id: 97103639907 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Which is an example of an online teaching platform?

Options:

Digital Repository

2. Wirtual Symposium

3. Swayam Prabha

4. * Cybernetic Laboratory

Question Number : 5 Question Id : 97103639908 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

What is a key characteristic of modern evaluation system?

Options:

Rigid structure

Sole reliance on exams

3. Continuous assessment

Limited feedback

Question Number : 6 Question Id : 97103639909 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the purpose of a VPN (Virtual Private Network) in ICT?

Options:

1. To provide a secure connection over a public network

- To increase computer speed
- To enhance graphics processing
- To store large amounts of data

Question Number: 7 Question Id: 97103639910 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

What is the main purpose of Computer-Based Testing (CBT) in education?

Options:

1. Simplify teacher workload

mcrease paper usage
3. ✓ Enhance test security
4. * Reduce access to exams
Question Number : 8 Question Id : 97103639911 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
What is the key characteristic of a quantitative research method?
Options :
Emphasis on subjective experiences
Focus on numbers and statistical analysis
Narrative storytelling
4. * Historical analysis
Question Number : 9 Question Id : 97103639912 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
What is the primary goal of descriptive research?
Options:

1.

Establishing cause and effect relationships 2. * Exploring new theories Describing and summarizing data 4. * Analysing historical events Question Number: 10 Question Id: 97103639913 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which approach to research emphasizes the objective measurement of observable phenomena? **Options:** Qualitative approach 2. * Historical approach Positivistic approach Post-positivistic approach Question Number: 11 Question Id: 97103639914 Display Question Number: Yes Is Question

Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0
What is common characteristic of qualitative research methods?
Options :
1. * Large sample sizes
Emphasis on statistical analysis
3. ✓ In-depth exploration of phenomena
4. * Experimental manipulations
Question Number : 12 Question Id : 97103639915 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
What is the first step in the research process?
Options :
1. * Analysis of findings
2. ✓ Formulation of research questions
2. ✓ Formulation of research questions 3. ❖ Data Collection

Question Number: 13 Question Id: 97103639916 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In research writing, what is the purpose of referencing? **Options:** To confuse the reader 7 * To demonstrate the author's intelligence 3. To enable verification To save space in the document Question Number: 14 Question Id: 97103639917 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 How does ICT (Information and Communication Technology) contribute to research? **Options:** By discouraging collaboration 2 * By limiting access to information 3. By facilitating data collection, analysis, and dissemination By promoting unethical practices

Question Number: 15 Question Id: 97103639918 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What is the key characteristic of effective communication? **Options:** Confusion 2. * Misunderstanding 3. Clarity 4. * Ambiguity Question Number: 16 Question Id: 97103639919 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which is an example of non-verbal communication? **Options:** 1. * Written letter 2. * Text message 3. Facial expressions 4. * Phone call

Question Number: 17 Question Id: 97103639920 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which ICT tool is used for storing, organizing, and manipulating data?

Options:

- Browser
- 2. Spreadsheet
- Presentation software
- 4. * Email client

Question Number : 18 Question Id : 97103639921 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In a classroom setting, what is an essential aspect of effective communication?

- 1 . One-way communication
- 2. * Lack of feedback
- Clear instructions and feedback

4. * Ambiguous messages

Question Number : 19 Question Id : 97103639922 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

Time: 0

What is a common barrier to effective communication?

Options:

Active listening

2. * Clarity in expression

3. Language differences

Open communication channels

Question Number : 20 Question Id : 97103639923 Display Question Number : Yes Is Question

Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Which form of communication reaches a large and diverse audience simultaneously?

Options:

1 * Interpersonal communication

2. * Group communication

3. ✓ Mass-Media communication

4. * Intra-cultural communication

Is Section Default?: null

Question Id: 97103639924 Sub Question Shuffling Allowed: Yes Group Comprehension

Questions: No Question Pattern Type: NonMatrix Calculator: None Response Time: N.A

Think Time: N.A Minimum Instruction Time: 0

Question Numbers: (21 to 25)

Read the Passage and answer the following questions:

In terms of labour, for decades the relatively low cost and high quality of Japanese workers conferred considerable competitive advantage across numerous durable goods and consumer electronics industries (eg. Machinery, automobiles, televisions, radios). Then labour-based advantages shifted to South Korea, then to Malaysia, Mexico and other nations. Today, China appears to be capitalizing best on the basis of labour. Japanese firms still remain competitive in markets for such durable goods, electronics and other products, but the labour force is no longer sufficient for competitive advantage over manufacturers in other industrializing nations. Such shifting of labour-based advantage is clearly not limited to manufacturing industries. Today, a huge number of IT and service jobs are moving from Europe and North America to India, Singapore, and like countries with relatively well-educated, low-cost workforces possessing technical skills. However, as educational levels and technical skills continue to rise in other countries, India, Singapore, and like nations enjoying labour-based competitive advantage today are likely to find such advantage cannot be sustained through emergence of new competitors. In terms of capital, for centuries the days of gold coins and later even paper money restricted financial flows. Subsequently regional concentrations were formed where large banks, industries and markets coalesced. But today capital flows internationally at rapid speed. Global commerce no longer requires regional interactions among business players. Regional capital concentrations in places such as New York, London and Tokyo still persist, of course, but the capital concentrated there is no longer sufficient for competitive advantage over other capitalists distributed worldwide. Only if an organization is able to combine, integrate and apply its resources (eg. Land, labour, capital, IT) in an effective manner that is not readily imitable by competitors can such an organization enjoy competitive advantage sustainable overtime. In a knowledge-based theory of the firm, this idea is extended to view organizational knowledge as a resource with atleast the same level of power and importance as the traditional economic inputs.

Sub questions

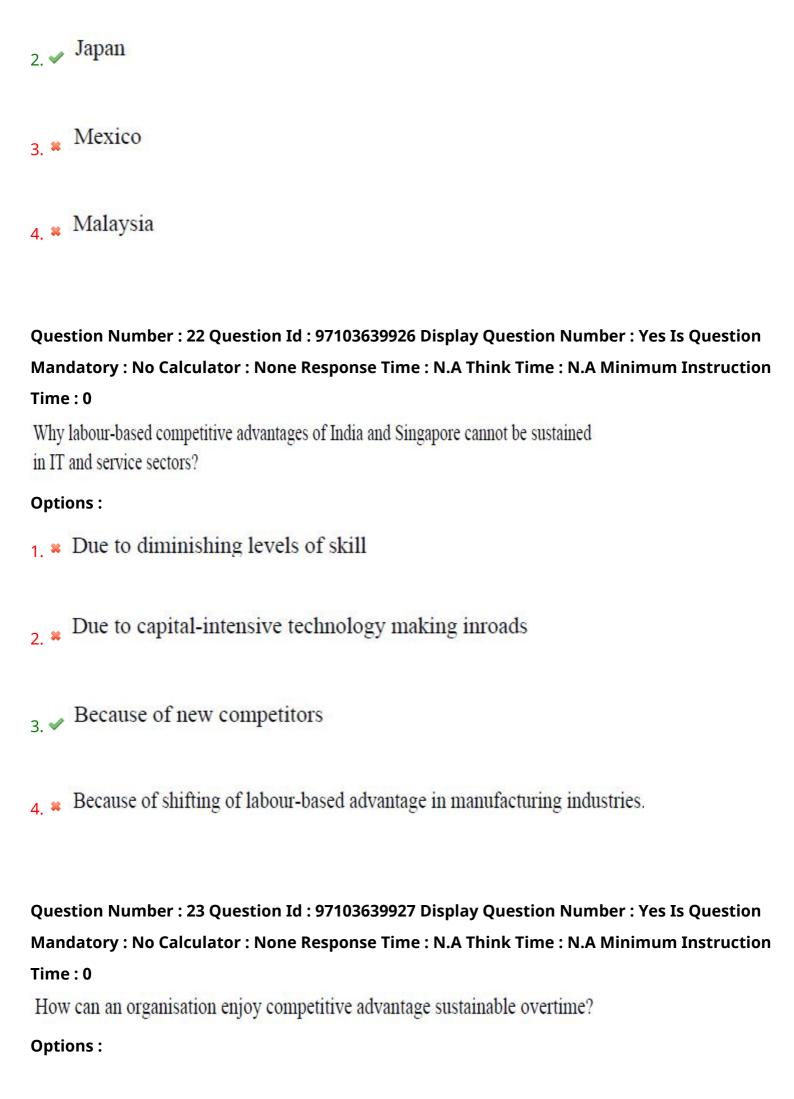
Question Number: 21 Question Id: 97103639925 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Which country enjoyed competitive advantages in automobile industry for decades?

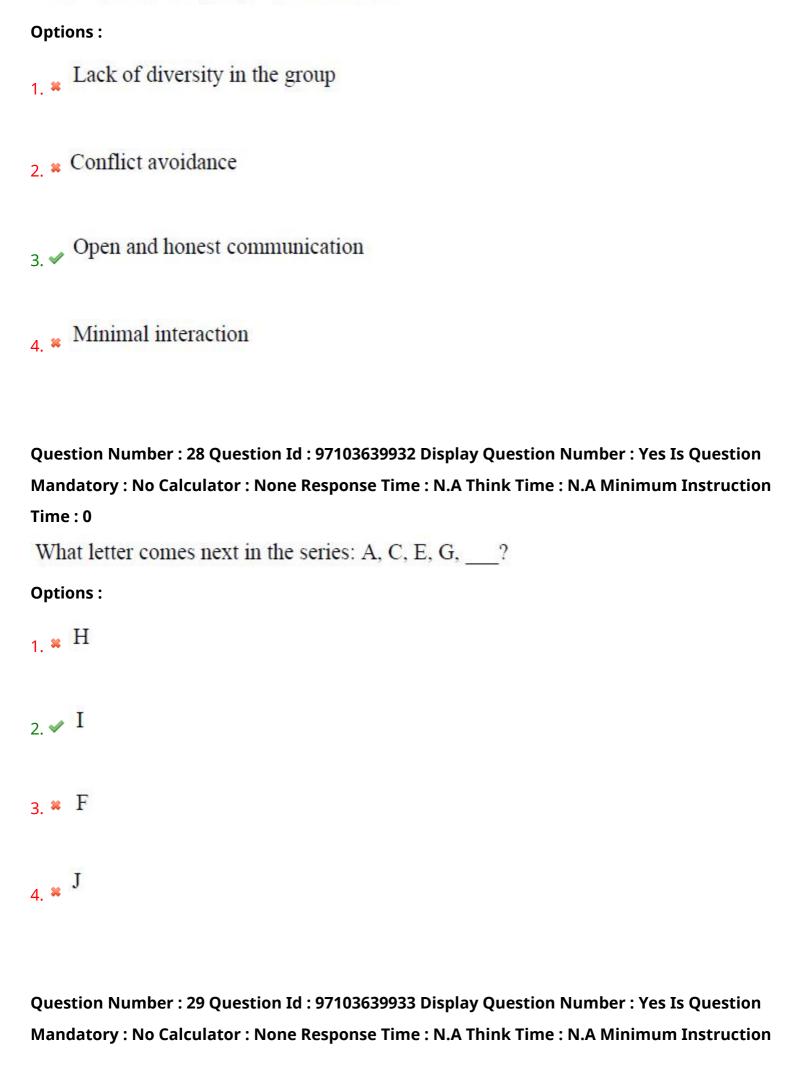
Options:

South Korea



Through regional capital flows 2. * Through regional interactions among business players. 3. * By making large banks, industries and markets coalesced. △ → By effective use of various instrumentalities Question Number: 24 Question Id: 97103639928 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What is required to ensure competitive advantages in specific markets? **Options:** Access to capital 2. * Common office buildings 3. Superior knowledge 4. * Common metals Question Number: 25 Question Id: 97103639929 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 The passage also mentions about the trend of

1. ✓ Global financial flow		
2. * Absence of competition in manufa	facturing industry	
Regionalisation of capitalists		
Organizational incompatibility		
Is Section Default? :	null	
Question Number: 26 Question Id: 971036 Mandatory: No Calculator: None Response Time: 0 What is the main purpose of mass-med Options: To confuse people To confuse people	e Time : N.A Think Time	
To entertain only To inform, educate, and entertain		
To restrict information flow		
Question Number : 27 Question Id : 971036		



What can enhance group communication?

Time: 0

What is the next number in the series: 2, 5, 10, 17, ___?

Options:

- 1. * 22
- 2. * 24
- 3. 🗸 26
- 4. * 28

Question Number: 30 Question Id: 97103639934 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

What is the missing number in the series: 8, 12, 18, __, 36?

- 1. * 22
- 2. * 24
- 3. * 25
- 4. 🗸 26

Question Number: 31 Question Id: 97103639935 Display Question Number: Yes Is Question

Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

If the price of a product increases from Rs.50 to Rs.60, what is the percentage increase?

Options:

1. * 10%

2. * 15%

3. 20%

4. * 25%

Question Number : 32 Question Id : 97103639936 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the cost price of an item is \$40 and it is sold for \$60, what is the profit percentage?

Options:

1. * 20%

2. * 30%

3. * 40%

4. **✓** 50%

Question Number: 33 Question Id: 97103639937 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

If a shirt is purchased for Rs.30 and sold for Rs.25, what is the loss incurred?

Options:

- 1. × Rs.5
- 2. Rs.10
- 3. * Rs.15
- 4. * Rs.20

Question Number : 34 Question Id : 97103639938 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the interest is calculated on both the principal and accumulated interest, it is known as

- 1. * Simple Interest
- 2. Compound Interest
- 3. * Discounting

4. * Percentage

Question Number : 35 Question Id : 97103639939 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

If a car travels at a speed of 60 km/h, how far will it travel in 2 hours?

Options:

150 km

2. 120 km

3. * 180 km

4. × 90 km

Question Number : 36 Question Id : 97103639940 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the classical square of opposition used for in logic?

Options:

Evaluating analogies

2. Establishing the validity of arguments

- 3. Distinguishing deductive and inductive reasoning
- Analysing fallacies

Question Number: 37 Question Id: 97103639941 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

The structure of categorical propositions in logic are typically represented by

Options:

- √ Venn diagrams
- 2. * Analogies
- 3. * Indian Logic
- 4. * Deductive reasoning

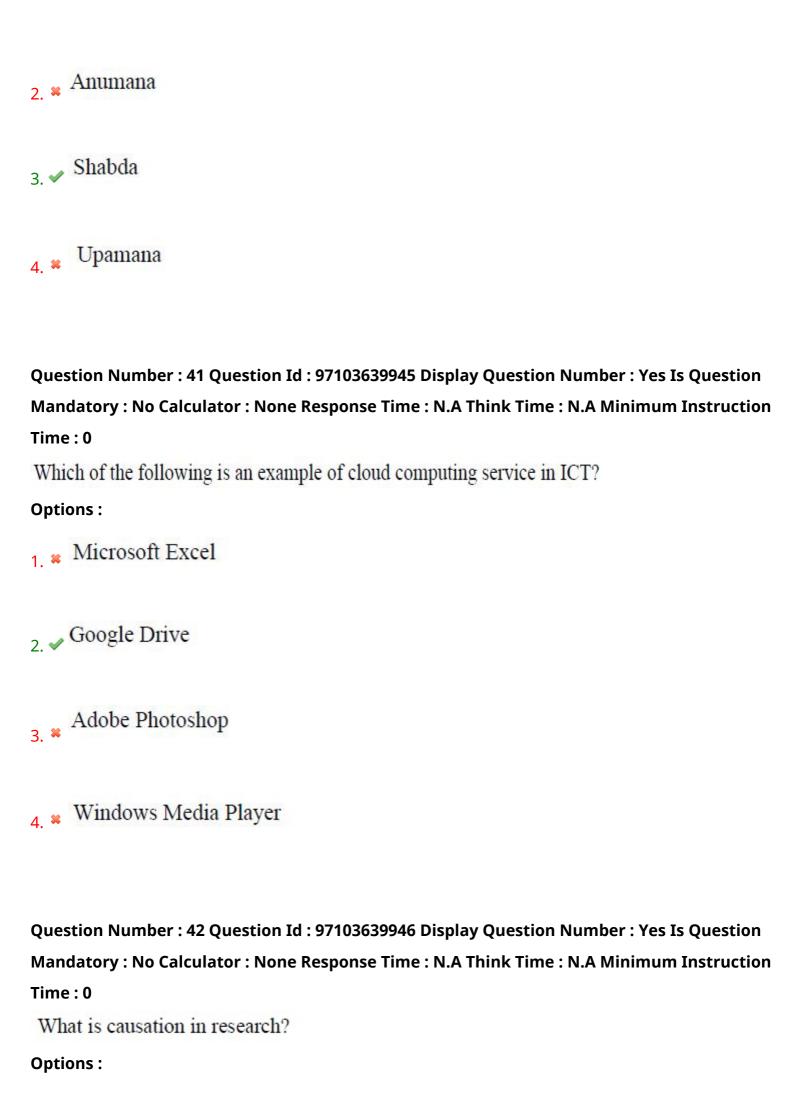
Question Number : 38 Question Id : 97103639942 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which type of reasoning involves drawing specific conclusions from general principles?

Options:

1. * Deductive reasoning

2. Inductive reasoning Analogical reasoning 4. * Fallacious reasoning Question Number: 39 Question Id: 97103639943 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What is the purpose of a QR code in ICT? **Options:** To send emails 2. * To scan documents 3. To store and retrieve information quickly ▲ To create animations Question Number: 40 Question Id: 97103639944 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which Indian Pramana deals with verbal testimony as a means of knowledge? **Options:** Pratyaksha



1. * The process of proving a hypothesis 2. * The final conclusion of a research study The outcome of hypothesis testing The relationship between variables where one influences the other Question Number: 43 Question Id: 97103639947 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Identify the type of argument presented: ' just as a sword is the weapon of a warrior, a pen is the weapon of a writer'. **Options:** 1. Analogical 2. * Deductive 3. * Inductive 4. * Hypothetical Question Number: 44 Question Id: 97103639948 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

		PRODU	ICTION U	JNITS		
MONTH	A	В	C	D	E	F
APRIL	310	180	169	137	140	120
MAY	318	179	177	162	140	122
JUNE	320	160	188	173	135	130
JULY	326	167	187	180	146	130
AUGUST	327	150	185	178	145	120

In which month the unit B has a contribution of approximately 15% in the total sugar production?

Options:

1. August

2. June

3. ✓ July

4. * April

Question Number: 45 Question Id: 97103639949 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

		PRODU	ICTION U	JNITS		
MONTH	A	В	C	D	E	F
APRIL	310	180	169	137	140	120
MAY	318	179	177	162	140	122
JUNE	320	160	188	173	135	130
JULY	326	167	187	180	146	130
AUGUST	327	150	185	178	145	120

Which of the following units shows continuous increase in the production of sugar over months?

Options:

Question Number : 46 Question Id : 97103639950 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

		PRODU	ICTION U	JNITS		
MONTH	A	В	C	D	E	F
APRIL	310	180	169	137	140	120
MAY	318	179	177	162	140	122
JUNE	320	160	188	173	135	130
JULY	326	167	187	180	146	130
AUGUST	327	150	185	178	145	120

In the case of Unit E, in which of the following pairs of months the production of sugar was equal?

Options:

- 1. * April & June
- 2. June & July
- 3. * July & August
- 4. ✓ April & May

Question Number : 47 Question Id : 97103639951 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

		PRODU	UCTION U	JNITS		
MONTH	A	В	C	D	E	F
APRIL	310	180	169	137	140	120
MAY	318	179	177	162	140	122
JUNE	320	160	188	173	135	130
JULY	326	167	187	180	146	130
AUGUST	327	150	185	178	145	120

In the month of June, how many units have a share of more than 25% of the total production of sugar?

Options:

2. * Three

3. ***** Two

4. * Four

Question Number : 48 Question Id : 97103639952 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

		PRODU	ICTION U	JNITS		
MONTH	A	В	C	D	E	F
APRIL	310	180	169	137	140	120
MAY	318	179	177	162	140	122
JUNE	320	160	188	173	135	130
JULY	326	167	187	180	146	130
AUGUST	327	150	185	178	145	120

What was approximate percentage decrease in sugar production of unit B in June as compared to April?

Options:

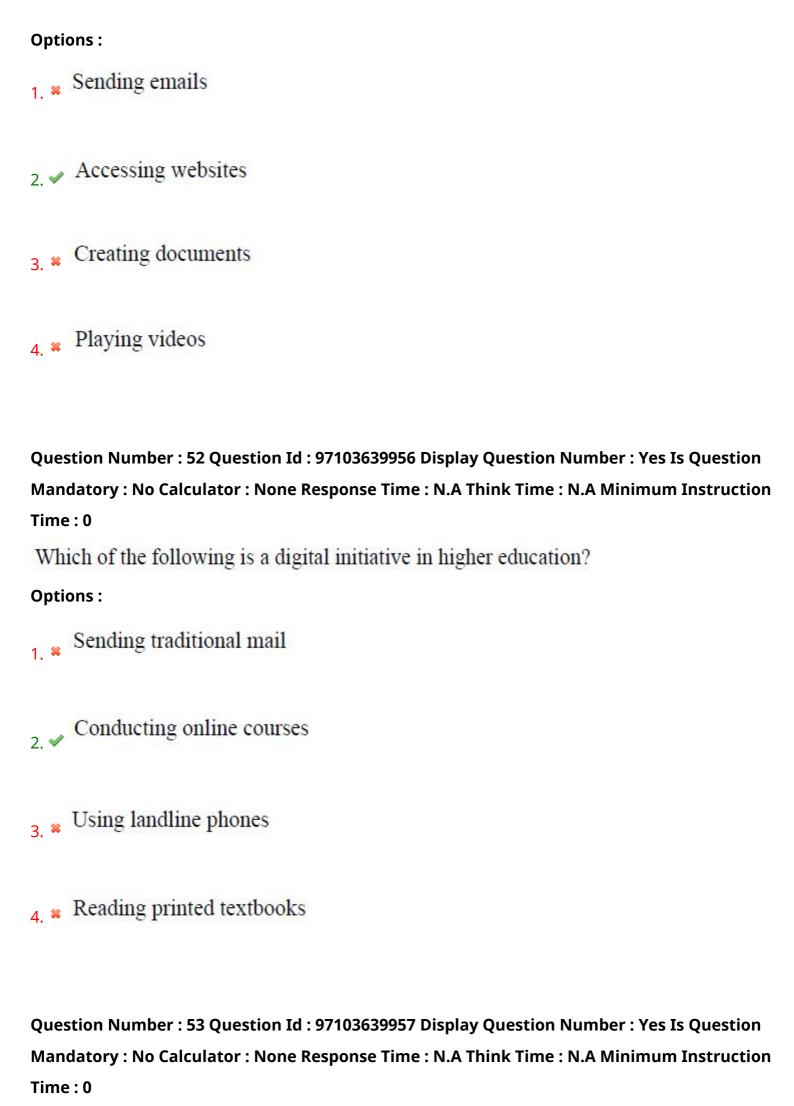
Question Number: 49 Question Id: 97103639953 Display Question Number: Yes Is Question

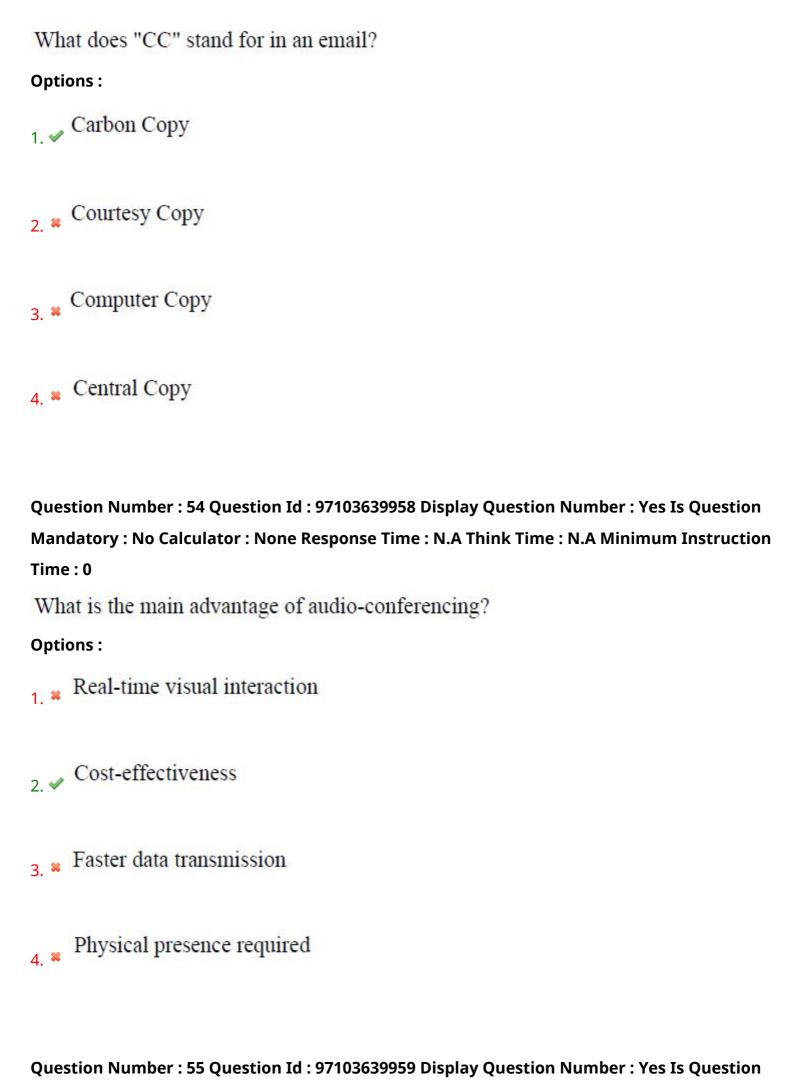
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

What is considered as scientific misconduct?

1. ✓ Redundant publications
2. * Transparent reporting of research methods
3. * Acknowledging sources properly
4. * Conducting research with integrity
Question Number : 50 Question Id : 97103639954 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Which term refers to communication within an organization's internal network?
Options :
1. * Internet
2. Intranet
3. * E-mail
4. * Extranet
Question Number : 51 Question Id : 97103639955 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
What is the primary purpose of a web browser?





Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
How does ICT contribute to governance?
Options:
By slowing down bureaucratic processes
2. ** By reducing transparency
3. ✓ By improving communication and decision-making
By increasing paperwork 4. **
Question Number: 56 Question Id: 97103639960 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In a research study investigating the relationship between sleep duration and academic
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In a research study investigating the relationship between sleep duration and academic performance, "sleep duration" is an example of a
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In a research study investigating the relationship between sleep duration and academic performance, "sleep duration" is an example of a Options:
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 In a research study investigating the relationship between sleep duration and academic performance, "sleep duration" is an example of a Options: 1. ** Hypothesis

Question Number: 57 Question Id: 97103639961 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

In the context of ICT, what does the term "Extranet" refer to?

Options:

- Communication within an organization
- Publicly accessible network
- 3.

 ✓ Restricted network for specific users
- 4. * Email communication

Question Number: 58 Question Id: 97103639962 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which set of goals focuses on ending poverty, ensuring health, education, and environmental sustainability worldwide?

- Kyoto Protocol
- 2. * Rio Summit Goals
- 3. Sustainable Development Goals

4. * Montreal Protocol

Question Number: 59 Question Id: 97103639963 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

What is the term for human-induced activities that have a significant impact on the environment?

Options:

- Natural activities
- 2. Anthropogenic activities
- 3. * Environmental activities
- 4. * Sustainable activities

Question Number: 60 Question Id: 97103639964 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Which software tool is commonly used for statistical analysis in research?

- 1. * Microsoft Excel
- 2. * Adobe Photoshop

- 3. SPSS (Statistical Package for the Social Sciences)
- 4. * Microsoft Word

Question Number: 61 Question Id: 97103639965 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

What is the significance of using graphics in data presentation?

Options:

- To confuse readers
- To hide important findings
- To simplify complex data
- To increase word count

Question Number : 62 Question Id : 97103639966 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

Which resource is classified as a renewable energy source?

Options:

Nuclear energy

Fossil fuels 3.

✓ Solar energy Geothermal energy Question Number: 63 Question Id: 97103639967 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What international agreement aims to phase out substances responsible for ozone depletion? **Options:** Rio Summit 2. Montreal Protocol 3. * Kyoto Protocol Paris Agreement

Question Number : 64 Question Id : 97103639968 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What type of learning was emphasized in ancient India, focusing on traditional subjects like philosophy and literature?

1. * Non-conventional learning
2. ✓ Conventional learning
3. * Technical education
4. * Skill-based education
Question Number : 65 Question Id : 97103639969 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
National Sample Survey Organization conducts survey on education and employment every
Options :
1. * One year
2. ✓ Five years
3. * Six years
4. * Ten years
Question Number : 66 Question Id : 97103639970 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

Time: 0 What marked the evolution of higher learning and research in Post Independence India? **Options:** Shift towards skill-based education 2. Emphasis on non-conventional learning 3. Establishment of new institutions and universities Decline in professional education Question Number: 67 Question Id: 97103639971 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 What does plagiarism refer to in research ethics? **Options:** Collaborating with other researchers Citing sources properly Using someone else's ideas without credit

Sharing research findings openly

Question Number: 68 Question Id: 97103639972 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 ICSSR is promoting research in the field of Options: Sciences
2. * Technical education
3. Social sciences
4. * Medicine
Question Number : 69 Question Id : 97103639973 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
What aspect of education is concerned with the moral and ethical development of students?
Options:
1. * Skill-based education
2. Value education
Technical education 3. **

4. Non-conventional learning

Question Number : 70 Question Id : 97103639974 Display Question Number : Yes Is Question

Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Time: 0

Which Indian city hosted the 2023 International Film Festival of India (IFFI)?

Options:

- Mumbai
- 2. * Hyderabad
- 3. V Goa
- 4. * Kolkata

Pharmacy

Section Id: 971036568

Section Number: 2

Mandatory or Optional: Mandatory

Number of Questions: 70

Section Marks: 70

Enable Mark as Answered Mark for Review and

Clear Response:

Yes

Maximum Instruction Time: 0

Is Section Default?: null

Question Number: 71 Question Id: 97103639975 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which instrument is used for the determination of shear rate/shear stress? **Options:** 1. * Ultrasonifier 2. Rotational viscometer 3. Accela cota 4 * Chilsonator Question Number: 72 Question Id: 97103639976 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which of the following method is used to obtain surface tension of a liquid? **Options:** 1. * X-ray diffraction 2. * Karl Fischer method 3. Capillary rise method 4. * Sedimentation method

Question Number : 73 Question Id : 97103639977 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

Life period and storage of various drugs is dealt in

Options:

- 1. Schedule 'Q'
- 2. Schedule 'R'
- 3. ✓ Schedule 'P'
- 4. Schedule 'T'

Question Number: 74 Question Id: 97103639978 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which stage of sleep is responsible for the incidence of dreams?

- 1. ✓ REM sleep
- 2. Slow wave sleep
- 3. * Stage 2 NREM sleep

4. * High wave sleep

Question Number : 75 Question Id : 97103639979 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

Time: 0

Measuring zeta potential is useful in determining which property of a liquid formulation?

Options:

1. Wiscosity

2. Stability

3. Solubility

4. Particle size

Question Number : 76 Question Id : 97103639980 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

Lignified tissues are detected using which of the following reagents

Options:

0.2 N Iodine

2. * Tannic acid

3. * Acetic acid

Phloroglucinol and Conc. Hydrochloric acid

Question Number: 77 Question Id: 97103639981 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which of the following may result in a criminal prosecution?

Options:

- Breach of confidence
- Breach of duty of care resulting in minor injury
- 3 * Defamation

Sale of pharmacy (P) medicines by a pharmacy student from a pharmacy where

4. w there is no pharmacist working that day

Question Number : 78 Question Id : 97103639982 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

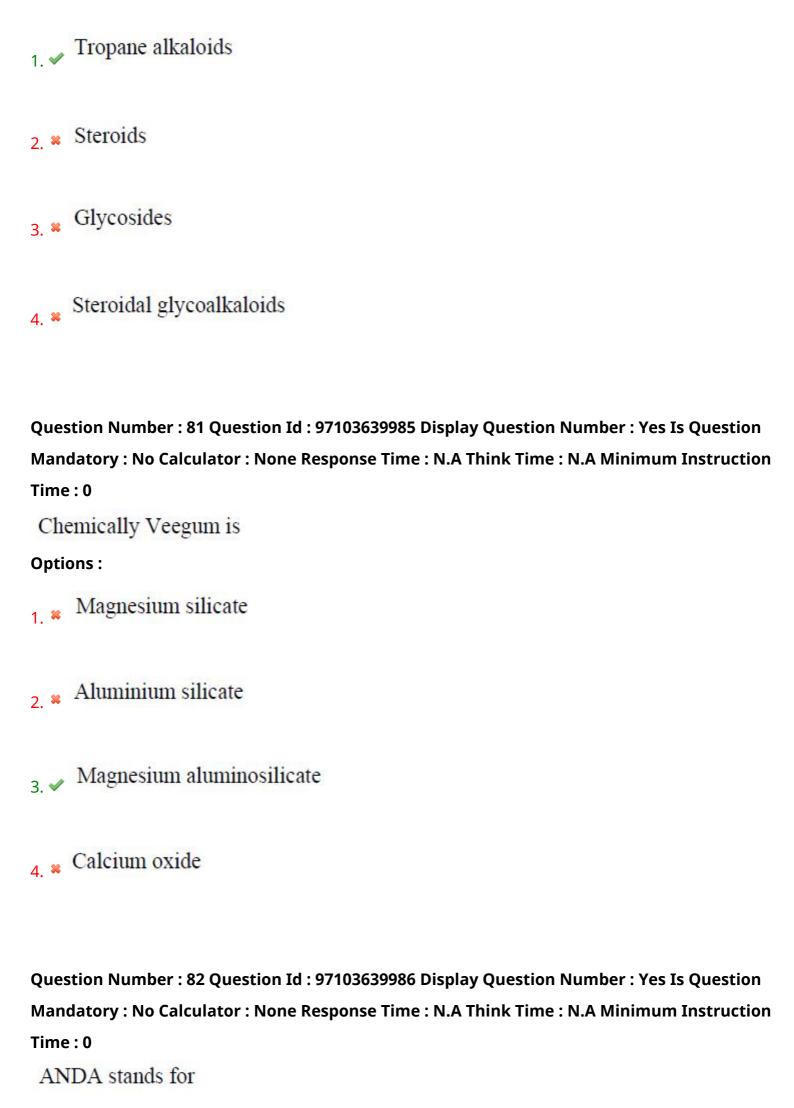
In the mixing of thymol and menthol, the following type of incompatibility occurs

Options:

Chemical incompatibility

2. Therapeutic incompatibility Physical incompatibility Tolerance incompatibility Question Number: 79 Question Id: 97103639983 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which of the following vitamin helps in blood clotting? **Options:** 1 × vitamin A 2. witamin C 3. * vitamin D 4. vitamin K Question Number: 80 Question Id: 97103639984 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 As per Chemo-Taxonomic classification, the plants belonging to Solanaceae are reported to

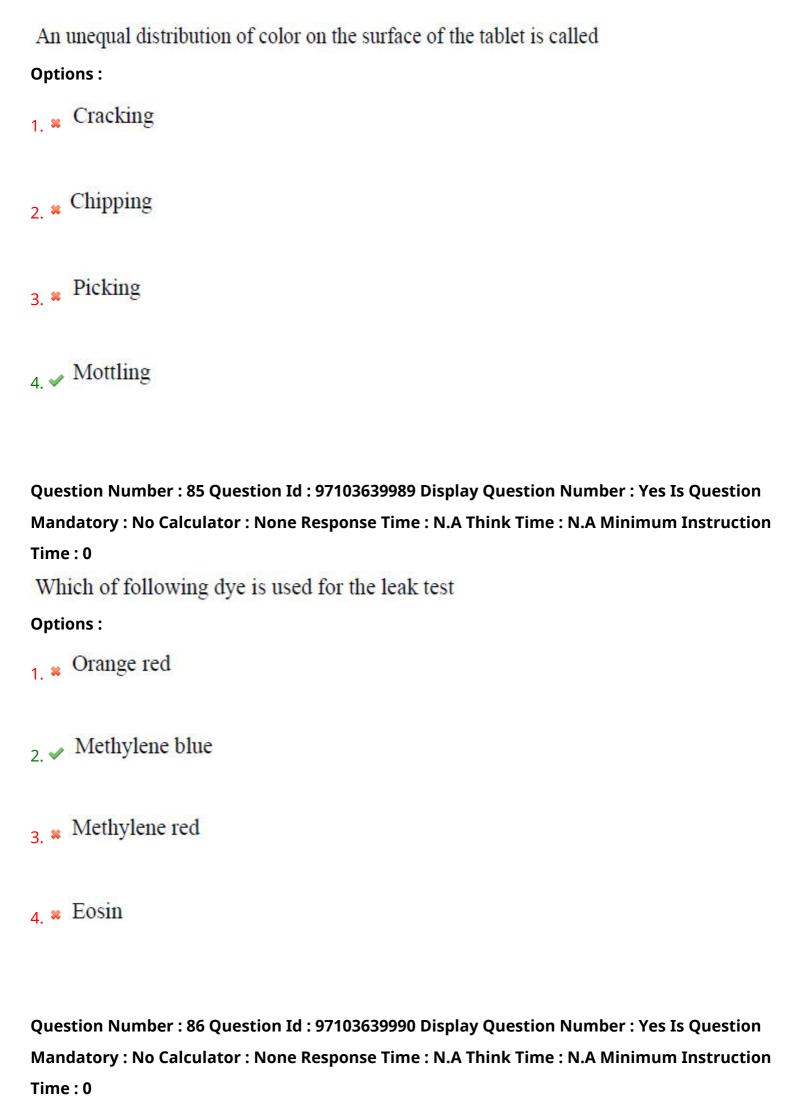
have which components as their active chemical constituents



1. * Application for New Drug Approval
2. ✓ Abbreviated New Drug Application
3. * Application for New Drug Agency
4. * Abbreviated New Discovery Application
Question Number : 83 Question Id : 97103639987 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
In the preparation of cold creams, which type of bases are used generally?
Options:
1. ✓ Absorption bases
2. * Water removable bases
3. * Hydrocarbon bases
4. * Water adding bases
Question Number : 84 Question Id : 97103639988 Display Question Number : Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
-

Options:

Time: 0



which test animal is used for pyrogen testing?
Options :
1. * Rat
2. * Mice
3. A Rabbit
4. * Guinea pig
Question Number : 87 Question Id : 97103639991 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Which of the following drug may cause cycloplegia when used topically in the eye?
Options:
1. * Bethanechol
2. * Physostigmine
3. Atropine
Pilocarpine 4. **
Ouestion Number : 88 Ouestion Id : 97103639992 Display Ouestion Number : Yes Is Ouestion

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Drug of choice to treat motion sickness is		
Options:		
1. * Metronidazole Physostigmine		
2. ✓ Scopolamine		
3. * Carbamazepine		
4. * Metoclopromide		
Question Number : 89 Question Id : 97103639993 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Time: 0		
Time: 0		
Time: 0 The citric acid cycle is the final common oxidative pathway for		
Time: 0 The citric acid cycle is the final common oxidative pathway for Options:		
Time: 0 The citric acid cycle is the final common oxidative pathway for Options: 1. * Carbohydrates		

Question Number: 90 Question Id: 97103639994 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Lactulose is a Options: 1. Osmotic laxative		
2. * Bulk laxative		
3. * Faecal softener		
4. * Stimulant purgative		
Question Number : 91 Question Id : 97103639995 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction		
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0		
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Beta oxidation of fatty acids takes place in		
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Beta oxidation of fatty acids takes place in Options:		
Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Beta oxidation of fatty acids takes place in Options: 1. ✓ Mitochondria		

Question Number : 92 Question Id : 97103639996 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Kirchhoff's law will come under what type of heat transfer

Options:

- Conduction
- 2. * Convention
- 3. ✓ Radiation
- 4 * Transformation

Question Number: 93 Question Id: 97103639997 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

The mechanism of action of ciprofloxacin

- Inhibition of protein synthesis by interacting with 30S ribosomes.
- 2. * Inhibition of protein synthesis by interacting with 50S ribosomes.
- Inhibition of DNA synthesis by interacting with topoisomerases.
- Inhibition of cell wall synthesis

Question Number: 94 Question Id: 97103639998 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Sotalol used as antiarrhythmic agent, which acts by

Options:

- Sodium channel blockade
- 2. * Calcium channel blockade
- Potassium channel blockade
- Beta-adrenoceptor antagonism

Question Number : 95 Question Id : 97103639999 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

Fluorescence is a result of transition of electron from

- Singlet ground state to singlet exited state
- 2. Lower singlet exited state to singlet ground state.
- 3. * Triplet exited state to singlet ground state

Triplet ground state to singlet exited state

Question Number : 96 Question Id : 97103640000 Display Question Number : Yes Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$

Time: 0

Steam distillation method is used for separation of

Options:

- 1. High boiling substances
- 2. * Low boiling substances
- 3. * Thermolabile substances
- Substances having high vapour pressure

Question Number : 97 Question Id : 97103640001 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time: 0

An organism which has been implicated as a possible cause of chronic gastritis and peptic ulcer is

- Campylobacter jejuni
- 2. * Escherichia coli

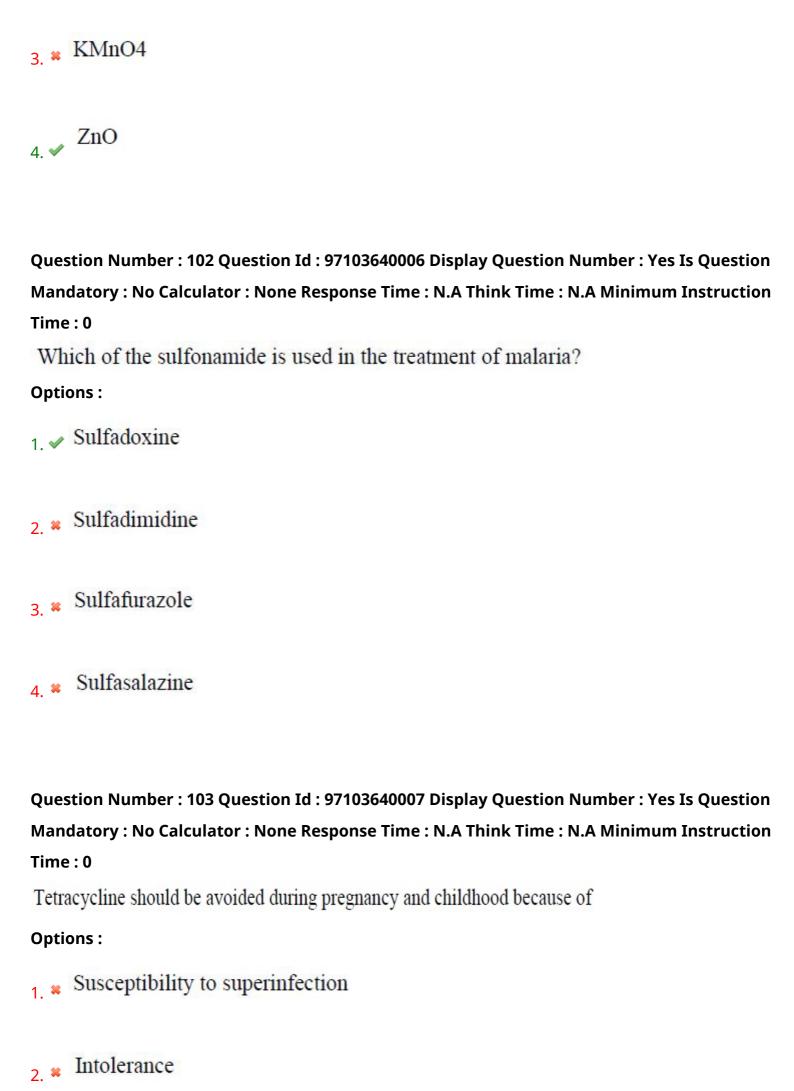
3. Helicobacter pylori 4. * Giardia lamblia Question Number: 98 Question Id: 97103640002 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Which drug inhibits cholesterol absorption? **Options:** Colestipol 2. * Cilostazol 3. * Probucol 4. Zetimibe Question Number: 99 Question Id: 97103640003 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Antiviral action of zidovudine is **Options:**

1 * Inhibition of free extracellular virus

2. Inhibition of reverse transcriptase

3. * DNA polymerase inhibition Post-translation event Inhibitor Question Number: 100 Question Id: 97103640004 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Guillain-Barré syndrome may be associated with **Options:** Campylobacter jejuni infection 2. # HIV infection 3. * Renal transplantation 4. We of the oral contraceptive pill Question Number: 101 Question Id: 97103640005 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 One of the following is used as dental cement **Options:** 1. * ZnCl2

2. × NaCl



- Bone marrow toxicity
- Selectively taken up by growing bones

Question Number : 104 Question Id : 97103640008 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Antiflatulant compounds are used with the antacids for which purpose?

Options:

Time: 0

- 1 * To maintain the pH of GIT
- 2. * To dispense the foam
- To avoid the interaction with absorption of metals
- To minimize the effect of evolved CO₂

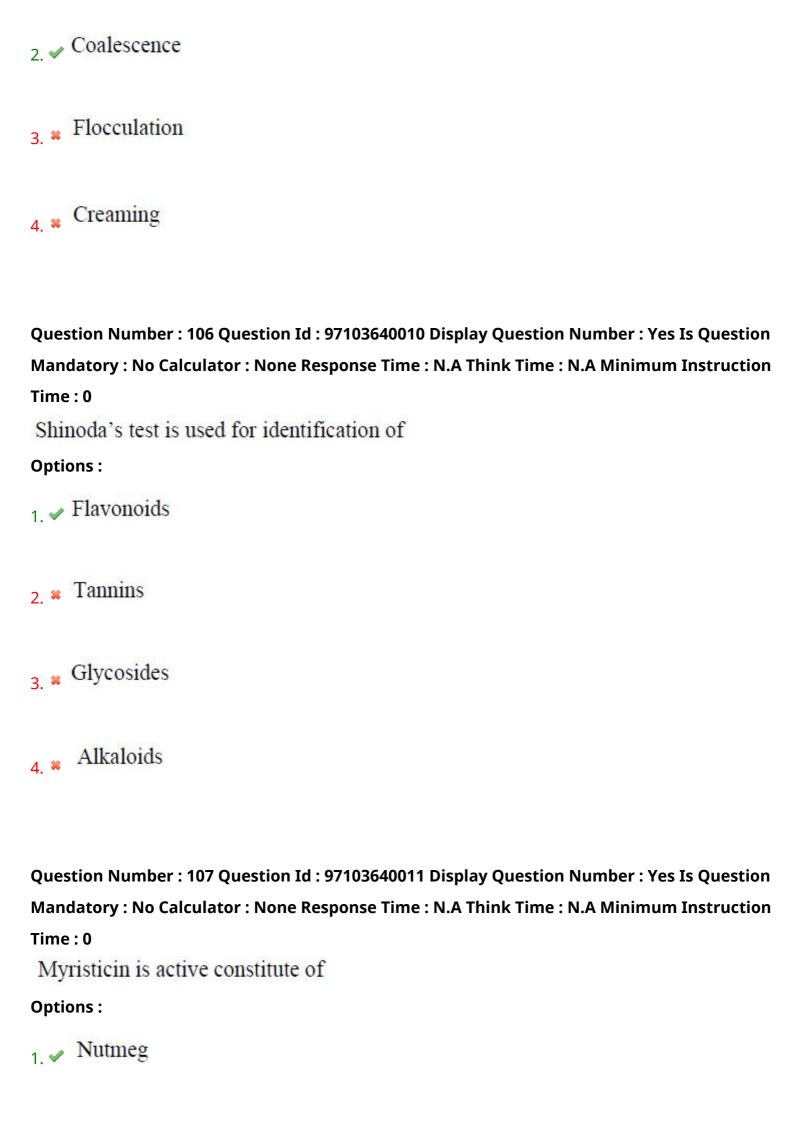
Question Number: 105 Question Id: 97103640009 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

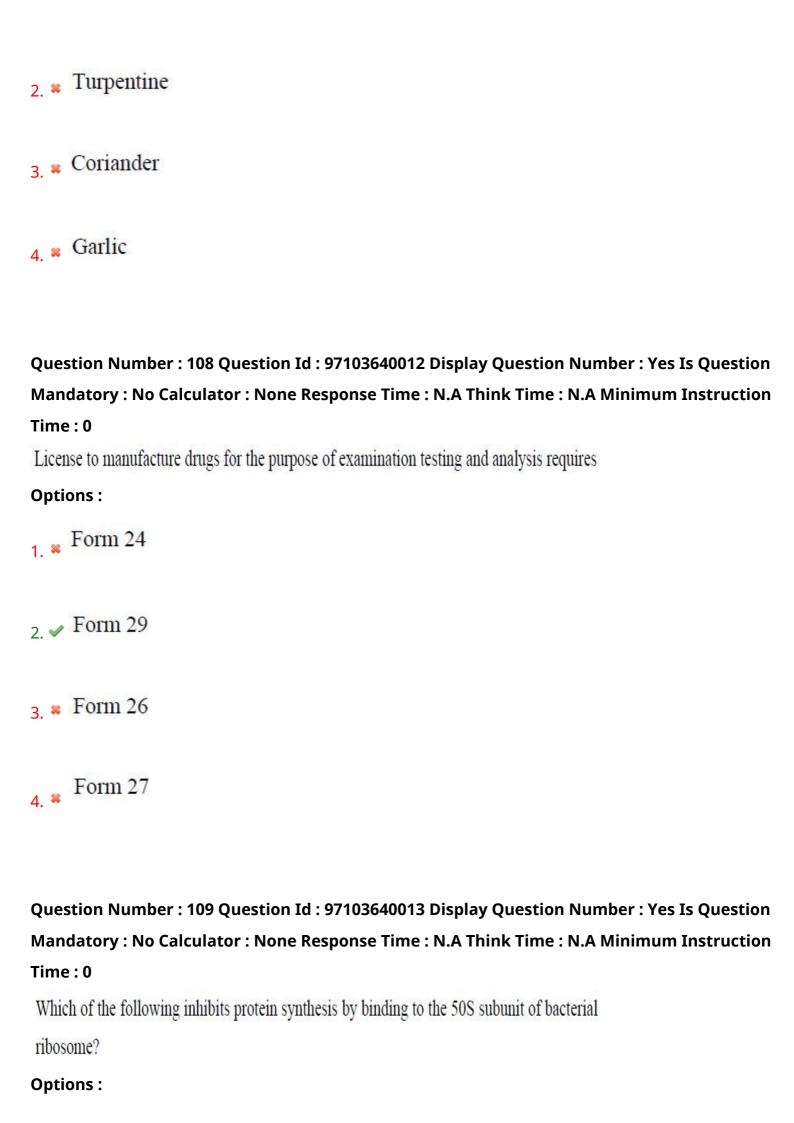
Time: 0

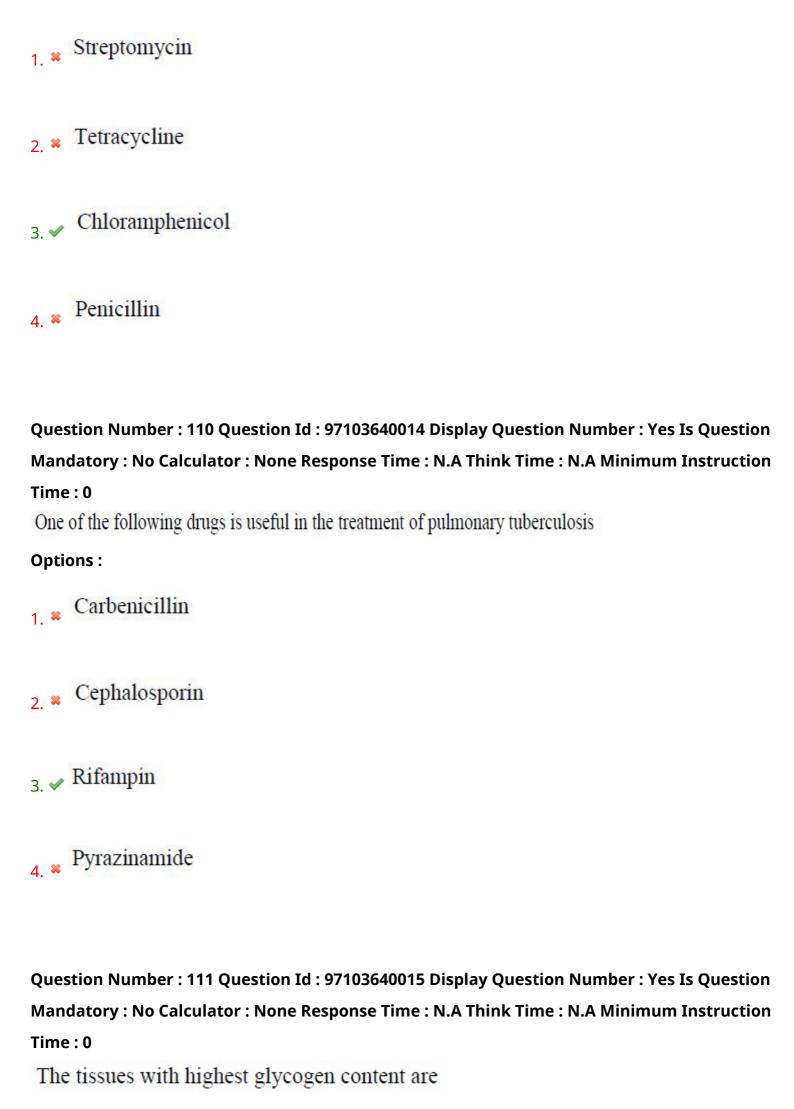
In the stability of emulsion, which important instability step should be prevented?

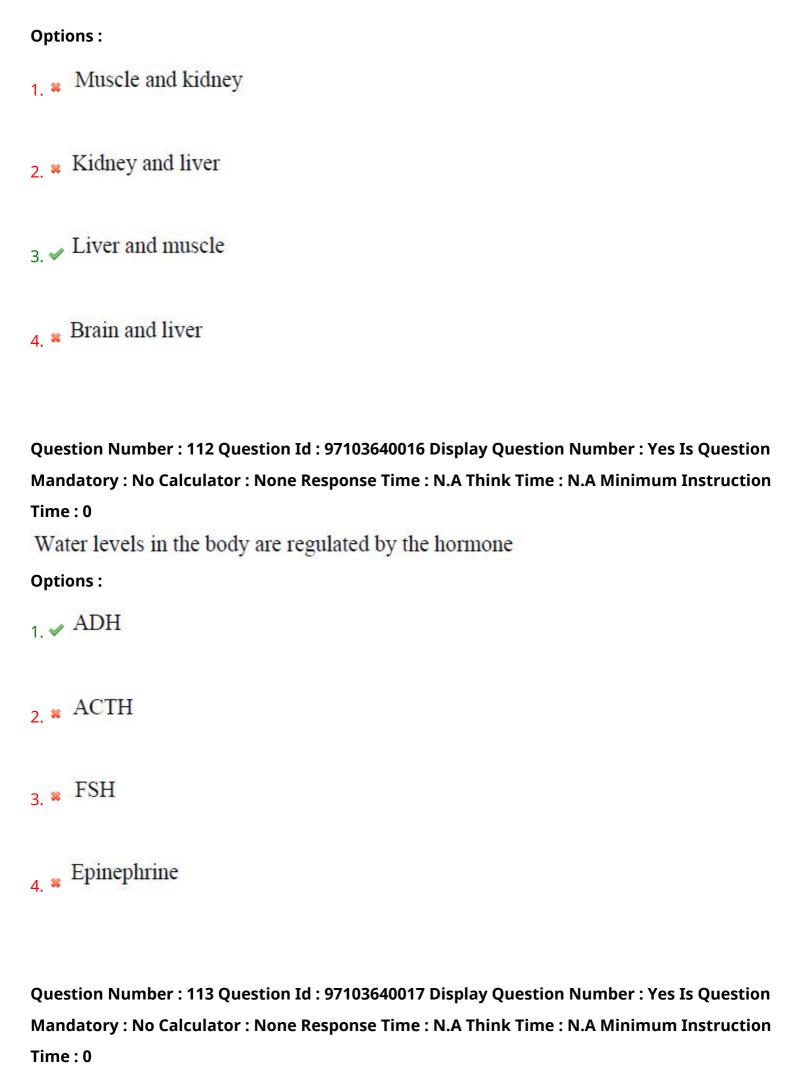
Options:

1. Breaking





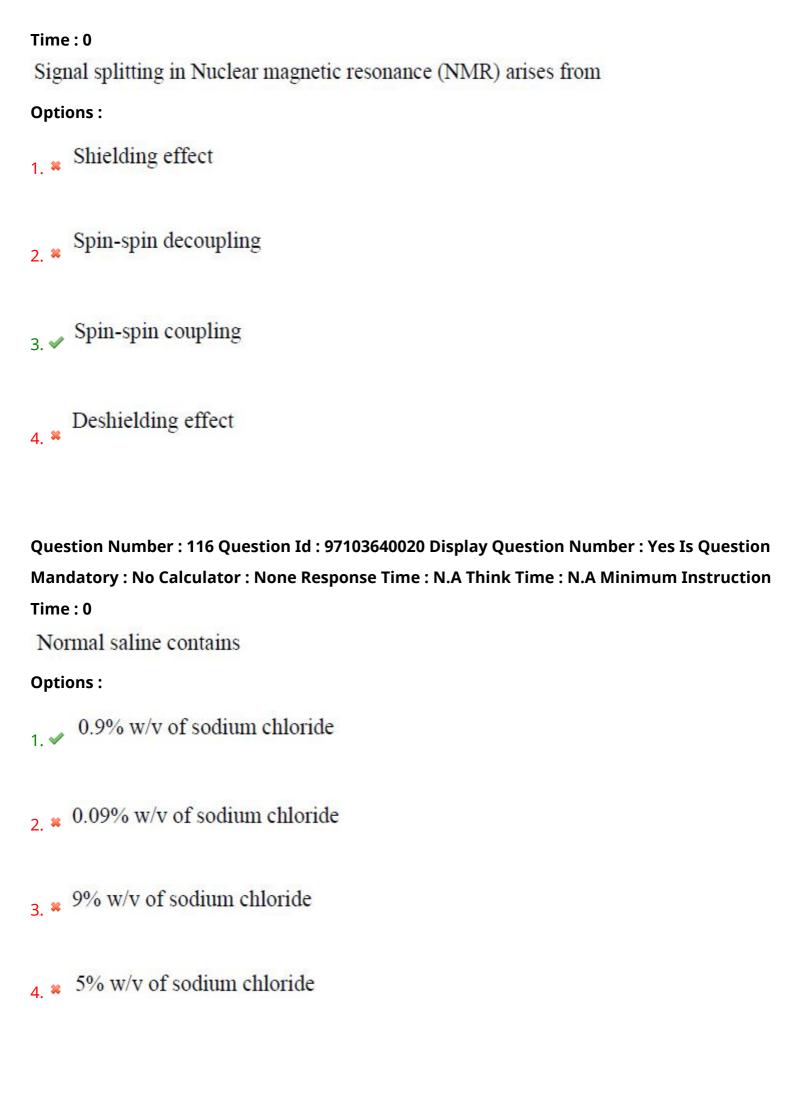


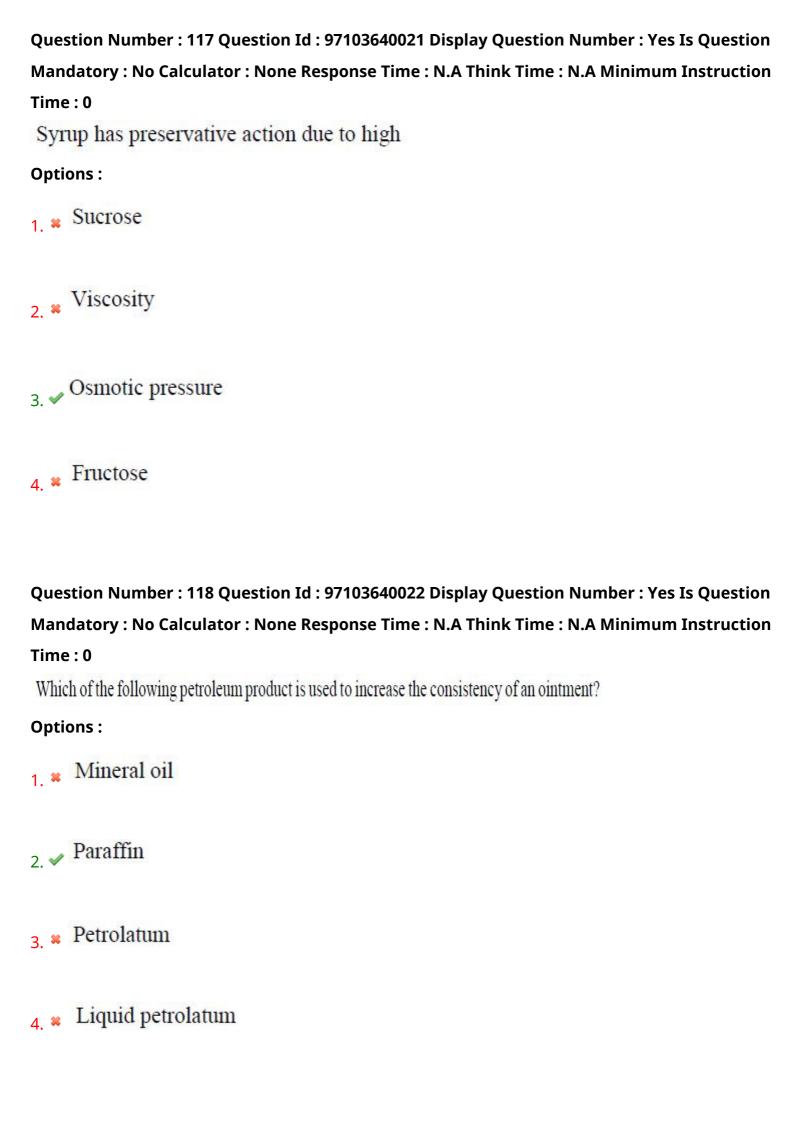


Options:
1. * Ascorbic acid
2. * Pantothenic acid
3. * Pyridoxine
4. Niacin
Question Number : 114 Question Id : 97103640018 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Gout is a metabolic disorder of metabolism
Options :
1. * Pyrimidine
2. Purine
3. * Alanine
4. * Phenylanaline
Question Number : 115 Question Id : 97103640019 Display Question Number : Yes Is Question

Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction

Pellagra is caused due to the deficiency of





Question Number: 119 Question Id: 97103640023 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Biological source of Punarnava is **Options:** 1. Boerrhavia diffusa 2. * Phyllanthus emblica 3. * Evolvulus alsinoides 4. * Convolvulus macrophylla Question Number: 120 Question Id: 97103640024 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0 Generally, pastes contain **Options:** High percentage of insoluble solids 2 * Low percentage of insoluble solids 3. * High percentage of soluble solids

4. * Low percentage of soluble solids

Question Number: 121 Question Id: 97103640025 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

In pharmacokinetics what does the acronym ADME stands for?

Options:

- Absorption, Distribution, Metabolism and Excretion
- Administration, Differentiation, Metabolism and Excretion
- 3. * Absorption, Disintegration, Metabolism and Efficacy
- Administration, Distribution, Metabolism and Efficacy

Question Number: 122 Question Id: 97103640026 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction Time: 0

Which of the following is the correct definition of bioavailability?

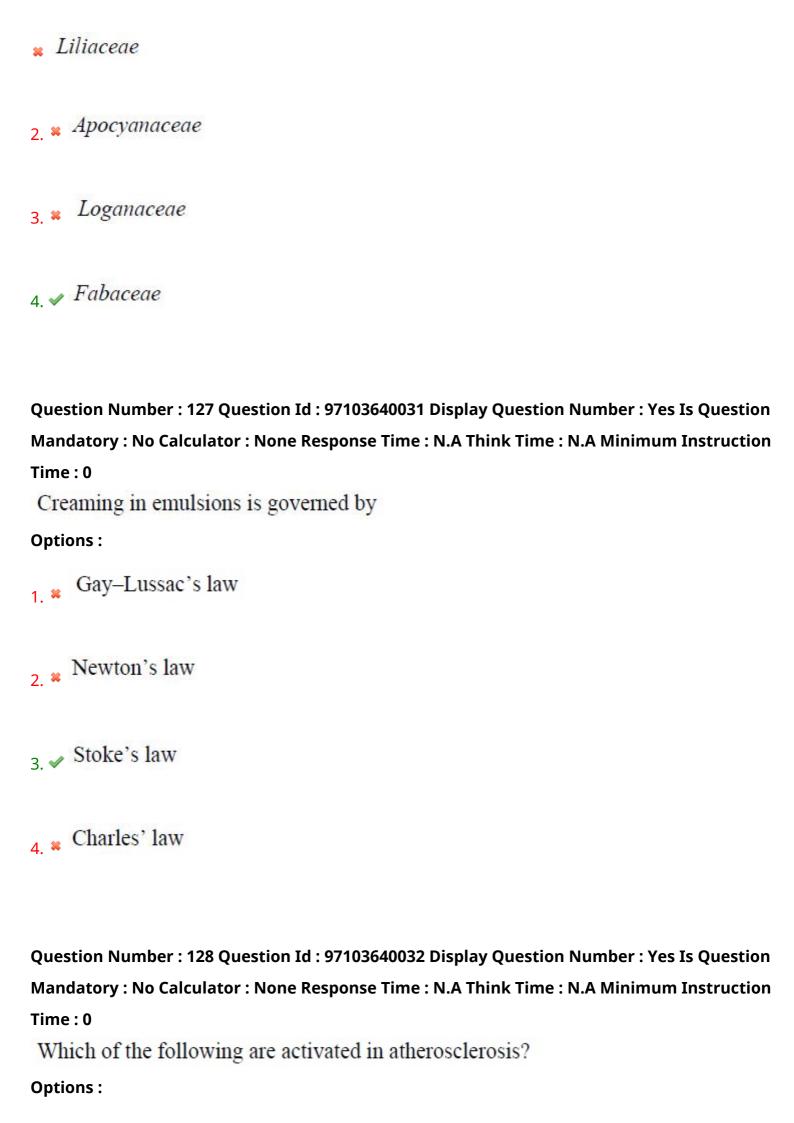
Options:

Bioavailability describes the proportion of the drug administered that is metabolised very quickly and thus is not available to induce a physiological effect

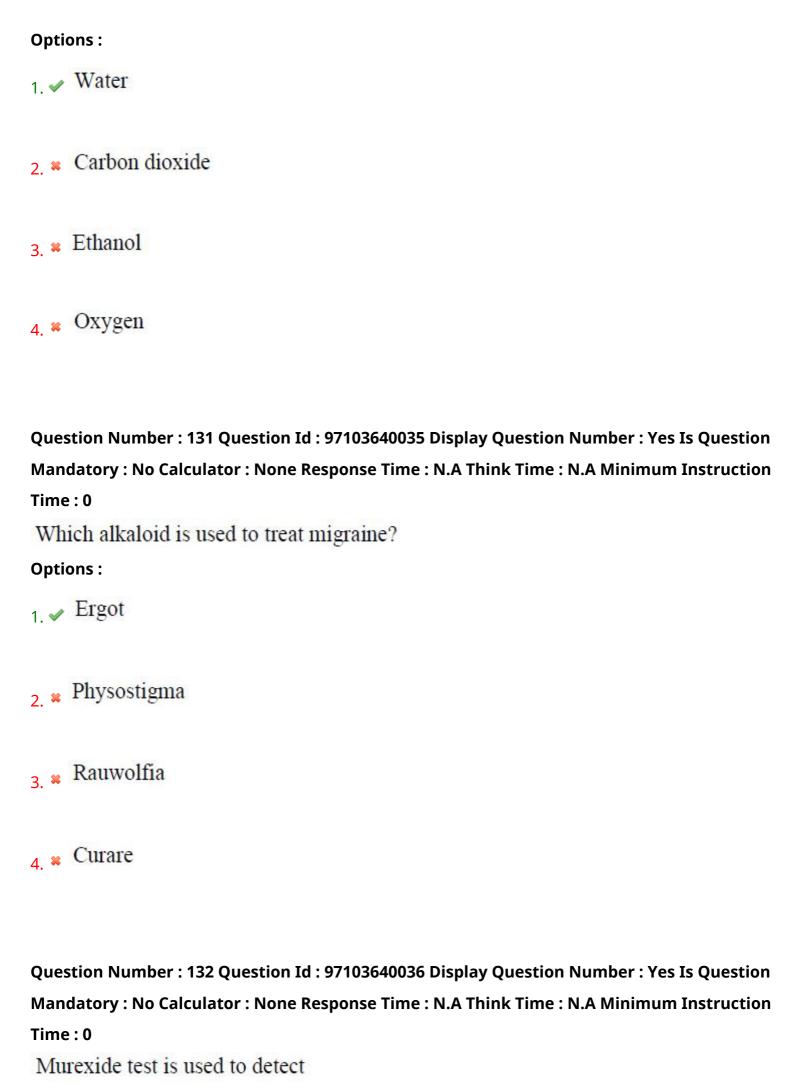
Bioavailability describes the ability of the administered drug metabolites to cause undesirable physiological effects.

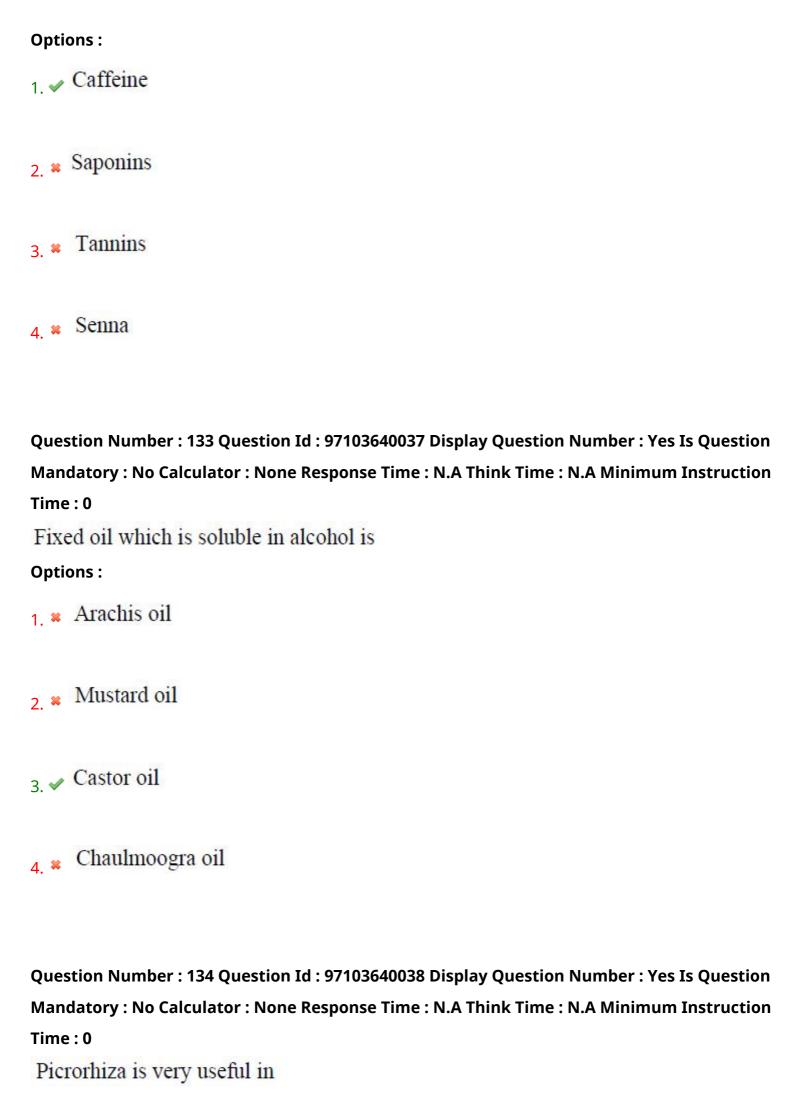
Bioava	ilability is used to describe the fraction of the dose of drug administered that is present
3. * within	the body and facilitates the desired physiological effects
	ilability is the length of time an administered drug is present in the body and thus is le to cause a physiological effect.
Question N	lumber : 123 Question Id : 97103640027 Display Question Number : Yes Is Question
-	: No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0	
Cetrimid	e and Macrogols are examples of
Options :	
1. * Swe	etening agent
2. * Colo	ouring agent
3. ✓ Emu	lsifying agent
4. * Wett	ing agent
Question N	lumber : 124 Question Id : 97103640028 Display Question Number : Yes Is Question
	: No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0	. 140 Calcalator . 14011c Response Time . 14.A Timb Time . 14.A Millimani Mistraction
	in which powders enclosed are made up of
Options :	
4 Gela	tine

2. * Rice flour
3. * Fructose
4. * Dextrose
Question Number: 125 Question Id: 97103640029 Display Question Number: Yes Is Question Mandatory: No Calculator: None Response Time: N.A Think Time: N.A Minimum Instruction
Time: 0
Beneficence may be defined as
Options:
1. * Avoiding causing harm to a patient
2. ✓ Promoting well-being or doing good for a patient
Respecting the decisions of a patient
4. Providing a benefit to the patient
Question Number: 126 Question Id: 97103640030 Display Question Number: Yes Is Question
Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Liquorice belongs to the family
Options:
1.



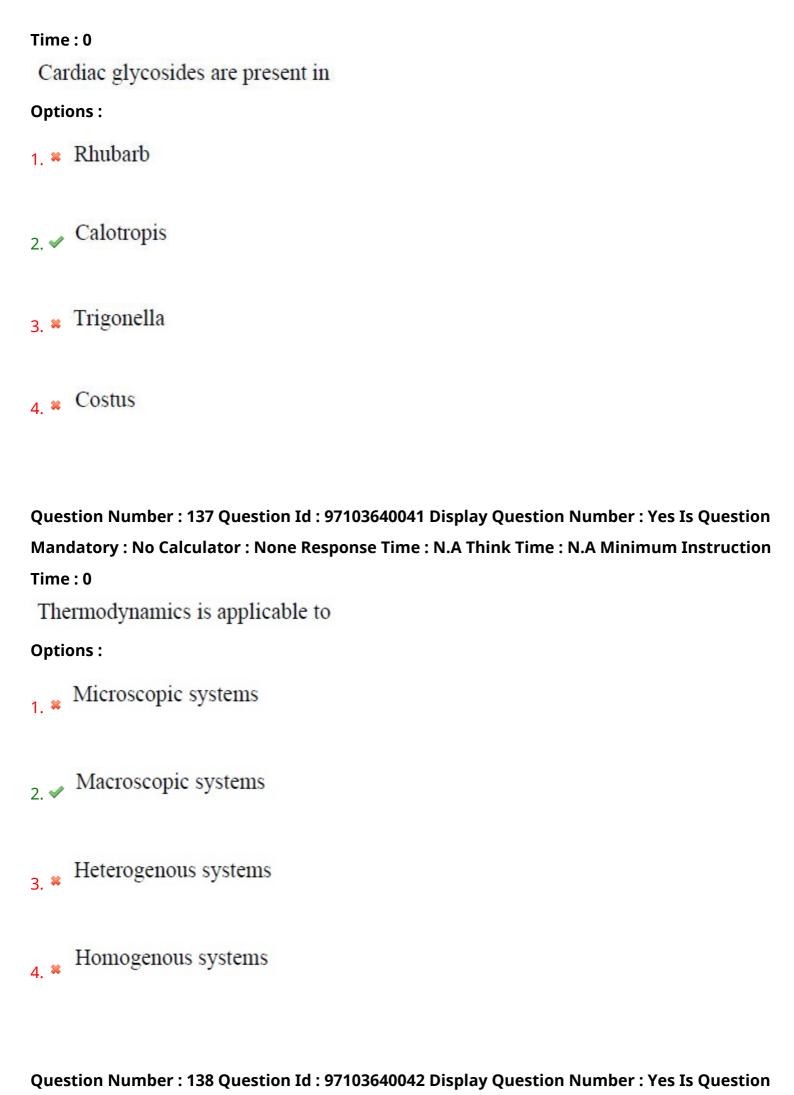
1. * Eosinophils
2. Macrophages
3. * Cytokines
4. * Neutrophils
Question Number : 129 Question Id : 97103640033 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0
Callus can be easily initiated from the following tissues of roots and shoots
Options :
1. * Sclerenchymatous
2. Collenchymatous
Daganahamatana
3. * Parenchymatous
3. * Fibrous 4. * Fibrous

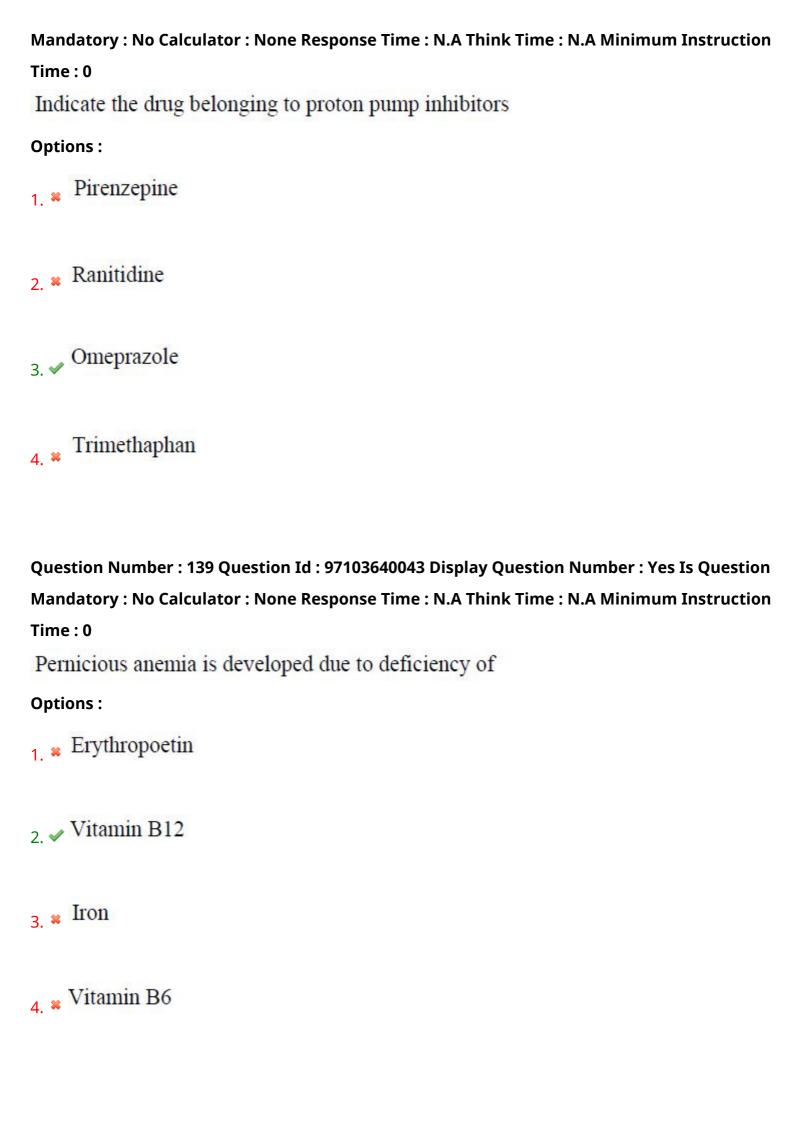




Options:
1. * Bronchitis
2. * Kidney stone
3. Jaundice
4. * Hyperacidity
Question Number : 135 Question Id : 97103640039 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Time: 0
Which species of the following is used to bombard with the sample for which
mass spectroscopy has been performed?
Options :
1. * Alpha particles
2. * Neutrons
3. * Protons
4. V Electrons
Question Number: 136 Question Id: 97103640040 Display Question Number: Ves Is Question

 ${\bf Mandatory: No\ Calculator: None\ Response\ Time: N.A\ Think\ Time: N.A\ Minimum\ Instruction}$





Que	estion Number : 140 Question Id : 97103640044 Display Question Number : Yes Is Question
Maı	ndatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction
Tim	e:0
Int	terferon alpha administration is to treat
Opt	ions :
1. *	Autoimmune diseases
2. **	Rheumatoid arthritis
3. 🕷	Organ transplantation

4. Hepatitis C virus infection