

National Testing Agency

Question Paper Name :	Pharmacy Eng 26th June 2023 Shift 3
Subject Name :	Pharmacy Eng
Creation Date :	2023-06-26 20:45:54
Duration :	120
Total Marks :	400
Display Marks:	Yes

Pharmacy

Group Number :	1
Group Id :	920906270
Group Maximum Duration :	0
Group Minimum Duration :	120
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	400
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Part A

Section Id :	920906539
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	21
Number of Questions to be attempted :	21
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906874
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 92090627230 Question Type : COMPREHENSION 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 : (1 to 5)

Question Label : Comprehension

All over the world the wild fauna has been whittled down steadily and remorselessly, and many lovely and interesting animals have been so reduced in numbers that, without protection and help, they can never re-establish themselves. If they cannot find sanctuary where they can live and breed undisturbed, their numbers will dwindle until they join the dodo, the quagga, and the great auk on the long list of extinct creatures.

Of course, in the last decade or so, much has been done for the protection of wild life: sanctuaries and reserves have been started, and the reintroduction of species into areas where it had become extinct is taking place. In Canada, for instance, beavers are now being reintroduced into certain areas by means of aeroplane.

But although much is being done, there is still a very great deal to do. Unfortunately, the majority of useful work in animal preservation has been done mainly for animals which are of some economic importance to man and there are many obscure species of no economic importance which, although they are protected on paper, are in actual fact being allowed to die out because nobody, except a few interested zoologists, considers them important enough to spend money on.

As mankind increases year by year, and as he spreads farther over the globe burning and destroying, it is some small comfort to know that there are certain private individuals and some institutions who consider that the work of trying to save and give sanctuary to these harried animals is of some importance. It is important for many reasons, but perhaps the best of them is this: man for all his genius, cannot create a species, nor can he recreate one he has destroyed. So until we consider animal life to be worthy of the consideration and reverence we bestow upon old books and pictures and historic monuments, there will always be the animal refugee living precarious life on the edge of extermination, dependent for existence on the charity of a few human beings.

Read the passage and answer the following questions:

Sub questions

Question Number : 1 Question Id : 92090627231 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

What attitude towards wild life does the author think most appropriate?

- | | |
|---------------|----------|
| (1) reverence | (2) pity |
| (3) sympathy | (4) fear |

Options :

920906107601. 1
920906107602. 2
920906107603. 3
920906107604. 4

Question Number : 2 Question Id : 92090627232 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following animal species has been saved from extinction?

- | | |
|----------|------------|
| (1) dodo | (2) quagga |
| (3) auk | (4) beaver |

Options :

920906107605. 1
920906107606. 2
920906107607. 3
920906107608. 4

Question Number : 3 Question Id : 92090627233 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following would prove most effective in preserving wild life?

- | | |
|-----------------|--|
| (1) Sanctuaries | (2) Law against destruction of wild life |
| (3) More Zoos | (4) Allocation of more funds |

Options :

920906107609. 1
920906107610. 2
920906107611. 3
920906107612. 4

Question Number : 4 Question Id : 92090627234 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Animals species should be preserved mainly because:

- (1) they are lovely creatures.
- (2) they are killed by cruel people.
- (3) zoologist want to study them.
- (4) man cannot recreate a species of animals if it be destroyed.

Options :

- 920906107613. 1
- 920906107614. 2
- 920906107615. 3
- 920906107616. 4

Question Number : 5 Question Id : 92090627235 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Certain species of wild life is about to become extinct mainly because:

- (1) they are killed by people callously.
- (2) sanctuaries are not maintained properly.
- (3) people are ignorant.
- (4) they cannot find a sanctuary where they can live and breed undisturbed.

Options :

- 920906107617. 1
- 920906107618. 2
- 920906107619. 3
- 920906107620. 4

Question Id : 92090627230 Question Type : COMPREHENSION 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 : (1 to 5)

Question Label : Comprehension

All over the world the wild fauna has been whittled down steadily and remorselessly, and many lovely and interesting animals have been so reduced in numbers that, without protection and help, they can never re-establish themselves. If they cannot find sanctuary where they can live and breed undisturbed, their numbers will dwindle until they join the dodo, the quagga, and the great auk on the long list of extinct creatures.

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But although much is being done, there is still a very great deal to do. Unfortunately, the majority of useful work in animal preservation has been done mainly for animals which are of some economic importance to man and there are many obscure species of no economic importance which, although they are protected on paper, are in actual fact being allowed to die out because nobody, except a few interested zoologists, considers them important enough to spend money on.

As mankind increases year by year, and as he spreads farther over the globe burning and destroying, it is some small comfort to know that there are certain private individuals and some institutions who consider that the work of trying to save and give sanctuary to these harried animals is of some importance. It is important for many reasons, but perhaps the best of them is this: man for all his genius, cannot create a species, nor can he recreate one he has destroyed. So until we consider animal life to be worthy of the consideration and reverence we bestow upon old books and pictures and historic monuments, there will always be the animal refugee living precarious life on the edge of extermination, dependent for existence on the charity of a few human beings.

Read the passage and answer the following questions:

Sub questions

Question Number : 1 Question Id : 92090627231 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

What attitude towards wild life does the author think most appropriate?

- | | |
|---------------|----------|
| (1) reverence | (2) pity |
| (3) sympathy | (4) fear |

Options :

- 920906107601. 1
- 920906107602. 2
- 920906107603. 3
- 920906107604. 4

Question Number : 2 Question Id : 92090627232 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following animal species has been saved from extinction?

- | | |
|----------|------------|
| (1) dodo | (2) quagga |
| (3) auk | (4) beaver |

Options :

- 920906107605. 1
- 920906107606. 2
- 920906107607. 3
- 920906107608. 4

Question Number : 3 Question Id : 92090627233 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following would prove most effective in preserving wild life?

- | | |
|-----------------|--|
| (1) Sanctuaries | (2) Law against destruction of wild life |
| (3) More Zoos | (4) Allocation of more funds |

Options :

- 920906107609. 1
- 920906107610. 2
- 920906107611. 3
- 920906107612. 4

Question Number : 4 Question Id : 92090627234 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Animals species should be preserved mainly because:

- (1) they are lovely creatures.
- (2) they are killed by cruel people.
- (3) zoologist want to study them.
- (4) man cannot recreate a species of animals if it be destroyed.

Options :

- 920906107613. 1

920906107614. 2

920906107615. 3

920906107616. 4

Question Number : 5 Question Id : 92090627235 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Certain species of wild life is about to become extinct mainly because:

- (1) they are killed by people callously.
- (2) sanctuaries are not maintained properly.
- (3) people are ignorant.
- (4) they cannot find a sanctuary where they can live and breed undisturbed.

Options :

920906107617. 1

920906107618. 2

920906107619. 3

920906107620. 4

Sub-Section Number :

2

Sub-Section Id :

920906875

Question Shuffling Allowed :

Yes

Is Section Default? :

null

Question Number : 6 Question Id : 92090627236 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct proposition from the options given to make a meaningful sentence.

The boys equally divided the chocolates_____ themselves.

- (1) between
- (2) among
- (3) with
- (4) by

Options :

920906107621. 1

920906107622. 2

920906107623. 3

920906107624. 4

Question Number : 6 Question Id : 92090627236 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct proposition from the options given to make a meaningful sentence.

The boys equally divided the chocolates _____ themselves.

- (1) between
- (2) among
- (3) with
- (4) by

Options :

920906107621. 1

920906107622. 2

920906107623. 3

920906107624. 4

Question Number : 7 Question Id : 92090627237 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct form from verb to make a meaningful sentence.

Neither of the contestants _____ to win.

- (1) is able
- (2) was able
- (3) were able
- (4) has able

Options :

920906107625. 1

920906107626. 2

920906107627. 3

920906107628. 4

Question Number : 7 Question Id : 92090627237 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct form from verb to make a meaningful sentence.

Neither of the contestants _____ to win.

- (1) is able
- (2) was able
- (3) were able
- (4) has able

Options :

- 920906107625. 1
- 920906107626. 2
- 920906107627. 3
- 920906107628. 4

Question Number : 8 Question Id : 92090627238 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Pick out the correctly spelt word:

- (1) emberrass
- (2) embarress
- (3) embarass
- (4) embarrors

Options :

- 920906107629. 1
- 920906107630. 2
- 920906107631. 3
- 920906107632. 4

Question Number : 8 Question Id : 92090627238 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Pick out the correctly spelt word:

- (1) emberrass
- (2) embarress
- (3) embarass
- (4) embarrors

Options :

- 920906107629. 1
- 920906107630. 2
- 920906107631. 3
- 920906107632. 4

Question Number : 9 Question Id : 92090627239 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the underlined idiom from the options given :-

Sunita is an apple of her father's eye

- | | |
|--------------------|---------------|
| (1) lovable | (2) talkative |
| (3) uncontrollable | (4) hated |

Options :

- 920906107633. 1
- 920906107634. 2
- 920906107635. 3
- 920906107636. 4

Question Number : 9 Question Id : 92090627239 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the meaning of the underlined idiom from the options given :-

Sunita is an apple of her father's eye

- | | |
|--------------------|---------------|
| (1) lovable | (2) talkative |
| (3) uncontrollable | (4) hated |

Options :

- 920906107633. 1
- 920906107634. 2
- 920906107635. 3
- 920906107636. 4

Question Number : 10 Question Id : 92090627240 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct form of indirect speech of the following sentence.

He said, "I have been reading since morning."

- (1) He said that he had been reading since morning.
- (2) He said that he has been reading since morning.
- (3) He said that he is reading since morning.
- (4) He said that he was reading since morning.

Options :

920906107637. 1

920906107638. 2

920906107639. 3

920906107640. 4

Question Number : 10 Question Id : 92090627240 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct form of indirect speech of the following sentence.

He said, "I have been reading since morning."

- (1) He said that he had been reading since morning.
- (2) He said that he has been reading since morning.
- (3) He said that he is reading since morning.
- (4) He said that he was reading since morning.

Options :

920906107637. 1

920906107638. 2

920906107639. 3

920906107640. 4

Question Number : 11 Question Id : 92090627241 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A triangle can have:

- | | |
|----------------------|--|
| (1) all acute angles | (2) two obtuse angles |
| (3) two right angles | (4) one obtuse angle and one right angle |

Options :

- 920906107641. 1
- 920906107642. 2
- 920906107643. 3
- 920906107644. 4

Question Number : 11 Question Id : 92090627241 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

A triangle can have:

- (1) all acute angles
- (2) two obtuse angles
- (3) two right angles
- (4) one obtuse angle and one right angle

Options :

- 920906107641. 1
- 920906107642. 2
- 920906107643. 3
- 920906107644. 4

Question Number : 12 Question Id : 92090627242 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If the mean of 18, 19, x, 25 and 26 is 21, then find the mean of 5, 11, 13, 19 and $(3x-1)$:

- (1) 21
- (2) 20.6
- (3) 19.6
- (4) 18.8

Options :

- 920906107645. 1
- 920906107646. 2
- 920906107647. 3
- 920906107648. 4

Question Number : 12 Question Id : 92090627242 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If the mean of 18, 19, x, 25 and 26 is 21, then find the mean of 5, 11, 13, 19 and $(3x-1)$:

- (1) 21 (2) 20.6
(3) 19.6 (4) 18.8

Options :

920906107645. 1
920906107646. 2
920906107647. 3
920906107648. 4

Question Number : 13 Question Id : 92090627243 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find a single discount equivalent to successive discounts of 10%, 20% and 25%:

- (1) 55% (2) 54%
(3) 46% (4) 52%

Options :

920906107649. 1
920906107650. 2
920906107651. 3
920906107652. 4

Question Number : 13 Question Id : 92090627243 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Find a single discount equivalent to successive discounts of 10%, 20% and 25%:

- (1) 55% (2) 54%
(3) 46% (4) 52%

Options :

920906107649. 1
920906107650. 2
920906107651. 3
920906107652. 4

Question Number : 14 Question Id : 92090627244 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

920906107657. 1
920906107658. 2
920906107659. 3
920906107660. 4

Question Number : 15 Question Id : 92090627245 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

If $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta} = \frac{17}{7}$, then find the value of $(\sin^4 \theta - \cos^4 \theta)$:

- (1) 119 (2) $\frac{12}{5}$
(3) $\frac{119}{169}$ (4) $\frac{2}{3}$

Options :

920906107657. 1
920906107658. 2
920906107659. 3
920906107660. 4

Question Number : 16 Question Id : 92090627246 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify which of the given conclusions follows from the given statements:

Statement I : No perfume is a fragrance.

Some perfumes are deodorants.

All deodorants are cologne.

Statement II : I. At least some perfumes are colognes.

II. No fragrance is deodorant.

- (1) only conclusion I is true
(2) only conclusion II is true
(3) Both conclusion I and II are true
(4) Neither conclusion I nor II is true

Options :

920906107661. 1
920906107662. 2
920906107663. 3
920906107664. 4

Question Number : 16 Question Id : 92090627246 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify which of the given conclusions follows from the given statements:

Statement I : No perfume is a fragrance.

Some perfumes are deodorants.

All deodorants are cologne.

Statement II : I. At least some perfumes are colognes.

II. No fragrance is deodorant.

- (1) only conclusion I is true
- (2) only conclusion II is true
- (3) Both conclusion I and II are true
- (4) Neither conclusion I nor II is true

Options :

920906107661. 1
920906107662. 2
920906107663. 3
920906107664. 4

Question Number : 17 Question Id : 92090627247 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Read the following information carefully and answer the question given below:

A is the son of B. C, B's Sister, has a son D and a daughter E. F is the maternal uncle of D. How is E related to F?

- (1) Sister
- (2) Niece
- (3) Daughter
- (4) Wife

Options :

920906107665. 1

920906107666. 2

920906107667. 3

920906107668. 4

Question Number : 17 Question Id : 92090627247 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Read the following information carefully and answer the question given below:

A is the son of B. C, B's Sister, has a son D and a daughter E. F is the maternal uncle of D. How is E related to F?

- (1) Sister (2) Niece
(3) Daughter (4) Wife

Options :

920906107665. 1

920906107666. 2

920906107667. 3

920906107668. 4

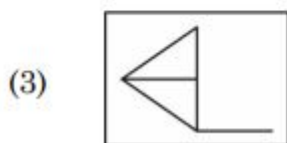
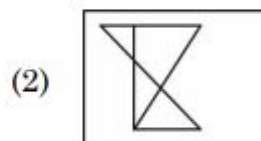
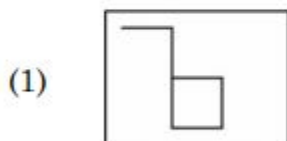
Question Number : 18 Question Id : 92090627248 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Figure (x) is embedded in which one of the four alternatives:



Figure (x)



Options :

920906107669. 1

920906107670. 2

920906107671. 3

920906107672. 4

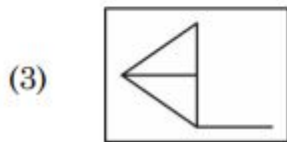
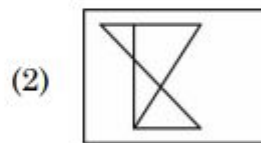
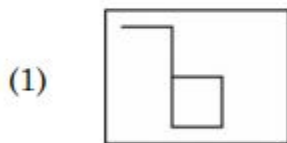
Question Number : 18 Question Id : 92090627248 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Figure (x) is embedded in which one of the four alternatives:



Figure (x)



Options :

920906107669. 1

920906107670. 2

920906107671. 3

920906107672. 4

Question Number : 19 Question Id : 92090627249 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the group of letters which is different from others :

POCG, BUDX, ATRG, ZIKL, FQMV

(1) POCG

(2) BUDX

(3) FQMV

(4) ZIKL

Options :

920906107673. 1

920906107674. 2

920906107675. 3

920906107676. 4

Question Number : 19 Question Id : 92090627249 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the group of letters which is different from others :

POCG, BUDX, ATRG, ZIKL, FQMV

- | | |
|----------|----------|
| (1) POCG | (2) BUDX |
| (3) FQMV | (4) ZIKL |

Options :

920906107673. 1

920906107674. 2

920906107675. 3

920906107676. 4

Question Number : 20 Question Id : 92090627250 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the most appropriate description about these three words.

Sand stone : Limestone : Coal

- (1) They are formed by metamorphic rocks
- (2) They are chemical minerals
- (3) They are found in river beds
- (4) They are formed sedimentary rocks

Options :

920906107677. 1

920906107678. 2

920906107679. 3

920906107680. 4

Question Number : 20 Question Id : 92090627250 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Choose the most appropriate description about these three words.

Sand stone : Limestone : Coal

- (1) They are formed by metamorphic rocks
- (2) They are chemical minerals
- (3) They are found in river beds
- (4) They are formed sedimentary rocks

Options :

- 920906107677. 1
- 920906107678. 2
- 920906107679. 3
- 920906107680. 4

Question Number : 21 Question Id : 92090627251 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The international Court of Justice was established in the year:

- | | |
|----------|----------|
| (1) 1946 | (2) 1948 |
| (3) 1950 | (4) 1947 |

Options :

- 920906107681. 1
- 920906107682. 2
- 920906107683. 3
- 920906107684. 4

Question Number : 21 Question Id : 92090627251 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The international Court of Justice was established in the year:

- | | |
|----------|----------|
| (1) 1946 | (2) 1948 |
| (3) 1950 | (4) 1947 |

Options :

- 920906107681. 1
- 920906107682. 2
- 920906107683. 3
- 920906107684. 4

**Question Number : 22 Question Id : 92090627252 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I (Country)	List II (Emblem)
(A) Australia	(I) Lionel Capital
(B) United States of America	(II) Kangaroo
(C) India	(III) Golden rod
(D) United Kingdom	(IV) Rose

Choose the correct answer from the options given below:

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (2) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

Options :

920906107685. 1

920906107686. 2

920906107687. 3

920906107688. 4

**Question Number : 22 Question Id : 92090627252 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

Match List I with List II :

List I (Country)	List II (Emblem)
(A) Australia	(I) Lionel Capital
(B) United States of America	(II) Kangaroo
(C) India	(III) Golden rod
(D) United Kingdom	(IV) Rose

Choose the correct answer from the options given below:

- (1) (A)-(II), (B)-(III), (C)-(I), (D)-(IV)
- (2) (A)-(II), (B)-(III), (C)-(IV), (D)-(I)
- (3) (A)-(III), (B)-(II), (C)-(I), (D)-(IV)
- (4) (A)-(IV), (B)-(III), (C)-(I), (D)-(II)

Options :

920906107685. 1
920906107686. 2
920906107687. 3
920906107688. 4

Question Number : 23 Question Id : 92090627253 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

National Development Council was constituted on _____.

- | | |
|---------------------|---------------------|
| (1) August 16, 1950 | (2) April 01, 1951 |
| (3) August 06, 1952 | (4) August 16, 1952 |

Options :

920906107689. 1
920906107690. 2
920906107691. 3
920906107692. 4

Question Number : 23 Question Id : 92090627253 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

National Development Council was constituted on _____.

- | | |
|---------------------|---------------------|
| (1) August 16, 1950 | (2) April 01, 1951 |
| (3) August 06, 1952 | (4) August 16, 1952 |

Options :

- 920906107689. 1
- 920906107690. 2
- 920906107691. 3
- 920906107692. 4

Question Number : 24 Question Id : 92090627254 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements: One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Marathas emerged as the strongest native power in India after the decline of Mughal

Reasons (R) : Maratha were the first to have a clear concept of United Nation.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

Options :

- 920906107693. 1
- 920906107694. 2
- 920906107695. 3
- 920906107696. 4

Question Number : 24 Question Id : 92090627254 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements: One is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Marathas emerged as the strongest native power in India after the decline of Mughal

Reasons (R) : Maratha were the first to have a clear concept of United Nation.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (2) Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
- (3) (A) is correct but (R) is not correct
- (4) (A) is not correct but (R) is correct

Options :

- 920906107693. 1
- 920906107694. 2
- 920906107695. 3
- 920906107696. 4

Question Number : 25 Question Id : 92090627255 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Deepika Kumari is associated with which of the following sports?

- | | |
|---------------|----------------|
| (1) Archery | (2) Gymnastics |
| (3) Badminton | (4) Athletics |

Options :

- 920906107697. 1
- 920906107698. 2
- 920906107699. 3
- 920906107700. 4

Question Number : 25 Question Id : 92090627255 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Deepika Kumari is associated with which of the following sports?

- | | |
|---------------|----------------|
| (1) Archery | (2) Gymnastics |
| (3) Badminton | (4) Athletics |

Options :

- 920906107697. 1
- 920906107698. 2
- 920906107699. 3
- 920906107700. 4

Part B: Pharmacy

Section Id :	920906540
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	75
Number of Questions to be attempted :	75
Section Marks :	300
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	920906876
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 26 Question Id : 92090627256 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Following anti-oxidant is used to prevent oxidative degradation of plastic :

1. Ultramarine
2. Cresols
3. Phthalate ester
4. Liquid Paraffin

Options :

- 920906107701. 1
- 920906107702. 2

920906107703. 3

920906107704. 4

Question Number : 26 Question Id : 92090627256 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्लास्टिक का औम्सीडेतीन निम्नीतकण कोतने ते लिए निम्नलिखित एंटी-ऑक्सीडेंट का प्रयोग किया जाता है?

1. अलट्रामरीन
2. क्रीसोल्स
3. पन्थैलेट ईथर
4. द्रवित पैराफिन

Options :

920906107701. 1

920906107702. 2

920906107703. 3

920906107704. 4

Question Number : 27 Question Id : 92090627257 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Class 100 area is referred as

1. manufacturing area
2. aseptic area
3. clean room
4. ware house

Options :

920906107705. 1

920906107706. 2

920906107707. 3

920906107708. 4

Question Number : 27 Question Id : 92090627257 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

श्रेणी 100 क्षेत्र को निम्नलिखित रूप में संदर्भित किया जाता है –

1. विनिर्माण क्षेत्र
2. असेप्टिक क्षेत्र
3. साफ-स्वच्छ कक्ष
4. माल गोदाम/वेयर हाउस

Options :

920906107705. 1

920906107706. 2

920906107707. 3

920906107708. 4

Question Number : 28 Question Id : 92090627258 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is **not** used as tonicity contributor in sterile products?

1. Sodium chloride
2. Glycerine
3. Lactose
4. Magnesium stearate

Options :

920906107709. 1

920906107710. 2

920906107711. 3

920906107712. 4

Question Number : 28 Question Id : 92090627258 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में किसका प्रयोग जीवाणुहीन उत्पादों में टॉनिसिटी योगदानकर्ता के रूप में नहीं किया जाता है :-

1. सोडियम क्लोराइड
2. ग्लिसरीन
3. लैक्टोज
4. मैग्नीशियम स्टीयरेट

Options :

920906107709. 1
920906107710. 2
920906107711. 3
920906107712. 4

Question Number : 29 Question Id : 92090627259 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is **not** a subcomponent of continuous spray valves used in aerosols?

1. Actuator
2. Dip tube
3. Lower punch
4. Stem gasket

Options :

920906107713. 1
920906107714. 2
920906107715. 3
920906107716. 4

Question Number : 29 Question Id : 92090627259 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसा एरोसोलों में प्रयुक्त होने वाले नैरन्तर्य स्प्रे वाल्व का उपभाग नहीं है?

1. एक्टेनेटर
2. डिप ट्यूब
3. लॉवर पंच
4. स्टेम गैस्केट

Options :

920906107713. 1

920906107714. 2

920906107715. 3

920906107716. 4

Question Number : 30 Question Id : 92090627260 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following material is **not** used as enteric coating material for tablets?

1. Cellulose Acetate Phthalate
2. Eudragit L
3. Polyethylene Glycols
4. Hydroxy propyl methyl cellulose phthalate

Options :

920906107717. 1

920906107718. 2

920906107719. 3

920906107720. 4

Question Number : 30 Question Id : 92090627260 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से किस सामग्री का उपयोग टेबलेट (गुतिकाओं) के लिए अंतः लेपन सामग्री के रूप में नहीं किया जाता है?

1. सेलुलोस एसीटेट पथैलेट
2. यूड्राजिट एल
3. पोलिइथाइलीन ग्लाइकोल्स
4. हाइड्रोक्सी प्रोपाइल मिथाइल पथैलेट

Options :

920906107717. 1
 920906107718. 2
 920906107719. 3
 920906107720. 4

Question Number : 31 Question Id : 92090627261 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II:

List-I (Types of Newtonian and non-Newtonian fluids)		List-II (Examples)	
(A)	Newtonian fluids	(I)	Dispersion containing high concentration of small deflocculated particle
(B)	Plastic flow	(II)	Water
(C)	Pseudoplastic flow	(III)	Concentrated suspension
(D)	Dilatant flow	(IV)	Aqueous dispersions of hydrocolloids

Choose the **correct answer** from the options given below:

1. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
2. (A)–(III); (B)–(IV); (C)–(I); (D)–(II)
3. (A)–(II); (B)–(III); (C)–(IV); (D)–(I)
4. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)

Options :

920906107721. 1

920906107722. 2

920906107723. 3

920906107724. 4

Question Number : 31 Question Id : 92090627261 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I (न्यूटोनियन और गैर-न्यूटोनियन तरलों के प्रकार)		सूची-II (उदाहरण)	
(A)	न्यूटोनियन तरल	(I)	लघु डिफ्लोमकुलेटेड पार्टिकल के उच्च संकेन्द्रण वाला डिस्पर्सन
(B)	प्लास्टिक प्रवाह	(II)	जल
(C)	छद्म प्लास्टिक प्रवाह	(III)	संकेन्द्रित निलंबन
(D)	विलंबकारी (डिलेटेंट) प्रवाह	(IV)	हाइड्रोकोलोइड्स का एकेइस डिस्पर्सन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(II); (B)-(I); (C)-(IV); (D)-(III)
2. (A)-(III); (B)-(IV); (C)-(I); (D)-(II)
3. (A)-(II); (B)-(III); (C)-(IV); (D)-(I)
4. (A)-(II); (B)-(I); (C)-(IV); (D)-(III)

Options :

920906107721. 1

920906107722. 2

920906107723. 3

920906107724. 4

Question Number : 32 Question Id : 92090627262 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The velocity of sedimentation of a uniform collection of spherical particles of suspension is governed by Stoke's law. The rate of sedimentation as per Stoke's law is inverse function of

1. Viscosity of dispersion medium
2. Particle size of dispersed phase
3. Acceleration due to gravity
4. Difference of the densities of dispersed phase and dispersion medium

Options :

920906107725. 1

920906107726. 2

920906107727. 3

920906107728. 4

Question Number : 32 Question Id : 92090627262 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निलंबन के गोलीय कणों के एकरूप संकलन के अवसादीकरण का वेग स्टोम्स नियम द्वारा अभिशासित होता है। रन्टोम्स के नियम के अनुसार अवसादीकरण की दर किसका विलोम प्रकार्य है :

1. विस्फारित माध्यम की श्यानता
2. विस्फारित चरण का कण आकार
3. गुरुत्व के कारण तीव्रता
4. विस्फारित चरण और विस्फारित माध्यम के घनत्वों के बीच अंतर

Options :

920906107725. 1

920906107726. 2

920906107727. 3

920906107728. 4

Question Number : 33 Question Id : 92090627263 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following material can be used as glidant, lubricant as well as anti-adherent?

1. Lactose
2. Starch
3. Magnesium stearate
4. Polyethylene glycol

Options :

920906107729. 1
920906107730. 2
920906107731. 3
920906107732. 4

Question Number : 33 Question Id : 92090627263 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से किस सामग्री का उपयोग ग्लाइडेंट, स्नेहक के साथ-साथ मिश्रण

1. लैक्टोस
2. स्टार्च
3. मैग्नीशियम स्टीयरेट
4. पॉलीइथाइलीन ग्लाइकोल

Options :

920906107729. 1
920906107730. 2
920906107731. 3
920906107732. 4

Question Number : 34 Question Id : 92090627264 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Bancroft's rule is related to determination of

1. suspension type
2. emulsion type
3. ointment type
4. tablet type

Options :

920906107733. 1
920906107734. 2
920906107735. 3
920906107736. 4

Question Number : 34 Question Id : 92090627264 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

बैंकरोफ्ट्स का नियम किसके निर्धारण से संबंधित है :

1. निलंबित प्रकार
2. पायस प्रकार
3. तैलीय प्रकार
4. टेबलेट प्रकार

Options :

920906107733. 1
920906107734. 2
920906107735. 3
920906107736. 4

Question Number : 35 Question Id : 92090627265 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Avicel is a trade name of

1. Polyvinyl Pyrrolidone (PVP)
2. Cellulose Acetate Phthalate (CAP)
3. Micro-crystalline Cellulose (MCC)
4. Lactose

Options :

920906107737. 1
920906107738. 2
920906107739. 3
920906107740. 4

Question Number : 35 Question Id : 92090627265 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एवीसेल किसका ट्रेडमार्क है :

1. पॉलीविनाइल पाइरोलीडोनाइन (पीवीपी)
2. सेलुलोस एसिटेट फथैलेट (सीएपी)
3. माइक्रो-क्रिस्टलाइन सेलुलोस (एमसीसी)
4. ल्केटोस

Options :

920906107737. 1
920906107738. 2
920906107739. 3
920906107740. 4

Question Number : 36 Question Id : 92090627266 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Following instruments are used for particle size analysis :

- A. Coulter counter
- B. Microscopic methods
- C. Sieving
- D. IR spectroscopy

Choose the **correct answer** from the options given below :

- 1. A, D and C only
- 2. A, B and D only
- 3. A, B and C only
- 4. B, C and D only

Options :

920906107741. 1

920906107742. 2

920906107743. 3

920906107744. 4

Question Number : 36 Question Id : 92090627266 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित उपकरणों में से कण आकार विश्लेषण के लिए किसका उपयोग किया जाता है :

- A. कोल्टर काउंटर
- B. सूक्ष्मदर्शीय विधियाँ
- C. सीविंग
- D. आईआर स्पेक्ट्रोस्कोपी

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- 1. केवल A, D और C
- 2. केवल A, B और D
- 3. केवल A, B और C
- 4. केवल B, C और D

Options :

- 920906107741. 1
- 920906107742. 2
- 920906107743. 3
- 920906107744. 4

Question Number : 37 Question Id : 92090627267 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Partition coefficient ($\log p$) of various drugs can be determined using

1. Reverse phase evaporation
2. Shake-flask method
3. Coacervation phase separation technique
4. Wet granulation

Options :

- 920906107745. 1
- 920906107746. 2
- 920906107747. 3
- 920906107748. 4

Question Number : 37 Question Id : 92090627267 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

विभिन्न औषधों का विभाजन सहगुणांक ($\log p$) किसका प्रयोग करके निर्धारित किया जा सकता है :

1. व्युत्क्रम चरण वाष्पोत्सर्जन
2. शेक-फ्लास्क विधि
3. संराशियन चरण विलगन तकनीक
4. आर्द्र ग्रैमीशन

Options :

- 920906107745. 1
- 920906107746. 2
- 920906107747. 3
- 920906107748. 4

Question Number : 38 Question Id : 92090627268 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Noyes Whitney equation is used to describe

1. Absorption
2. Metabolism
3. Dissolution
4. Distribution

Options :

920906107749. 1
920906107750. 2
920906107751. 3
920906107752. 4

Question Number : 38 Question Id : 92090627268 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नॉयस व्हीटनी समीकरण का प्रयोग किसका विवरण देने में किया जाता है :

1. अवशोषण
2. चयापचय
3. विघटन
4. वितरण

Options :

920906107749. 1
920906107750. 2
920906107751. 3
920906107752. 4

Question Number : 39 Question Id : 92090627269 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Considering apothecary system 300 minims of the fluid is equal to

1. 1 Pint
2. 5 fluid drachms
3. 1 fluid ounce
4. 1 gallon

Options :

920906107753. 1
920906107754. 2
920906107755. 3
920906107756. 4

Question Number : 39 Question Id : 92090627269 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए: (पाउडर प्रवाहिता को संकुचनीयता सूचकांक से सह-संबंधित करें।)

सूची-I [Carr सूचकांक (%)]		सूची-II [प्रवाह का प्रकार]	
(A)	1-10	(I)	अच्छा
(B)	11-15	(II)	ठीक-ठाक/ संतोषजनक
(C)	32-27	(III)	उत्कृष्ट
(D)	16-20	(IV)	बहुत खराब

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(III); (B)-(I); (C)-(IV); (D)-(II)
2. (A)-(III); (B)-(I); (C)-(II); (D)-(IV)
3. (A)-(IV); (B)-(I); (C)-(III); (D)-(II)
4. (A)-(I); (B)-(IV); (C)-(II); (D)-(III)

Options :

920906107753. 1
920906107754. 2
920906107755. 3

920906107756. 4

Question Number : 40 Question Id : 92090627270 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is the amount of 20% w/w benzocaine ointment required to be added to a suitable diluent ointment to prepare 5 kg of a 2.5% w/w benzocaine ointment?

1. 2 kg
2. 6.25 gm
3. 62.5 gm
4. 625 gm

Options :

920906107757. 1
920906107758. 2
920906107759. 3
920906107760. 4

Question Number : 40 Question Id : 92090627270 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

2.5% w/w बेन्जोकेन विलेप का 5 किलो तैयार करने के लिए उचित विलायक विलेप में जोड़ी जाने वाली 20% w/w बेन्जोकेन विलेप की आवश्यक मात्रा निम्नलिखित में से क्या है?

1. 2 किलो
2. 6.25 ग्राम
3. 62.5 ग्राम
4. 625 ग्राम

Options :

920906107757. 1
920906107758. 2
920906107759. 3
920906107760. 4

Question Number : 41 Question Id : 92090627271 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I (Immunoglobulins)		List-II (Details)	
(A)	IgG	(I)	Largely confined to blood stream
(B)	IgE	(II)	Serum on lymphocyte surface of new born baby
(C)	IgM	(III)	Internal body fluids (extravascular)
(D)	IgD	(IV)	Serum

Choose the **correct answer** from the options given below :

1. (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
2. (A)–(I); (B)–(III); (C)–(II); (D)–(IV)
3. (A)–(III); (B)–(IV); (C)–(I); (D)–(II)
4. (A)–(I); (B)–(IV); (C)–(III); (D)–(II)

Options :

920906107761. 1

920906107762. 2

920906107763. 3

920906107764. 4

Question Number : 41 Question Id : 92090627271 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I (इम्यूनोग्लोबिन)		सूची-II (विवरण)	
(A)	IgG	(I)	प्रमुखतया रक्त वाहिनी तक सीमित
(B)	IgE	(II)	नवजात शिशु के शरीर की लिम्फोसाइट सतह पर वीर्य
(C)	IgM	(III)	आंतरिक काया द्रव्योत्तरल (बहिःश्वसनीय)
(D)	IgD	(IV)	वीर्य

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(II); (B)-(III); (C)-(I); (D)-(IV)
2. (A)-(I); (B)-(III); (C)-(II); (D)-(IV)
3. (A)-(III); (B)-(IV); (C)-(I); (D)-(II)
4. (A)-(I); (B)-(IV); (C)-(III); (D)-(II)

Options :

920906107761. 1
920906107762. 2
920906107763. 3
920906107764. 4

Question Number : 42 Question Id : 92090627272 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II (correlate the powder flowability with compressibility index):

List-I [Carr Index (%)]		List-II [Type of flow]	
(A)	1-10	(I)	Good
(B)	11-15	(II)	Fair
(C)	32-27	(III)	Excellent
(D)	16-20	(IV)	Very poor

Choose the **correct answer** from the options given below :

1. (A)-(III); (B)-(I); (C)-(IV); (D)-(II)
2. (A)-(III); (B)-(I); (C)-(II); (D)-(IV)
3. (A)-(IV); (B)-(I); (C)-(III); (D)-(II)
4. (A)-(I); (B)-(IV); (C)-(II); (D)-(III)

Options :

920906107765. 1

920906107766. 2

920906107767. 3

920906107768. 4

Question Number : 42 Question Id : 92090627272 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए: (पाउडर प्रवाहिता को संकुचनीयता सूचनांक से सह-संबंधित करें।)

सूची-I [Carr सूचनांक (%)]		सूची-II [प्रवाह का प्रकार]	
(A)	1-10	(I)	अच्छा
(B)	11-15	(II)	ठीक-ठाक/ संतोषजनक
(C)	32-27	(III)	उत्कृष्ट
(D)	16-20	(IV)	बहुत खराब

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(III); (B)-(I); (C)-(IV); (D)-(II)
2. (A)-(III); (B)-(I); (C)-(II); (D)-(IV)
3. (A)-(IV); (B)-(I); (C)-(III); (D)-(II)
4. (A)-(I); (B)-(IV); (C)-(II); (D)-(III)

Options :

920906107765. 1
920906107766. 2
920906107767. 3
920906107768. 4

Question Number : 43 Question Id : 92090627273 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one labelled as Assertion (A) and the other labelled as Reason (R) :

Assertion (A) : For a chemical reaction to occur, it is necessary for the molecules involved to possess a certain minimum amount of energy.

Reason (R) : Activation energy can be thought of as an energy barrier to a reaction.

In the light of the above statements, choose the **correct answer** from the options given below.

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

Options :

920906107769. 1
920906107770. 2
920906107771. 3
920906107772. 4

Question Number : 43 Question Id : 92090627273 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : किसी रासायनिक अभिक्रिया के घटित घेने के लिए यह आवश्यक है कि प्रक्रिया में सम्मिलित अणुओं के पास ऊर्जा की कतिपय न्यूनतम मात्रा हो।

कारण R : एम्लिवेशन ऊर्जा को किसी अभिक्रिया में ऊर्जा अवरोध के रूप में देखा जा सकता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

920906107769. 1
920906107770. 2
920906107771. 3
920906107772. 4

Question Number : 44 Question Id : 92090627274 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Propantheline has been found to reduce absorption rate of

1. Riboflavin
2. Sulfamethoxazole
3. Riboflavin and sulfamethoxazole
4. None of the above

Options :

920906107773. 1
920906107774. 2
920906107775. 3
920906107776. 4

Question Number : 44 Question Id : 92090627274 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रोपेन्थालाइन किसकी अवशोषण दर में कमी करता है :

1. राइबोफ्लैविन
2. सल्फामेथाक्साजोल
3. राइबोफ्लैविन और सल्फामेथाक्साजोल
4. इनमें से कोई नहीं

Options :

920906107773. 1
920906107774. 2
920906107775. 3
920906107776. 4

Question Number : 45 Question Id : 92090627275 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following class of drugs is **not** OTC product?

1. Cough and cold remedies
2. Analgesics
3. Antiseptics
4. Anti-hypertensive drugs

Options :

920906107777. 1

920906107778. 2

920906107779. 3

920906107780. 4

Question Number : 45 Question Id : 92090627275 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसी औषधि श्रेणी उतोटीसी उत्पाद नहीं है?

1. चुखाम उपचार
2. एलर्जीरोधी
3. एन्टीसेप्टिक (पूतिरोधी)
4. उच्च रक्तचाप रोधी दपाँ

Options :

920906107777. 1

920906107778. 2

920906107779. 3

920906107780. 4

Question Number : 46 Question Id : 92090627276 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Cefuroxime axetil is an oral form of the first generation parenteral cephalosporin cefuroxime.

Reason (R) : The axetil form of the drug, an acetoxy ethyl ester of cefuroxime has increased lipid solubility, better absorption and oral bioavailability.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

Options :

920906107781. 1

920906107782. 2

920906107783. 3

920906107784. 4

Question Number : 46 Question Id : 92090627276 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : सीफेरोम्सीमे एम्सीटिल प्रथम पीढ़ी पेरेन्टेरल सीपन्लोरिन केफिनोक्सीमे का मौखिक प्रारूप है।

कारण R : औषधि का एक्सीटिल रूथ, जो केफिनोक्सीमे का एक एसीटॉक्सी ईथाइल ईथर है, में वर्धित लिपिड धुलनशीलता, बेहतर अवशोषण और मौखिस जैव उपलब्धता होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

- 920906107781. 1
- 920906107782. 2
- 920906107783. 3
- 920906107784. 4

Question Number : 47 Question Id : 92090627277 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The hair follicle is usually present in which layer of skin?

1. Epidermis
2. Dermis
3. Subcutaneous tissue
4. All of the above

Options :

- 920906107785. 1
- 920906107786. 2
- 920906107787. 3
- 920906107788. 4

Question Number : 47 Question Id : 92090627277 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

रोमकूप सामान्यतया त्वचा की किस परत में विद्यमान होता है।

1. एपिडर्मिस/अधिचर्म
2. डर्मिस/चर्म
3. अधस्त्वचीय ऊतक
4. इनमें से सभी

Options :

920906107785. 1

920906107786. 2

920906107787. 3

920906107788. 4

Question Number : 48 Question Id : 92090627278 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The part of the prescription called inscription contains

1. Name, Age
2. Signature, Address
3. Name and quantity of ingredients
4. Registration number and patient information

Options :

920906107789. 1

920906107790. 2

920906107791. 3

920906107792. 4

Question Number : 48 Question Id : 92090627278 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नुस्खे का वह भाग जो जानकारी/प्रनिदेशन कहलाता है, में सम्मिलित होता है :

1. नाम, आयु
2. हस्ताक्षर, पता
3. नाम और औषध तत्वों की मात्रा
4. पंजीकरण संख्या और रोगी सूचना

Options :

920906107789. 1
920906107790. 2
920906107791. 3
920906107792. 4

Question Number : 49 Question Id : 92090627279 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The test performed to detect the presence of pyrogenic substances in parenteral products

1. Leak Test
2. Water Attack Test
3. LAL Test
4. Powdered Glass Test

Options :

920906107793. 1
920906107794. 2
920906107795. 3
920906107796. 4

Question Number : 49 Question Id : 92090627279 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पेरिन्टरल उत्पादों में पायरोजेनिक तत्वों की उपस्थिति की करने के लिए निष्पादित किया जाने वाला परीक्षण :

1. रिसाव परीक्षण
2. जल आक्रमण परीक्षण
3. एलएएल परीक्षण
4. पावडर्ड (चूर्णित) ग्लास परीक्षण

Options :

- 920906107793. 1
- 920906107794. 2
- 920906107795. 3
- 920906107796. 4

Question Number : 50 Question Id : 92090627280 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Pyrogens are

1. products of metabolism of micro-organisms
2. a link between living and non-living
3. a special type of bacteria
4. a special type of virus

Options :

- 920906107797. 1
- 920906107798. 2
- 920906107799. 3
- 920906107800. 4

Question Number : 50 Question Id : 92090627280 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पायरोजीन्स हैं :

1. सूक्ष्म-जीवों के चयायचय के उत्पाद
2. सजीव और निजीव के बीच कड़ी
3. जीवाणु का एक विशेष प्रकार
4. विषाणु का एक विशेष प्रकार

Options :

920906107797. 1
920906107798. 2
920906107799. 3
920906107800. 4

Question Number : 51 Question Id : 92090627281 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Electrophilic addition to an unsymmetrical alkene is governed by

1. Saytzev rule
2. Markovnikov rule
3. Blanc's rule
4. CIP rules

Options :

920906107801. 1
920906107802. 2
920906107803. 3
920906107804. 4

Question Number : 51 Question Id : 92090627281 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी असममितीय अल्केनी में पैम्लीसिटिओफिलिक भोजन किसके द्वारा अभिशासित होता है?

1. सायटजेव नियम
2. मार्कोनीकोव नियम
3. ब्लैंक नियम
4. सीआईपी नियम

Options :

920906107801. 1
920906107802. 2
920906107803. 3
920906107804. 4

Question Number : 52 Question Id : 92090627282 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which one of the following is the **INCORRECT** statement?

1. Dopamine can exist as trans, α -rotamer, trans, β -rotamer and cis, α -rotamer.
2. Selegiline and Rasagline are selective irreversible inhibitors of MAO-B.
3. Tolcapone and entacapone are reversible COMT inhibitors.
4. Serine is the precursor of Dopamine biosynthesis.

Options :

920906107805. 1
920906107806. 2
920906107807. 3
920906107808. 4

Question Number : 52 Question Id : 92090627282 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसा असत्य कथन है?

1. डोपामाइन ट्रांस, α -रोटामर, ट्रांस, β - रोटामर और सिस, α -रोटामर के रूप में विद्यमान हो सकता है।
2. सेलेगिलाइन और रासाग्लाइन MAO-B के चयनित अनुत्क्रमणीय अवरोधक हैं।
3. टोलकापोन और इंटाकापोन उत्क्रमणीय COMT अवरोधक हैं।
4. सेरीन डोपामाइन जैव संश्लेषण का पूर्वगामी है।

Options :

- 920906107805. 1
- 920906107806. 2
- 920906107807. 3
- 920906107808. 4

Question Number : 53 Question Id : 92090627283 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The functional catalytic unit of esteric site at acetylcholinesterase is composed of

1. Glutamate, histidine, tryptophan
2. Glutamate, tyrosine, lysine
3. Glutamate, tyrosine, phenylalanine
4. Glutamate, histidine, serine

Options :

- 920906107809. 1
- 920906107810. 2
- 920906107811. 3
- 920906107812. 4

Question Number : 53 Question Id : 92090627283 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एसीटाइकोलीनेस्ट्रेस पर इथरिक स्थल की कार्यात्मक उत्प्रेरित इकाई निम्नलिखित में से किससे से बनी होती है :

1. एलुटामेट, हिस्टीडाइन, ट्रिप्टोफेन
2. एलुटामेट, टायरोसिन, लायसिन
3. एलुटामेट, टायरोसिन, फेमाइललामिन
4. एलुटामेट, हिस्टीडीन, सीरिन

Options :

920906107809. 1

920906107810. 2

920906107811. 3

920906107812. 4

Question Number : 54 Question Id : 92090627284 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the false statement

1. Hard electrophiles have a formal positive charge at the electrophilic centre (e.g. carbocations).
2. The softest biological nucleophilic sites are cysteine thiol groups on proteins.
3. Primary and secondary amino groups of lysine and histidine on the proteins are hard nucleophiles.
4. Softest nucleophiles are the oxygen atoms of purines and pyrimidines on DNA and RNA.

Options :

920906107813. 1

920906107814. 2

920906107815. 3

920906107816. 4

Question Number : 54 Question Id : 92090627284 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

असत्य कथन की पहचान करें :

1. कठोर इलेक्ट्रोफाइल का इलेक्ट्रोफिलिक केन्द्र (उदाहरण कार्बोकेशन) पर औपचारिक धनात्मक आवेश होता है।
2. सबसे मुलायम जैविकीय न्यूक्लियोफिलिक स्थल प्रोटीन पर क्रिस्टेइन थियोफ समूह हैं।
3. प्रोटीनों पर लायसिन और हिस्टीडिन के प्राथमिक और द्वितीयक अमीनो समूह कठोर न्यूक्लियोफाइल हैं।
4. सबसे मुलायम न्यूक्लियोफाइल डीएनए और आरएनए के प्यूरीन और पायरीमिडिन के ऑक्सीजन अणु हैं।

Options :

920906107813. 1

920906107814. 2

920906107815. 3

920906107816. 4

Question Number : 55 Question Id : 92090627285 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Glutathione (GSH) conjugation takes place by

1. Electrophilic attack by GSH on nucleophilic carbon of drugs
2. Nucleophilic attack by GSH on electrophilic carbon of drugs
3. Photochemical reaction of GSH with the drug molecule
4. Ionic reaction of GSH with the drug molecule

Options :

920906107817. 1

920906107818. 2

920906107819. 3

920906107820. 4

Question Number : 55 Question Id : 92090627285 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ग्लूटाथियोन (जीएसएच) संयोजन किसके द्वारा होता है :

1. जीएसएच द्वारा औषधों के न्यूक्लियोफिलिक कार्बन पर इलेक्ट्रोफिलिक आक्रमण
2. जीएसएच द्वारा औषधों के इलेक्ट्रोफिलिक कार्बन पर न्यूक्लियोफिलिक आक्रमण
3. जीएसएच की औषध अणु के साथ प्रकाश रासायनिक अभिक्रिया
4. जीएसएच की औषध अणु के साथ आयनीकृत अभिक्रिया

Options :

- 920906107817. 1
- 920906107818. 2
- 920906107819. 3
- 920906107820. 4

Question Number : 56 Question Id : 92090627286 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which one is the correct statement about drug metabolism?

1. Phenobarbital and rifampin are inducers of CYP450.
2. Cigarette smoking leads to decrease in the CYP1A1 and CYP1A2 levels.
3. Cimetidine is the only H₂ antagonist that induces CYP450.
4. 17 α -ethinyl oestradiol is non-mechanism based inhibitor of CYP450.

Options :

- 920906107821. 1
- 920906107822. 2
- 920906107823. 3
- 920906107824. 4

Question Number : 56 Question Id : 92090627286 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

औषध चयापचय के बारे में कौनसा कथन सत्य है?

1. फिनोबार्बिटल और रिफामबिन CYP450 के अभिप्रेरक हैं।
2. सिगरेट सेवन से CYP1A1 और CYP1A2 के स्तर में कभी आती है।
3. सिमेटीडिन एकमात्र H₂ अभिकर्मक है जो CYP450 अभिप्रेरित करता है।
4. 17 α -इथीनाइल इस्ट्राडिओल CYP450 के अयांत्रिक आधारित अवरोधक है।

Options :

920906107821. 1

920906107822. 2

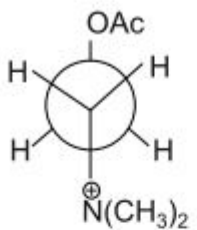
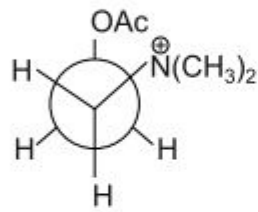
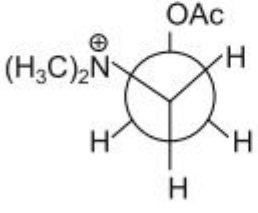
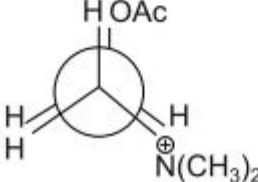
920906107823. 3

920906107824. 4

Question Number : 57 Question Id : 92090627287 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which one is the most stable conformation of acetylcholine?

1. 
2. 
3. 
4. 

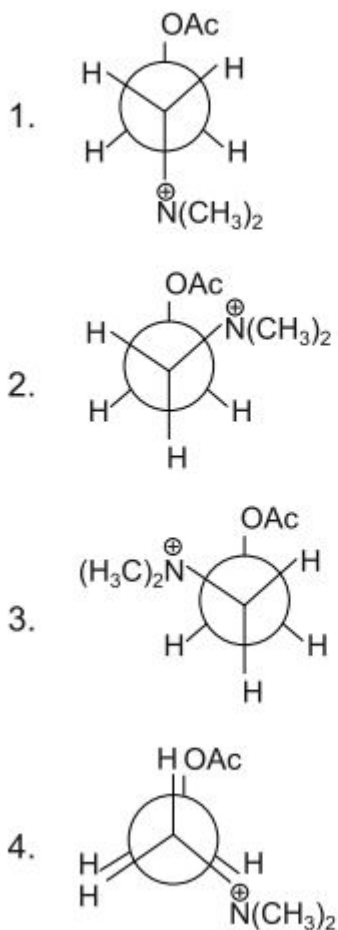
Options :

920906107825. 1
920906107826. 2
920906107827. 3
920906107828. 4

Question Number : 57 Question Id : 92090627287 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसी एसीटाइलकोलाइन की सबसे स्थिर संपुष्टि है?



Options :

920906107825. 1
920906107826. 2
920906107827. 3
920906107828. 4

Question Number : 58 Question Id : 92090627288 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Levorphanol (I) and dextrorphan (II) are stereoisomers of each other. Identify the true statement about I and II.

1. I is analgesic whereas II is antitussive
2. I is anticancer whereas II is antimalarial
3. I is antifungal whereas II is cardiovascular agent
4. I is neurotropic whereas II is antidepressant

Options :

920906107829. 1
920906107830. 2
920906107831. 3
920906107832. 4

Question Number : 58 Question Id : 92090627288 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

लेवोर्फेनोल (I) और डेक्सथोरफेन परस्पर स्टेरियोआइसोमर्स (II) हैं। (I) और (II) के बारे में सत्य कथन की पहचान करें :

1. एलजीरोधी है वहीं ॥ ऊतकरोधी है।
2. कैंसररोधी है वहीं ॥ मलेरियारोधी है।
3. कवकरोधी है वहीं ॥ हृदफुफ्फुसीय अभिकर्मक है।
4. न्यूरोट्रॉपिक है वहीं ॥ मानसिक अवसाद रोधी है।

Options :

920906107829. 1
920906107830. 2
920906107831. 3
920906107832. 4

Question Number : 59 Question Id : 92090627289 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Atropine has served as a prototype molecule for which class of drugs?

1. Anti-anginal
2. Anti-diabetic
3. Anti-cholinergic
4. Anti-infective

Options :

920906107833. 1
920906107834. 2
920906107835. 3
920906107836. 4

Question Number : 59 Question Id : 92090627289 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

एट्रोपिन में औषधियों की किस श्रेणी के लिए प्रोटोटाइप अणु हैं?

1. एंटीएंजीनल
2. मधुमेहरोधी
3. एंटीकोलीनरजिक
4. संक्रमण रोधी

Options :

920906107833. 1
920906107834. 2
920906107835. 3
920906107836. 4

Question Number : 60 Question Id : 92090627290 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Generally a steroidal skeleton contains

1. Ring A
2. Ring A and B
3. Ring A, B and C
4. Ring A, B, C and D

Options :

920906107837. 1
920906107838. 2
920906107839. 3
920906107840. 4

Question Number : 60 Question Id : 92090627290 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सामान्यतथा एक स्टेरॉइडल स्केलटन/कंकालीय में अंतर्विष्ट होता है :

1. वलय A
2. वलय A और B
3. वलय A, B और C
4. वलय A, B, C और D

Options :

920906107837. 1
920906107838. 2
920906107839. 3
920906107840. 4

Question Number : 61 Question Id : 92090627291 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

What are the possible drug-receptor interactions?

1. Arene-cation
2. Hydrogen bonding
3. π - π stacking
4. All of the above

Options :

920906107841. 1
920906107842. 2
920906107843. 3
920906107844. 4

Question Number : 61 Question Id : 92090627291 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

संभावित औषध-प्राप्यक अंतरक्रियाएँ क्या हैं?

1. एरीन केशन
2. हाइड्रोजन बंधन
3. π - π स्टालकिंग
4. इनमें से सली

Options :

920906107841. 1
920906107842. 2
920906107843. 3
920906107844. 4

Question Number : 62 Question Id : 92090627292 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Hydrolysis of sec-butyl acetate yields sec-butanol with some rotation but with opposite sign.

Reason (R) : S_N2 reaction goes with inversion of configuration at carbon atom under attack.

In the light of the above statements, choose the **correct answer** from the options given below.

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

Options :

920906107845. 1
920906107846. 2
920906107847. 3
920906107848. 4

Question Number : 62 Question Id : 92090627292 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : सेक-बुटायल एसीटेट के हाइड्रोलिसिस से उसी चक्रण के साथ सेक-बुटानोल फलित होता है किन्तु ऐसा विपरीत संकेत के साथ घटित होता है।

कारण R : S_N2 अभिक्रिया आक्रमणाधीन कार्बन परमाणु पर विन्यास के विलोम से होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

920906107845. 1

920906107846. 2

920906107847. 3

920906107848. 4

Question Number : 63 Question Id : 92090627293 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following are incorrect statements :

- A. Chromatographic techniques are used for the separation of mixture of chemical compounds.
- B. Gas chromatography can be used for those chemical compounds which decompose at high temperatures.
- C. Menthol can be determined using UV spectroscopy.
- D. Infrared spectroscopy is used to determine and identify the functional groups present in a chemical compounds.
- E. Proton NMR is used to determine the arrangement of hydrogen in a chemical compound.

Choose the **correct answer** from the options given below :

- 1. A and B only
- 2. E and B only
- 3. C and D only
- 4. D and A only

Options :

920906107849. 1

920906107850. 2

920906107851. 3

920906107852. 4

Question Number : 63 Question Id : 92090627293 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसे असत्य कथन हैं?

- A. रासायनिक यौगिकों के मिश्रण को अलग करने के लिए वर्णविज्ञान तकनीकों का उपयोग किया जाता है।
- B. उच्च तापमानों पर विघटित होने वाले रासायनिक यौगिकों के लिए गैस वर्णविज्ञान का उपयोग किया जा सकता है।
- C. यूवी स्पेक्ट्रोस्कोपी के उपयोग से मेंथोल को निर्धारित किया जा सकता है।
- D. रासायनिक यौगिकों में उपस्थित कार्यात्मक समूहों को निर्धारित और चिह्नित करने के लिए अवरक्त स्पेक्ट्रोस्कोपी प्रयुक्त होती है।
- E. रासायनिक यौगिक में हाइड्रोजन की व्यवस्था निर्धारित करने के लिए प्रोटोन एनएमआर प्रयुक्त होता है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- 1. केवल A और B
- 2. केवल E और B
- 3. केवल C और D
- 4. केवल D और A

Options :

920906107849. 1

920906107850. 2

920906107851. 3

920906107852. 4

Question Number : 64 Question Id : 92090627294 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the true statement:

- A. Phenylephrine has less α and β activity than norepinephrine.
- B. Metaproterenol is selective β_2 -agonist.
- C. Norepinephrine is immediate precursor of dopamine.
- D. Dopamine has very good oral activity.

Choose the **most appropriate answer** from the options given below :

- 1. A and B only
- 2. C and D only
- 3. A, B and C only
- 4. D only

Options :

920906107853. 1

920906107854. 2

920906107855. 3

920906107856. 4

Question Number : 64 Question Id : 92090627294 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसे सत्य कथन हैं?

- A. फेनायलफ्राइन में नोरेपाइनफराइन की तुलना में कम α और β गतिविधि होती है।
- B. मेटाप्रोटेरनोल चयनित β_2 -एगोनिस्त है।
- C. नोरेपाइनफराइन, डोपामाहन का निकटतम पूर्वगामी है।
- D. डोपामाइन में बहुत बेहतर मौखिक गतिविधि है।

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए :

- 1. केवल A और B
- 2. केवल C और D
- 3. केवल A, B और C
- 4. केवल D

Options :

- 920906107853. 1
- 920906107854. 2
- 920906107855. 3
- 920906107856. 4

Question Number : 65 Question Id : 92090627295 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement—I : Non aqueous titration is suitable for the titration of very weak acids and bases and provides a solvent in which organic compounds are soluble.

Statement—II : Acetic acid is most commonly used in the procedure of non aqueous titration of organic bases with perchloric acid.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both Statement—I and Statement—II are correct
2. Both Statement—I and Statement—II are incorrect
3. Statement—I is correct but Statement—II is incorrect
4. Statement—I incorrect but Statement—II is correct

Options :

920906107857. 1
920906107858. 2
920906107859. 3
920906107860. 4

Question Number : 65 Question Id : 92090627295 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए है:

कथन I : बेहद दुर्बल अम्लों और क्षारों के अमुमायन के लिए गैर जलीय अनुमापन उचित है तथा ऐसा विलायक प्रदान करता है जिसमें कार्बनिक यौगिक धुलनशील हैं।

कथन II : परक्लोरिक अम्ल के साथ कार्बनिक क्षारों के गौर चलीय अनुमापन की प्रक्रिया में एसीटिक अम्ल सर्वाधिक प्रयुक्त होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) दोनों कथन I व कथन II दोनों सही हैं
- (2) दोनों कथन I व कथन II दोनों गलत हैं
- (3) कथन I सही किन्तु कथन II गलत है
- (4) कथन I गलत किन्तु कथन II सही है

Options :

920906107857. 1

920906107858. 2

920906107859. 3

920906107860. 4

Question Number : 66 Question Id : 92090627296 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements :

Statement—I : Cocaine and procaine are benzoic acid derivatives and both are known to cause allergic reactions.

Statement—II : Structurally, cocaine contains tropine nucleus, whereas procaine doesn't

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both Statement—I and Statement—II are correct
2. Both Statement—I and Statement—II are incorrect
3. Statement—I is correct but Statement—II is incorrect
4. Statement—I incorrect but Statement—II is correct

Options :

920906107861. 1

920906107862. 2

920906107863. 3

920906107864. 4

Question Number : 66 Question Id : 92090627296 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं:

कथन I : कोकीन और प्रोकीन बेन्जोइक अम्ल उद्भूलक है तथा दोनों से एलजी संबंधी प्रतिक्रियाएं होती हैं।

कथन II : संरचनात्मक रूप से कोकीन में ट्रोपाइन केन्द्रक होता है, जबकि प्रोकीन में यह नहीं होता है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सही उत्तरका चयन कीजिए

- (1) दोनों कथन I व कथन II दोनों सही हैं
- (2) दोनों कथन I व कथन II दोनों गलत हैं
- (3) कथन I सही किन्तु कथन II गलत है
- (4) कथन I गलत किन्तु कथन II सही है

Options :

920906107861. 1
920906107862. 2
920906107863. 3
920906107864. 4

Question Number : 67 Question Id : 92090627297 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
(A)	Six membered-oxygen containing compound	(I)	Pyran
(B)	Five-membered-nitrogen containing	(II)	Triazole
(C)	Six-membered-nitrogen containing	(III)	Pyrimidine
(D)	Xanthine nucleus	(IV)	Caffeine

Choose the **correct answer** from the options given below :

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
3. (A)–(III); (B)–(I); (C)–(II); (D)–(IV)
4. (A)–(IV); (B)–(III); (C)–(II); (D)–(I)

Options :

920906107865. 1

920906107866. 2

920906107867. 3

920906107868. 4

Question Number : 67 Question Id : 92090627297 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I		सूची-II	
(A)	छह सदस्यीय-ऑक्सीजन अंतर्वेशन यौगिक	(I)	पायरन
(B)	पाँच सदस्यीय - नाइट्रोजन अंतर्वेशन यौगिक	(II)	ट्रिआजोल
(C)	छह सदस्यीय-नाइट्रोजन अंतर्वेशन	(III)	पायरीमिडाइन
(D)	जेंथीन केन्द्रक	(IV)	कैफीन

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
3. (A)–(III); (B)–(I); (C)–(II); (D)–(IV)
4. (A)–(IV); (B)–(III); (C)–(II); (D)–(I)

Options :

920906107865. 1

920906107866. 2

920906107867. 3

920906107868. 4

Question Number : 68 Question Id : 92090627298 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
(A)	Grignard reagent	(I)	R_2CuLi
(B)	Gilman reagent	(II)	$RMgX$
(C)	Benzyne mechanism	(III)	2 molecules of CH_3CHO
(D)	Aldol condensation	(IV)	$S_N Ar$

Choose the **correct answer** from the options given below :

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
3. (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
4. (A)–(III); (B)–(I); (C)–(IV); (D)–(II)

Options :

920906107869. 1

920906107870. 2

920906107871. 3

920906107872. 4

Question Number : 68 Question Id : 92090627298 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I		सूची-II	
(A)	ग्रीनार्ड पुनः अभिकर्मक	(I)	R_2CuLi
(B)	गिलमेन पुनः अभिकर्म	(II)	$RMgX$
(C)	बैजीन प्रणाली	(III)	CH_3CHO के 2 अणु
(D)	एलडोल संघनन	(IV)	$S_N Ar$

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(I); (C)–(IV); (D)–(III)
3. (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
4. (A)–(III); (B)–(I); (C)–(IV); (D)–(II)

Options :

920906107869. 1
920906107870. 2
920906107871. 3
920906107872. 4

Question Number : 69 Question Id : 92090627299 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Identify the correct statement with regard to acidity and basicity of substances

1. An acid is a species having a tendency to accept a proton
2. A base is a species having a tendency to lose a proton
3. pH is the negative logarithm of the H_3O^+ concentration
4. Stronger the acid, the stronger its conjugate base

Options :

920906107873. 1
920906107874. 2
920906107875. 3

920906107876. 4

Question Number : 69 Question Id : 92090627299 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

पदार्थों की अम्लीयता और क्षारीयता के संबंध में असत्य कथन की पहचान करें :

1. एक अम्ल वह प्रजाति विशिष्टता है जिसमें एक प्रोटोन स्वीकारने की प्रवृत्ति होती है।
2. एक क्षार वह प्रजाति विशिष्टता है जिसमें एक प्रोटोन की हिनि उठाने की प्रवृत्ति होती है।
3. Ph, H₃O⁺ सांद्रण का नकारात्मक
4. अम्ल जितना अधिक मजबूत होगा, इसका संयुग्म आधार उतना ही सशक्त होगा।

Options :

920906107873. 1

920906107874. 2

920906107875. 3

920906107876. 4

Question Number : 70 Question Id : 92090627300 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Following drug is used as inhalational anaesthetic

1. Diazepam
2. Midazolam
3. Etomidate
4. Nitrous oxide

Options :

920906107877. 1

920906107878. 2

920906107879. 3

920906107880. 4

Question Number : 70 Question Id : 92090627300 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित औषधि का प्रयोग श्वसनात्मक निष्चेतक के रूप में किया जाता है।

1. डाइसेपाम
2. मिडोजोलम
3. इटोमीडेट
4. नाइट्रस ऑक्साइड

Options :

920906107877. 1

920906107878. 2

920906107879. 3

920906107880. 4

Question Number : 71 Question Id : 92090627301 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following benzodiazepines is a short acting sedative hypnotics?

1. Flurazepam
2. Diazepam
3. Temazepam
4. Lorazepam

Options :

920906107881. 1

920906107882. 2

920906107883. 3

920906107884. 4

Question Number : 71 Question Id : 92090627301 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसा बेन्जोडिएजेपाइन अल्पकालिक उपशामक मोहा वेशक है?

1. फ्लुरोजेपाम
2. डाइजेपाम
3. टेमाजेपाम
4. लोराजेपाम

Options :

920906107881. 1

920906107882. 2

920906107883. 3

920906107884. 4

Question Number : 72 Question Id : 92090627302 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

The major inhibitory amino acid neurotransmitter in mammalian CNS is

1. Glucose
2. Sodium ion
3. GABA
4. Serotonin

Options :

920906107885. 1

920906107886. 2

920906107887. 3

920906107888. 4

Question Number : 72 Question Id : 92090627302 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

स्तनधारीय सीएनएस में प्रमुख अवरोधनकारी अमीनो अम्ल न्यूरोट्रांसमिटर है :

1. ग्लूकोस
2. सोडियम
3. जीएबीए
4. सिरोटोनिन

Options :

920906107885. 1
920906107886. 2
920906107887. 3
920906107888. 4

Question Number : 73 Question Id : 92090627303 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

In steroidal aglycone portion of cardiac glycosides

1. Rings A–B and C–D are cis-fused, whereas rings B–C have a trans configuration
2. Rings A–B and C–D are trans-fused, whereas rings B–C have a cis configuration
3. Rings A–B, B–C and C–D are trans fused
4. Rings A–B, B–C and C–D are cis fused

Options :

920906107889. 1
920906107890. 2
920906107891. 3
920906107892. 4

Question Number : 73 Question Id : 92090627303 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कार्डियक ग्लायकोसाइड्स के स्टेरॉयडलीय एगलायकोन भाग में

1. वलय A-B और C-D सिस-फ्यूज्ड हैं, वही वलय B-C में ट्रांस विन्यास होता है।
2. वलय A-B और C-D ट्रांस-फ्यूज्ड है, जबकि वलय B-C में सिस विन्यास होता है।
3. वलय A-B, B-C और C-D ट्रांस फ्यूज्ड हैं।
4. वलय A-B, B-C और C-D सिस-फ्यूज्ड हैं।

Options :

- 920906107889. 1
- 920906107890. 2
- 920906107891. 3
- 920906107892. 4

Question Number : 74 Question Id : 92090627304 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following anti-fungal drug is effective in treating kala-azar?

1. Paromomycin
2. Amphotericin B
3. Miltefosine
4. Sodium stibogluconate

Options :

- 920906107893. 1
- 920906107894. 2
- 920906107895. 3
- 920906107896. 4

Question Number : 74 Question Id : 92090627304 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसी कवकरोधी औषधि काला-अज़र के उपचार में प्रभावी है?

1. पारोमोमयीन
2. एम्फोटेरीसिन B
3. मिल्टेफोसिन
4. सोडियम स्टीबोग्लूकोनेट

Options :

920906107893. 1

920906107894. 2

920906107895. 3

920906107896. 4

Question Number : 75 Question Id : 92090627305 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

First-line antiretroviral regimens for adults is

1. Tenofovir + Lamivudine + Efavirenz
2. Lopinavir + Darunavir + Ritonavir
3. Atazanavir + Tenofovir + Efavirenz
4. Abacavir + Lamivudine + Stavudine

Options :

920906107897. 1

920906107898. 2

920906107899. 3

920906107900. 4

Question Number : 75 Question Id : 92090627305 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

वयस्कों के लिए प्रथम पंक्ति ऑर्टीरिट्रोयूरिल रजीमेंस हैं :

1. टेनोफोर + लामिवुडाइन + इफाविरिन्ज
2. लोपिनाविर + डरूनाविर + रेटोनांविर
3. अटाजानाविर + टेनोफीर + इफाविरिन्ज
4. अबाकाविर + लामिवुडाइन + स्टाविडाइन

Options :

920906107897. 1
920906107898. 2
920906107899. 3
920906107900. 4

Question Number : 76 Question Id : 92090627306 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following anti-cancer drugs is orally active triazine methylating agent and is also a drug of choice for glioma and other brain tumors?

1. Bendamustine
2. Docetaxel
3. Temozolomide
4. Cisplatin

Options :

920906107901. 1
920906107902. 2
920906107903. 3
920906107904. 4

Question Number : 76 Question Id : 92090627306 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसी कैंसर रोधी औषधि मुख्य सक्रिय मेथाइलेटिंग एजेंट है और ग्लोमा एवं अन्य मस्तिष्क गांठों के लिए भी चयनात्मक औषधी है।

1. बेन्डामिसटाइन
2. डासेटाजेल
3. टेमोजोलोमाइड
4. सिसप्लाटिन

Options :

920906107901. 1
920906107902. 2
920906107903. 3
920906107904. 4

Question Number : 77 Question Id : 92090627307 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following drugs is NOT a first line anti-tubercular drug?

1. Isoniazid
2. Rifampin
3. Ethionamide
4. Pyrazinamide

Options :

920906107905. 1
920906107906. 2
920906107907. 3
920906107908. 4

Question Number : 77 Question Id : 92090627307 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से कौनसी औषधि प्रथम पंक्ति एंटी – ट्यूबरकुलर औषध नहीं है।

1. इसोमियाजिड
2. रिफामपिन
3. इथीओनामाइड
4. पायराजिनामाइड

Options :

920906107905. 1
920906107906. 2
920906107907. 3
920906107908. 4

Question Number : 78 Question Id : 92090627308 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is a safer drug to be prescribed in diabetes during pregnancy?

1. Metformin
2. Sulfonylureas
3. Insulin
4. Repaglinide

Options :

920906107909. 1
920906107910. 2
920906107911. 3
920906107912. 4

Question Number : 78 Question Id : 92090627308 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

गर्भावस्था में मधुमेह के लिए परामर्श किए जाने योग्य निम्नलिखित में से सबसे सुरक्षित औषधि कौनसी है?

1. मेटफॉर्मिन
2. सल्फानायलुरेस
3. इंसुलिन
4. रेपाग्लिनाइड

Options :

920906107909. 1
920906107910. 2
920906107911. 3
920906107912. 4

Question Number : 79 Question Id : 92090627309 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following CNS stimulant is an analeptic drug?

1. Strychnine
2. Picrotoxin
3. Doxapram
4. Cocaine

Options :

920906107913. 1
920906107914. 2
920906107915. 3
920906107916. 4

Question Number : 79 Question Id : 92090627309 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित सिएनएस उत्प्रेरित में से कौनसी एनालेटिक औषधि है :

1. स्ट्रयचिनाइन
2. पिकरोटोक्सिन
3. डोम्सप्राम
4. कोकिन

Options :

920906107913. 1
920906107914. 2
920906107915. 3
920906107916. 4

Question Number : 80 Question Id : 92090627310 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

All bacteriophage having nucleic acid core covered by a protein coat known as

1. Capsid
2. Envelope
3. Filament
4. Flagella

Options :

920906107917. 1
920906107918. 2
920906107919. 3
920906107920. 4

Question Number : 80 Question Id : 92090627310 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

प्रोटीन आवरण से आच्छादित न्युक्लिक अम्ल कोर वाले सभी बैक्टीरियाफेज कहलाते हैं :

1. कैप्रिड
2. इन्वलोप
3. फिलामेंड
4. फ्लेगला

Options :

920906107917. 1
920906107918. 2
920906107919. 3
920906107920. 4

Question Number : 81 Question Id : 92090627311 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which techniques is **not** used for preservation of food?

1. Canning
2. Tanning
3. Pasteurization
4. Sterilization

Options :

920906107921. 1
920906107922. 2
920906107923. 3
920906107924. 4

Question Number : 81 Question Id : 92090627311 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

भोजन परिरक्षण के लिए किस तकनीक का प्रयोग नहीं होता है?

1. डिब्बाबंदि
2. टैनिंग
3. पाश्चुरीकरण
4. जीवाणुनाशन

Options :

920906107921. 1

920906107922. 2

920906107923. 3

920906107924. 4

Question Number : 82 Question Id : 92090627312 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Microorganism involved in production of Sausage food product

1. Lactobacillus Lactis
2. Enterobacter cloacae
3. Pediococcus cerevisiae
4. Lactobacillus thermophilus

Options :

920906107925. 1

920906107926. 2

920906107927. 3

920906107928. 4

Question Number : 82 Question Id : 92090627312 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सॉसिज खाद्य उत्पाद के उत्पादन में संलग्न सूक्ष्मजीव हैं ।

1. लैक्टोबैसिलस लेम्टिस
2. इंटेरोबैक्टर क्लोकाई
3. पिडियोकोकस सीरीविसाइक
4. लैक्टोबैसिलस थर्मोफाइलस

Options :

920906107925. 1
920906107926. 2
920906107927. 3
920906107928. 4

Question Number : 83 Question Id : 92090627313 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Post marketing surveillance comes under clinical trial

1. Phase I
2. Phase II
3. Phase III
4. Phase IV

Options :

920906107929. 1
920906107930. 2
920906107931. 3
920906107932. 4

Question Number : 83 Question Id : 92090627313 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

विपणन पश्चात निगरानी क्लिनिकल ट्रायल के किस चरण के अंतर्गत आती है

1. चरण I
2. चरण II
3. चरण III
4. चरण IV

Options :

- 920906107929. 1
- 920906107930. 2
- 920906107931. 3
- 920906107932. 4

Question Number : 84 Question Id : 92090627314 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following is not used as adjuvants for preparation of vaccines?

1. Aluminium salts
2. Lipid A
3. Glucose
4. Muramyl peptides

Options :

- 920906107933. 1
- 920906107934. 2
- 920906107935. 3
- 920906107936. 4

Question Number : 84 Question Id : 92090627314 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित में से किसका प्रयोग वैक्सीन निर्माण के लिए एडजुवेंट के रूप किया जाता है?

1. एल्युमिनियम लवण
2. लिपिड A
3. ग्लूकोस
4. मरामाइल पेप्टाइड्स

Options :

920906107933. 1

920906107934. 2

920906107935. 3

920906107936. 4

Question Number : 85 Question Id : 92090627315 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Collection of all RNA transcribed elements for a given genome is known as

1. Transcriptomics
2. Proteomics
3. Metabonomics
4. Metabolomics

Options :

920906107937. 1

920906107938. 2

920906107939. 3

920906107940. 4

Question Number : 85 Question Id : 92090627315 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

किसी प्रदत जीनोम के लिए सभि आरएनए अभिलेखित तत्वों का संकलन कहलाता है -

1. ट्रांसक्रिप्टोमिक्स
2. प्रोटियोमिक्स
3. मेटाबोनोमिक्स
4. मेटाबोलोमिक्स

Options :

920906107937. 1
920906107938. 2
920906107939. 3
920906107940. 4

Question Number : 86 Question Id : 92090627316 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following statements is NOT true about 'endotoxins'?

1. Endotoxins cannot form toxoids
2. Endotoxins are released from cell walls of lysed gram-negative bacteria
3. Endotoxins are proteinaceous by chemical nature
4. Endotoxins are heat stable

Options :

920906107941. 1
920906107942. 2
920906107943. 3
920906107944. 4

Question Number : 86 Question Id : 92090627316 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

“एंडोटोक्सिन” के बारे में निम्नलिखित में से कौनसा कथन सत्य नहीं है?

1. एंडोटॉक्सिन, टोम्सोइड्स नहीं बना सकते हैं।
2. एंडोटोक्सिन लायज्ड – ग्राम नकारात्मक जीवाणु की कोशिका भित्तियों से जारी होते हैं।
3. एंडोटोक्सिन्स रास्यनिक प्रतित में प्रोटिनिय होते हैं।
4. एंडोटोक्सिन्स ऊश्मा स्थिर होते हैं।

Options :

920906107941. 1

920906107942. 2

920906107943. 3

920906107944. 4

Question Number : 87 Question Id : 92090627317 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Artemisinin is an antimalarial drug and chemically it is

1. Sesquiterpene lactone
2. Benzyl isoquinoline alkaloid
3. Steroidal alkaloid
4. Indoloquinoline alkaloid

Options :

920906107945. 1

920906107946. 2

920906107947. 3

920906107948. 4

Question Number : 87 Question Id : 92090627317 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

अर्टेमिसिनीम एक मलेरियारोधि औषधि है और रासायनिक रूप से यह है :

1. सेस्किवतोफेन लेम्टोन
2. बेन्जोलिसोगिवीनोलाइन अल्कलॉइड
3. स्टीरोयडल अल्कॉइड
4. इंडोलोम्यूनोलाइन अल्कॉइड

Options :

920906107945. 1

920906107946. 2

920906107947. 3

920906107948. 4

Question Number : 88 Question Id : 92090627318 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Cardenolides and bufadienolides are cardiac glycosides and chemically differ with respect to

1. Six or seven-membered lactone ring
2. Five or six-membered lactone ring
3. Seven or eight-membered lactone ring
4. Five or six-membered lactam ring

Options :

920906107949. 1

920906107950. 2

920906107951. 3

920906107952. 4

Question Number : 88 Question Id : 92090627318 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

कार्बोनाइड्स और बूफाडिनोलाइड्स, कार्डियक ग्लाइकोसाइड्स हैं और रासायनिक रूप से किस संबंध में अलग है?

1. छह या सात – सदस्यीय लेक्टोन वलय
2. पाँच या छह – सदस्यीय लेक्टोन वलय
3. सात या आठ - सदस्यीय लेक्टोन वलय
4. पाँच या छह - सदस्यीय लेक्टम वलय

Options :

920906107949. 1

920906107950. 2

920906107951. 3

920906107952. 4

Question Number : 89 Question Id : 92090627319 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Supercritical fluid chromatography utilises this supercritical fluid as a mobile phase

1. CO
2. CO₂
3. SO₂
4. NO₂

Options :

920906107953. 1

920906107954. 2

920906107955. 3

920906107956. 4

Question Number : 89 Question Id : 92090627319 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

परमक्रांतिक तरल वर्णविज्ञान मोबाइल चरण के रूप में इस परमक्रांतिक तरल का उपयोग करता है।

1. CO
2. CO₂
3. SO₂
4. NO₂

Options :

920906107953. 1
920906107954. 2
920906107955. 3
920906107956. 4

Question Number : 90 Question Id : 92090627320 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
[Blood group type]		[Agglutinin (plasma antibody)]	
(A)	O	(I)	Anti-B
(B)	A	(II)	Anti-A
(C)	B	(III)	Anti-A and Anti-B
(D)	AB	(IV)	None

Choose the **correct answer** from the options given below :

1. (A)-(I); (B)-(III); (C)-(IV); (D)-(II)
2. (A)-(II); (B)-(III); (C)-(IV); (D)-(I)
3. (A)-(III); (B)-(I); (C)-(II); (D)-(IV)
4. (A)-(II); (B)-(IV); (C)-(I); (D)-(III)

Options :

920906107957. 1
920906107958. 2

920906107959. 3

920906107960. 4

Question Number : 90 Question Id : 92090627320 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I [रक्त समूह प्रकार]		सूची-II [अगलुटिमिन प्लाज्मा एंटीबॉडी]	
(A)	O	(I)	एंटी- B
(B)	A	(II)	एंटी - A
(C)	B	(III)	एंटी - A और एंटी - B
(D)	AB	(IV)	कोई नहीं

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(I); (B)-(III); (C)-(IV); (D)-(II)
2. (A)-(II); (B)-(III); (C)-(IV); (D)-(I)
3. (A)-(III); (B)-(I); (C)-(II); (D)-(IV)
4. (A)-(II); (B)-(IV); (C)-(I); (D)-(III)

Options :

920906107957. 1

920906107958. 2

920906107959. 3

920906107960. 4

Question Number : 91 Question Id : 92090627321 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Which of the following cognition enhancers is a NMDA antagonist?

1. Donepezil
2. Galantamine
3. Rivastigmine
4. Memantine

Options :

920906107961. 1
920906107962. 2
920906107963. 3
920906107964. 4

Question Number : 91 Question Id : 92090627321 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

निम्नलिखित संज्ञानात्मक संवर्धकों में से कौन सी NMDA एंटागोनिस्ट है :

1. डोनेपेजिल
2. कलनटेमीन
3. रिवासटिग माइन
4. मेमानटाइन

Options :

920906107961. 1
920906107962. 2
920906107963. 3
920906107964. 4

Question Number : 92 Question Id : 92090627322 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Opioid antagonist agent is

1. Methadone
2. Codeine
3. Pethidine
4. Naltrexone

Options :

920906107965. 1
920906107966. 2
920906107967. 3
920906107968. 4

Question Number : 92 Question Id : 92090627322 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

ओपिओइड एंटागोनिस्ट एजेंट है

1. मेथाडोन
2. कोडीन
3. पेथिडिन
4. नालट्रेक्सोन

Options :

920906107965. 1
920906107966. 2
920906107967. 3
920906107968. 4

Question Number : 93 Question Id : 92090627323 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Catecholamine are synthesized from the amino acid

1. Lysine
2. Glycine
3. Tryptophane
4. Phenylalanine

Options :

920906107969. 1
920906107970. 2
920906107971. 3
920906107972. 4

Question Number : 93 Question Id : 92090627323 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

केटेकोलामाइन किस अमीनो एसिड से संश्लेषित किए जाते हैं :

1. लायसिन
2. ग्लायसिन
3. ट्रिप्टोफेन
4. फेजफालामाइन

Options :

920906107969. 1
920906107970. 2
920906107971. 3
920906107972. 4

Question Number : 94 Question Id : 92090627324 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Gold Beater's Test is performed for determining the presence of True tannins in a crude drug sample.

Reason (R) : Clove and Coffee contain pseudotannins.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both (A) and (R) are true and (R) is the correct explanation of (A)
2. Both (A) and (R) are true but (R) is NOT the correct explanation of (A)
3. (A) is true but (R) is false
4. (A) is false but (R) is true

Options :

920906107973. 1

920906107974. 2

920906107975. 3

920906107976. 4

Question Number : 94 Question Id : 92090627324 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : कूड औषधि नमूने में वास्तविक टेनिन की उपस्थिति निर्धारित करने के लिये गोल्ड बिटर परीक्षण निष्पादित किया जाता है।

कारण R : लौंग और कॉफी छद्मटेनिन होता है ।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

920906107973. 1

920906107974. 2

920906107975. 3

920906107976. 4

Question Number : 95 Question Id : 92090627325 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
(A)	Analeptic drug	(I)	Morphine
(B)	Central depressants of motor function	(II)	Picrotoxin
(C)	Analgesic drug	(III)	Tropane alkaloids
(D)	Hallucinogenic	(IV)	Cannabis

Choose the **correct answer** from the options given below :

1. (A)–(I); (B)–(IV); (C)–(III); (D)–(II)
2. (A)–(III); (B)–(II); (C)–(IV); (D)–(I)
3. (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
4. (A)–(IV); (B)–(I); (C)–(II); (D)–(III)

Options :

920906107977. 1

920906107978. 2

920906107979. 3

920906107980. 4

Question Number : 95 Question Id : 92090627325 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए :

सूची-I		सूची-II	
(A)	एनालेप्टिक औषधि	(I)	मॉर्फिन
(B)	चलन प्रकार्य के केन्द्रीय अवसादक	(II)	पिक्रोटीक्सिन
(C)	एलर्जिरोधी औषधि	(III)	ट्रोपेन अल्कोलाइड
(D)	हलुसिनो जेनिक	(IV)	कनाबिस

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(I); (B)-(IV); (C)-(III); (D)-(II)
2. (A)-(III); (B)-(II); (C)-(IV); (D)-(I)
3. (A)-(II); (B)-(III); (C)-(I); (D)-(IV)
4. (A)-(IV); (B)-(I); (C)-(II); (D)-(III)

Options :

920906107977. 1
920906107978. 2
920906107979. 3
920906107980. 4

Question Number : 96 Question Id : 92090627326 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : For determination of leaf constants, only calculating stomatal number is not sufficient. Stomatal index should also be calculated.

Reason (R) : The number of stomata in a young leaf and matured leaves are the same.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

Options :

920906107981. 1
920906107982. 2
920906107983. 3
920906107984. 4

Question Number : 96 Question Id : 92090627326 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : पर्णक नियतांक के निर्धारण के लिये केवल रंधक संख्या की गणना करना ही पर्याप्त नहीं है। रंधक सूचकांक की भी गणना करनी चाहिए।

कारण R : किसी नवीन पर्णक और परिपक्व पर्णकों में रंधक की संख्या समान होती है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही है, लेकिन R सही नहीं है
- (4) A सही नहीं है, लेकिन R सही है

Options :

920906107981. 1
920906107982. 2
920906107983. 3
920906107984. 4

Question Number : 97 Question Id : 92090627327 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Vincristine and Reserpine are indole alkaloids.

Reason (R) : Tyrosine and Phenylalanine are the precursors for synthesis of Indole alkaloids.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

Options :

920906107985. 1
920906107986. 2
920906107987. 3
920906107988. 4

Question Number : 97 Question Id : 92090627327 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : विनक्रिस्टाइन और रेसेरपाइन, इंडोल अल्कालॉइड्स है।

कारण R : टायरोसिन और फिनायल अलानाइन, इंडोल अल्कालॉइड्स के संश्लेषण के लिए पूर्वगामी है।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

920906107985. 1
920906107986. 2
920906107987. 3
920906107988. 4

Question Number : 98 Question Id : 92090627328 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Given below are two statements, one is labelled as Assertion (A) and the other is labelled as Reason (R) :

Assertion (A) : Liebermann Burchard Test is positive for Digitalis, Dioscorea and strophanthus.

Reason (R) : Digitalis, Dioscorea and strophanthus have sterol ring containing chemical constituents.

In the light of the above statements, choose the **most appropriate answer** from the options given below.

1. Both (A) and (R) are correct and (R) is the correct explanation of (A)
2. Both (A) and (R) are correct but (R) is NOT the correct explanation of (A)
3. (A) is correct but (R) is not correct
4. (A) is not correct but (R) is correct

Options :

920906107989. 1
920906107990. 2

920906107991. 3

920906107992. 4

Question Number : 98 Question Id : 92090627328 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

नीचे दो कथन दिए गए हैं: एक अभिकथन (Assertion A) के रूप में लिखित है तो दूसरा उसके कारण (Reason R) के रूप में;

अभिकथन A : डिजिटलिस, डायसकोरिया और स्ट्रोफेनथस के लिए लिबरमैन बरकार्ड परीक्षण सकारात्मक होता है।

कारण R : डिजिटलिस, डायसकोरिया और स्ट्रोफेनथस में रासायनिक संघटकों के अन्तर्वेशन वाले स्टेरोल वलय होते हैं।

उपरोक्त कथन के आलोक में, नीचे दिए गए विकल्पों में से सबसे उपयुक्त उत्तर का चयन कीजिए

- (1) A और R दोनों सही हैं और R, A की सही व्याख्या है
- (2) A और R दोनों सही हैं, लेकिन R, A की सही व्याख्या नहीं है
- (3) A सही हैं, लेकिन R सही नहीं है
- (4) A सही नहीं हैं, लेकिन R सही है

Options :

920906107989. 1

920906107990. 2

920906107991. 3

920906107992. 4

Question Number : 99 Question Id : 92090627329 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
(A)	Senna	(I)	Quinoline alkaloids
(B)	Cinchona	(II)	Sennoside B
(C)	Turmeric	(III)	Curcuminoids
(D)	Rhubarb	(IV)	Chrysopharol

Choose the **correct answer** from the options given below :

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(III); (C)–(IV); (D)–(I)
3. (A)–(II); (B)–(I); (C)–(III); (D)–(IV)
4. (A)–(I); (B)–(III); (C)–(IV); (D)–(II)

Options :

920906107993. 1

920906107994. 2

920906107995. 3

920906107996. 4

Question Number : 99 Question Id : 92090627329 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I		सूची-II	
(A)	सिना	(I)	क्यूनोलाइन अल्कालॉइड्स
(B)	सिनकोना	(II)	सेनासाइड B
(C)	हल्दि	(III)	करकुमिनोइड्स
(D)	रूबार्ब	(IV)	चरयसोफानोल

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
2. (A)–(II); (B)–(III); (C)–(IV); (D)–(I)
3. (A)–(II); (B)–(I); (C)–(III); (D)–(IV)
4. (A)–(I); (B)–(III); (C)–(IV); (D)–(II)

Options :

920906107993. 1
920906107994. 2
920906107995. 3
920906107996. 4

**Question Number : 100 Question Id : 92090627330 Question Type : MCQ Option Shuffling : No Is
Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum
Instruction Time : 0**

Correct Marks : 4 Wrong Marks : 1

Match List-I with List-II :

List-I		List-II	
(A)	Atropine	(I)	Phenylalanine-derived alkaloid
(B)	Arabasine	(II)	Lysine-derived alkaloid
(C)	Ephedrine	(III)	Ornithine-derived alkaloid
(D)	Strychnine	(IV)	Tryptophan-derived alkaloid

Choose the **correct answer** from the options given below :

1. (A)–(III); (B)–(II); (C)–(I); (D)–(IV)
2. (A)–(I); (B)–(II); (C)–(III); (D)–(IV)
3. (A)–(II); (B)–(III); (C)–(I); (D)–(IV)
4. (A)–(I); (B)–(III); (C)–(II); (D)–(IV)

Options :

920906107997. 1

920906107998. 2

920906107999. 3

920906108000. 4

Question Number : 100 Question Id : 92090627330 Question Type : MCQ Option Shuffling : No Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4 Wrong Marks : 1

सूची I के साथ सूची II का मिलान कीजिए:

सूची-I		सूची-II	
(A)	एट्रोपिन	(I)	फेनाइलएलानाइन-उत्पन्न अल्कालॉइड
(B)	एनाबेसिन	(II)	लायसिन - उत्पन्न अल्कालॉइड
(C)	इफेड्रइन	(III)	ऑरिनिथीन - उत्पन्न अल्कालॉइड
(D)	स्ट्रेचिनाइन	(IV)	ट्रिप्रोफेन - उत्पन्न अल्कालॉइड

नीचे दिए गए विकल्पों में से सही उत्तर का चयन कीजिए:

1. (A)-(III); (B)-(II); (C)-(I); (D)-(IV)
2. (A)-(I); (B)-(II); (C)-(III); (D)-(IV)
3. (A)-(II); (B)-(III); (C)-(I); (D)-(IV)
4. (A)-(I); (B)-(III); (C)-(II); (D)-(IV)

Options :

920906107997. 1
920906107998. 2
920906107999. 3
920906108000. 4