Entrance Exam

2024



QUESTION PAPER

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Notations :

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

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

Question Paper Name :	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
Change Theme :	No
Help Button :	No
Show Reports :	No

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

Research Methodology

Section Id :	971036567
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	66
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
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. ✖ Understanding

3. ✔ Critical thinking

4. ✖ Repetition

Question Number : 2 Question Id : 97103639905 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What are the characteristics of adult learners?

Options :

1. ✖ 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?

Options :

1. ✖ Teacher's authority

2. ✔ Student involvement and active participation

3. ✖ Memorization of facts

4. ✖ 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 :

1. ✖ Digital Repository

2. ✖ Virtual 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 :

1. ✖ Rigid structure

2. ✖ Sole reliance on exams

3. ✔ Continuous assessment

4. ✖ 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

2. ✖ To increase computer speed

3. ✖ To enhance graphics processing

4. ✖ 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

2.

✖ Increase 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 :

1. ✖ Emphasis on subjective experiences

2. ✔ Focus on numbers and statistical analysis

3. ✖ 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

3. ✔ 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 :

1. ✖ Qualitative approach

2. ✖ Historical approach

3. ✔ Positivistic approach

4. ✖ 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

2. ✖ 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 Instruct

Time : 0

What is the first step in the research process?

Options :

1. ✖ Analysis of findings

2. ✔ Formulation of research questions

3. ✖ Data Collection

4. ✖ Conducting literature review

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 :

1. ✖ To confuse the reader

2. ✖ To demonstrate the author's intelligence

3. ✔ To enable verification

4. ✖ 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 :

1. ✖ By discouraging collaboration

2. ✖ By limiting access to information

3. ✔ By facilitating data collection, analysis, and dissemination

4. ✖ 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 :

1. ✖ 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 :

1. ✖ Browser

2. ✔ Spreadsheet

3. ✖ 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?

Options :

1. ✖ One-way communication

2. ✖ Lack of feedback

3. ✔ Clear instructions and feedback

4. ✖ Ambiguous messages

Question Number : 19 Question Id : 97103639922 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 common barrier to effective communication?

Options :

1. ✖ Active listening

2. ✖ Clarity in expression

3. ✔ Language differences

4. ✖ 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 :

1. ✖ South Korea

2. ✔ Japan

3. ✖ Mexico

4. ✖ Malaysia

Question Number : 22 Question Id : 97103639926 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Why labour-based competitive advantages of India and Singapore cannot be sustained in IT and service sectors?

Options :

1. ✖ Due to diminishing levels of skill

2. ✖ Due to capital-intensive technology making inroads

3. ✔ Because of new competitors

4. ✖ Because of shifting of labour-based advantage in manufacturing industries.

Question Number : 23 Question Id : 97103639927 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How can an organisation enjoy competitive advantage sustainable overtime?

Options :

1. ✖ Through regional capital flows

2. ✖ Through regional interactions among business players.

3. ✖ By making large banks, industries and markets coalesced.

4. ✔ 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 :

1. ✖ 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

Options :

1. ✔ Global financial flow

2. ✖ Absence of competition in manufacturing industry

3. ✖ Regionalisation of capitalists

4. ✖ Organizational incompatibility

Is Section Default? : null

Question Number : 26 Question Id : 97103639930 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 mass-media in society?

Options :

1. ✖ To confuse people

2. ✖ To entertain only

3. ✔ To inform, educate, and entertain

4. ✖ To restrict information flow

Question Number : 27 Question Id : 97103639931 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What can enhance group communication?

Options :

1. ✖ Lack of diversity in the group

2. ✖ Conflict avoidance

3. ✔ Open and honest communication

4. ✖ Minimal interaction

Question Number : 28 Question Id : 97103639932 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What letter comes next in the series: A, C, E, G, ___?

Options :

1. ✖ H

2. ✔ I

3. ✖ F

4. ✖ J

Question Number : 29 Question Id : 97103639933 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 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 Questio

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

Time : 0

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

Options :

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

Options :

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 :

1. ✖ 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 :

1. ✖ Evaluating analogies

2. ✔ Establishing the validity of arguments

3. ✖ Distinguishing deductive and inductive reasoning

4. ✖ 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 :

1. ✔ 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

3. ✖ 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 :

1. ✖ To send emails

2. ✖ To scan documents

3. ✔ To store and retrieve information quickly

4. ✖ 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 :

1. ✖ Pratyaksha

2. ✖ Anumana

3. ✔ Shabda

4. ✖ Upamana

Question Number : 41 Question Id : 97103639945 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 an example of cloud computing service in ICT?

Options :

1. ✖ Microsoft Excel

2. ✔ Google Drive

3. ✖ Adobe Photoshop

4. ✖ Windows Media Player

Question Number : 42 Question Id : 97103639946 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is causation in research?

Options :

1. ✖ The process of proving a hypothesis

2. ✖ The final conclusion of a research study

3. ✖ The outcome of hypothesis testing

4. ✔ 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 Time : 0

Study the following table and answer the questions given below it.
Production of sugar by six major production units of India in Million Tonnes

PRODUCTION UNITS						
MONTH	A	B	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 Time : 0

Study the following table and answer the questions given below it.
Production of sugar by six major production units of India in Million Tonnes

PRODUCTION UNITS						
MONTH	A	B	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 :

1. ✔ A

2. ✖ B

3. ✖ C

4. ✖ D

Question Number : 46 Question Id : 97103639950 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Study the following table and answer the questions given below it.
Production of sugar by six major production units of India in Million Tonnes

PRODUCTION UNITS						
MONTH	A	B	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 Time : 0

Study the following table and answer the questions given below it.
Production of sugar by six major production units of India in Million Tonnes

PRODUCTION UNITS						
MONTH	A	B	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 :

1. ✔ One

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 Time : 0

Study the following table and answer the questions given below it.
Production of sugar by six major production units of India in Million Tonnes

PRODUCTION UNITS						
MONTH	A	B	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 :

1. ✖ 8 %

2. ✔ 10 %

3. ✖ 15 %

4. ✖ 18 %

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?

Options :

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?

Options :

1. ✖ Sending emails

2. ✔ Accessing websites

3. ✖ Creating documents

4. ✖ Playing videos

Question Number : 52 Question Id : 97103639956 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 a digital initiative in higher education?

Options :

1. ✖ Sending traditional mail

2. ✔ Conducting online courses

3. ✖ Using landline phones

4. ✖ Reading printed textbooks

Question Number : 53 Question Id : 97103639957 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What does "CC" stand for in an email?

Options :

1. ✔ Carbon Copy

2. ✖ Courtesy Copy

3. ✖ Computer Copy

4. ✖ Central Copy

Question Number : 54 Question Id : 97103639958 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 advantage of audio-conferencing?

Options :

1. ✖ Real-time visual interaction

2. ✔ Cost-effectiveness

3. ✖ Faster data transmission

4. ✖ Physical presence required

Question Number : 55 Question Id : 97103639959 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 contribute to governance?

Options :

1. ✖ By slowing down bureaucratic processes

2. ✖ By reducing transparency

3. ✔ By improving communication and decision-making

4. ✖ By increasing paperwork

Question Number : 56 Question Id : 97103639960 Display Question Number : Yes Is Questi

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

2. ✖ Concept

3. ✔ Variable

4. ✖ Causation

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 :

1. ✖ Communication within an organization

2. ✖ 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?

Options :

1. ✖ 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 :

1. ✖ 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?

Options :

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 :

1. ✖ To confuse readers

2. ✖ To hide important findings

3. ✔ To simplify complex data

4. ✖ 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 :

1. ✖ Nuclear energy

2.

✖ Fossil fuels

3. ✔ Solar energy

4. ✖ 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 :

1. ✖ Rio Summit

2. ✔ Montreal Protocol

3. ✖ Kyoto Protocol

4. ✖ 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?

Options :

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 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 :

1. ✖ Shift towards skill-based education

2. ✖ Emphasis on non-conventional learning

3. ✔ Establishment of new institutions and universities

4. ✖ Decline in professional education

Question Number : 67 Question Id : 97103639971 Display Question Number : Yes Is Questi

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 :

1. ✖ Collaborating with other researchers

2. ✖ Citing sources properly

3. ✔ Using someone else's ideas without credit

4. ✖ 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 :

1. ✖ 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

3. ✖ Technical education

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 :

1. ✖ Mumbai

2. ✖ Hyderabad

3. ✔ 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?

Options :

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 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. ✖ Viscosity

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 :

1. ✖ 0.2 N Iodine

2. ✖ Tannic acid

3. ✖ Acetic acid

4. ✔ 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 :

1. ✖ Breach of confidence

2. ✖ Breach of duty of care resulting in minor injury

3. ✖ Defamation

4. ✔ Sale of pharmacy (P) medicines by a pharmacy student from a pharmacy where 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 :

1. ✖ Chemical incompatibility

2. ✖ Therapeutic incompatibility

3. ✔ Physical incompatibility

4. ✖ 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. ✖ vitamin 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

Options :

1. ✔ Tropane alkaloids

2. ✖ Steroids

3. ✖ Glycosides

4. ✖ Steroidal glycoalkaloids

Question Number : 81 Question Id : 97103639985 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chemically Veegum is

Options :

1. ✖ Magnesium silicate

2. ✖ Aluminium silicate

3. ✔ Magnesium aluminosilicate

4. ✖ Calcium oxide

Question Number : 82 Question Id : 97103639986 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ANDA stands for

Options :

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 Time : 0

An unequal distribution of color on the surface of the tablet is called

Options :

1. ✖ Cracking

2. ✖ Chipping

3. ✖ Picking

4. ✔ Mottling

Question Number : 85 Question Id : 97103639989 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of following dye is used for the leak test

Options :

1. ✖ Orange red

2. ✔ Methylene blue

3. ✖ Methylene red

4. ✖ Eosin

Question Number : 86 Question Id : 97103639990 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which test animal is used for pyrogen testing?

Options :

1. ✖ Rat

2. ✖ Mice

3. ✔ 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

4. ✖ Pilocarpine

Question Number : 88 Question Id : 97103639992 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

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 Instruct

Time : 0

The citric acid cycle is the final common oxidative pathway for _____

Options :

1. ✖ Carbohydrates

2. ✖ Fats

3. ✖ Amino acids

4. ✔ Carbobydrates, amino acids and fats

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

Beta oxidation of fatty acids takes place in

Options :

1. ✔ Mitochondria

2. ✖ Golgi bodies

3. ✖ Nucleus

4. ✖ Chloroplast

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 :

1. ✖ 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

Options :

1. ✖ Inhibition of protein synthesis by interacting with 30S ribosomes.

2. ✖ Inhibition of protein synthesis by interacting with 50S ribosomes.

3. ✔ Inhibition of DNA synthesis by interacting with topoisomerases.

4. ✖ 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 :

1. ✖ Sodium channel blockade

2. ✖ Calcium channel blockade

3. ✔ Potassium channel blockade

4. ✖ 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

Options :

1. ✖ Singlet ground state to singlet exited state

2. ✔ Lower singlet exited state to singlet ground state.

3. ✖ Triplet exited state to singlet ground state

4. ✖ Triplet ground state to singlet exited state

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

4. ✖ 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

Options :

1. ✖ *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 :

1. ✖ Colestipol

2. ✖ Cilostazol

3. ✖ Probucol

4. ✔ Ezetimibe

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

4. ✖ 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 :

1. ✔ *Campylobacter jejuni* infection

2. ✖ HIV infection

3. ✖ Renal transplantation

4. ✖ Use 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

3. ✖ KMnO4

4. ✔ ZnO

Question Number : 102 Question Id : 97103640006 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 sulfonamide is used in the treatment of malaria?

Options :

1. ✔ Sulfadoxine

2. ✖ Sulfadimidine

3. ✖ Sulfafurazole

4. ✖ Sulfasalazine

Question Number : 103 Question Id : 97103640007 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Tetracycline should be avoided during pregnancy and childhood because of

Options :

1. ✖ Susceptibility to superinfection

2. ✖ Intolerance

3. ✖ Bone marrow toxicity

4. ✔ 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 Time : 0

Antiflatulant compounds are used with the antacids for which purpose?

Options :

1. ✖ To maintain the pH of GIT

2. ✖ To dispense the foam

3. ✖ To avoid the interaction with absorption of metals

4. ✔ To minimize the effect of evolved CO_2

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

2. ✔ Coalescence

3. ✖ Flocculation

4. ✖ Creaming

Question Number : 106 Question Id : 97103640010 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Shinoda's test is used for identification of

Options :

1. ✔ Flavonoids

2. ✖ Tannins

3. ✖ Glycosides

4. ✖ Alkaloids

Question Number : 107 Question Id : 97103640011 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Myristicin is active constitute of

Options :

1. ✔ Nutmeg

2. ✖ Turpentine

3. ✖ Coriander

4. ✖ Garlic

Question Number : 108 Question Id : 97103640012 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

License to manufacture drugs for the purpose of examination testing and analysis requires

Options :

1. ✖ Form 24

2. ✔ Form 29

3. ✖ Form 26

4. ✖ Form 27

Question Number : 109 Question Id : 97103640013 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 inhibits protein synthesis by binding to the 50S subunit of bacterial ribosome?

Options :

1. ✖ Streptomycin

2. ✖ Tetracycline

3. ✔ Chloramphenicol

4. ✖ Penicillin

Question Number : 110 Question Id : 97103640014 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 drugs is useful in the treatment of pulmonary tuberculosis

Options :

1. ✖ Carbenicillin

2. ✖ Cephalosporin

3. ✔ Rifampin

4. ✖ Pyrazinamide

Question Number : 111 Question Id : 97103640015 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The tissues with highest glycogen content are

Options :

1. ✖ Muscle and kidney

2. ✖ Kidney and liver

3. ✔ Liver and muscle

4. ✖ Brain and liver

Question Number : 112 Question Id : 97103640016 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Water levels in the body are regulated by the hormone

Options :

1. ✔ ADH

2. ✖ ACTH

3. ✖ FSH

4. ✖ Epinephrine

Question Number : 113 Question Id : 97103640017 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pellagra is caused due to the deficiency of

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

Time : 0

Signal splitting in Nuclear magnetic resonance (NMR) arises from

Options :

1. ✖ Shielding effect

2. ✖ Spin-spin decoupling

3. ✔ Spin-spin coupling

4. ✖ Deshielding effect

Question Number : 116 Question Id : 97103640020 Display Question Number : Yes Is Questi

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

Time : 0

Normal saline contains

Options :

1. ✔ 0.9% w/v of sodium chloride

2. ✖ 0.09% w/v of sodium chloride

3. ✖ 9% w/v of sodium chloride

4. ✖ 5% w/v of sodium chloride

Question Number : 117 Question Id : 97103640021 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Syrup has preservative action due to high

Options :

1. ✖ Sucrose

2. ✖ Viscosity

3. ✔ Osmotic pressure

4. ✖ Fructose

Question Number : 118 Question Id : 97103640022 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 petroleum product is used to increase the consistency of an ointment?

Options :

1. ✖ Mineral oil

2. ✔ Paraffin

3. ✖ Petrolatum

4. ✖ Liquid petrolatum

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 :

1. ✔ 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 :

1. ✔ Absorption, Distribution, Metabolism and Excretion

2. ✖ Administration, Differentiation, Metabolism and Excretion

3. ✖ Absorption, Disintegration, Metabolism and Efficacy

4. ✖ 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 :

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

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

3. ✖ Bioavailability is used to describe the fraction of the dose of drug administered that is present within the body and facilitates the desired physiological effects

4. ✔ Bioavailability is the length of time an administered drug is present in the body and thus is available to cause a physiological effect.

Question Number : 123 Question Id : 97103640027 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Cetrimide and Macrogols are examples of _____

Options :

1. ✖ Sweetening agent

2. ✖ Colouring agent

3. ✔ Emulsifying agent

4. ✖ Wetting agent

Question Number : 124 Question Id : 97103640028 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Capsules in which powders enclosed are made up of _____

Options :

1. ✔ Gelatine

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

3. ✖ 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.

✖ *Liliaceae*

2. ✖ *Apocyanaceae*

3. ✖ *Loganaceae*

4. ✔ *Fabaceae*

Question Number : 127 Question Id : 97103640031 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Creaming in emulsions is governed by

Options :

1. ✖ Gay–Lussac's law

2. ✖ Newton's law

3. ✔ Stoke's law

4. ✖ Charles' law

Question Number : 128 Question Id : 97103640032 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 are activated in atherosclerosis?

Options :

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

3. ✖ Parenchymatous

4. ✖ Fibrous

Question Number : 130 Question Id : 97103640034 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A reaction between an acid and an alcohol produces an ester and_____

Options :

1. ✔ Water

2. ✖ Carbon dioxide

3. ✖ Ethanol

4. ✖ Oxygen

Question Number : 131 Question Id : 97103640035 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which alkaloid is used to treat migraine?

Options :

1. ✔ Ergot

2. ✖ Physostigma

3. ✖ Rauwolfia

4. ✖ Curare

Question Number : 132 Question Id : 97103640036 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Murexide test is used to detect

Options :

1. ✔ Caffeine

2. ✖ Saponins

3. ✖ Tannins

4. ✖ Senna

Question Number : 133 Question Id : 97103640037 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fixed oil which is soluble in alcohol is

Options :

1. ✖ Arachis oil

2. ✖ Mustard oil

3. ✔ Castor oil

4. ✖ Chaulmoogra oil

Question Number : 134 Question Id : 97103640038 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Picrorhiza is very useful in

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. ✔ Electrons

Question Number : 136 Question Id : 97103640040 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction

Time : 0

Cardiac glycosides are present in

Options :

1. ✖ Rhubarb

2. ✔ Calotropis

3. ✖ Trigonella

4. ✖ Costus

Question Number : 137 Question Id : 97103640041 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruct

Time : 0

Thermodynamics is applicable to

Options :

1. ✖ Microscopic systems

2. ✔ Macroscopic systems

3. ✖ Heterogenous systems

4. ✖ Homogenous systems

Question Number : 138 Question Id : 97103640042 Display Question Number : Yes Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Indicate the drug belonging to proton pump inhibitors

Options :

1. ✖ Pirenzepine

2. ✖ Ranitidine

3. ✔ Omeprazole

4. ✖ Trimethaphan

Question Number : 139 Question Id : 97103640043 Display Question Number : Yes Is Quest

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pernicious anemia is developed due to deficiency of

Options :

1. ✖ Erythropoetin

2. ✔ Vitamin B12

3. ✖ Iron

4. ✖ Vitamin B6

Question Number : 140 Question Id : 97103640044 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Interferon alpha administration is to treat_____

Options :

1. ✖ Autoimmune diseases

2. ✖ Rheumatoid arthritis

3. ✖ Organ transplantation

4. ✔ Hepatitis C virus infection

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