

Andhra Pradesh State Council of Higher Education

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name :	Sericulture 19th Oct 2022 Shift 2
Duration :	120
Total Marks :	140
Display Marks:	No
Share Answer Key With Delivery Engine :	Yes
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

Research Methodology

Section Id :	549470417
Section Number :	1
Mandatory or Optional :	Mandatory
Number of Questions :	59
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 1 Question Id : 54947029683 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most desirable skill of teacher is to

Options :

1. ✓ make the students understand what the teacher says
2. ✘ cover the prescribed course
3. ✘ keep students relaxed while teaching
4. ✘ keep higher authorities informed about the class activities

Question Number : 2 Question Id : 54947029684 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following orders are the three levels of teaching?

- (i) Memory level of teaching
- (ii) Understanding level of teaching
- (iii) Reflective level of teaching
- (iv) Pedagogical level of teaching

Options :

- 1. ✓ (i), (ii), and (iii)
- 2. ✘ (ii), (iii), and (iv)
- 3. ✘ (i), (iii), and (iv)
- 4. ✘ (i), (ii), and (iv)

Question Number : 3 Question Id : 54947029685 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The best way a teacher can try to inculcate good values among students is

Options :

1. ✘ teaching by way of storytelling
2. ✘ by developing sense of discipline
3. ✔ ideal behaviour of teacher themselves
4. ✘ to take their parents into confidence

Question Number : 4 Question Id : 54947029686 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Morphographs is the term associated with

Options :

1. ✔ Corrective spelling

2. ✖ Corrective teaching

3. ✖ Corrective learning

4. ✖ Corrective behaviour

Question Number : 5 Question Id : 54947029687 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If you get an opportunity to teach a visually challenged student along with normal students, what type of treatment would you like to give him in the class?

Options :

1. ✖ Not giving extra attention because majority may suffer

2. ✖ Take care of him sympathetically in the classroom

3. ✖ You will think that blindness is his destiny and hence you cannot do anything

Arrange a seat in the front row and try to teach at a pace convenient to him

4. ✓

Question Number : 6 Question Id : 54947029688 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

For a teacher, which of the following methods would be correct for writing on the blackboard?

Options :

Writing fast and as clearly as possible

1. ✘

Writing the matter first and then asking students to read it

2. ✘

Asking a question to students and then writing the answer as stated by them

3. ✘

Writing the important points as clearly as possible

4. ✓

Question Number : 7 Question Id : 54947029689 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who developed the interaction analysis category system in education for increasing the teacher's effectiveness

Options :

1. ✓ Flander
2. ✘ Rayon
3. ✘ Amidon and Simon
4. ✘ Richard Over

Question Number : 8 Question Id : 54947029690 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What do you consider as the main aim of interdisciplinary research?

Options :

1. ✓ To bring out holistic approach to research
2. ✘ To reduce the emphasis of single subject in research domain

3. ✘ To oversimplify the problem of research

4. ✘ To create a new trend in research methodology

Question Number : 9 Question Id : 54947029691 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The research which is exploring new facts through the study of the past is called

Options :

1. ✘ Philosophical research

2. ✔ Historical research

3. ✘ Mythological research

4. ✘ Content analysis

Question Number : 10 Question Id : 54947029692 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The government of India conducts census after every 10 years. The method of research used in this process is

Options :

1. ✘ Case study
2. ✘ Developmental
3. ✔ Survey
4. ✘ Experimental

**Question Number : 11 Question Id : 54947029693 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The process not needed in experimental research is

Options :

1. ✘ Observation

2. ✘ Manipulation and replication

3. ✘ Controlling

4. ✔ Reference collection

Question Number : 12 Question Id : 54947029694 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Ex post facto research means

Options :

1. ✔ The research is carried out after the incident

2. ✘ The research is carried out prior to the incident

3. ✘ The research is carried out along with the happening of an incident

4. ✘ The research is carried out keeping in mind the possibilities of an incident

Question Number : 13 Question Id : 54947029695 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Arrange the following steps of research in correct sequence:

- I. Identification of research problem
- II. Listing of research objectives
- III. Collection of data
- IV. Methodology
- V. Data analysis
- VI. Results and discussion

Options :

- 1. ✘ I, II, III, V, IV, and VI
- 2. ✔ I, II, III, IV, V, and VI
- 3. ✘ II, I, III, IV, V, and VI
- 4. ✘ II, I, IV, III, V, and VI

Question Number : 14 Question Id : 54947029696 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A variable that is presumed to cause a change in another variable is called

Options :

A categorical variable

1. ✘

A dependent variable

2. ✘

An independent variable

3. ✔

An intervening variable

4. ✘

Is Section Default? : null

Question Id : 54947029697 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 : (15 to 21)

Read the following passage carefully and answer the questions from 15 to 21:

The great Acharyas have said that everything discovered has a great goal; surrender yourself to that goal and act towards it by drawing your inspiration from that goal whereby you will get a new column of energy. Do not allow this energy to be dissipated in the futile memory of past regrets or failures, or excitement of the present, and bring that entire energy focused into activity, that is, the highest creative action in the world outside, whereby the individual who is till now considered the most inefficient finds his way to the highest achievement and success.

This can be said very easily in a second. In order to train our mind to this attitude, consider able training is needed because we have already trained our mind wrongly to such an extent that we have become perfect in imperfections. Not knowing the art of action, we have mastered artists in doing wrong things; the totality of activity will bring the country to a wrong end indeed.

If each one is given a car to achieve an ideal socialistic pattern and nobody knows driving, but starts driving, what would be the condition on road? Everybody has equal rights on the public road. Then, each car will necessarily dash against the other and there is bound to be a jumble.

There seems to be a very apt pattern of life that we are heading to. Every one of us is a vehicle. We know how to go forward. The point intellect is very powerful and everybody is driving but nobody knows how to control the mental energy and direct it properly or guide it to the proper destination.

Sub questions

Question Number : 15 Question Id : 54947029698 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the effect of wrong training of our mind?

Options :

Becoming perfect in all aspects of life

1. ✘

Becoming master artists

2. ✘

Taking the country to wrong destination

3. ✘

Carrying on activities without knowing how to control mental energies

4. ✔

Question Number : 16 Question Id : 54947029699 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The source of energy according to the author is

Options :

Highest creative action

1. ✘

Proper training of mind

2. ✘

Inspiration from past events

3. ✘

Stimulation obtained from a set goal

4. ✔

**Question Number : 17 Question Id : 54947029700 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The author's main focus in the passage is

Options :

Finding out a worthy goal in life

1. ✘

Regulation of energy in proper channels

2. ✔

Struggle for equal rights

3. ✘

Car accidents due to lack of driving skills

4. ✘

**Question Number : 18 Question Id : 54947029701 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The country may perish because of

Options :

Failures in past acts

1. ✘

Wrong deeds performed without proper knowledge

2. ✔

Complete surrender to anyone goal

3. ✘

Directing mental energy to the right destination

4. ✘

**Question Number : 19 Question Id : 54947029702 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The author considers everyone to be a vehicle that knows how to go forward

Options :

1. ✘ Without driving energy
2. ✘ With least consideration for others
3. ✔ With no sense of direction
4. ✘ With no control on speed

Question Number : 20 Question Id : 54947029703 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following can be considered as the most suitable title for the passage?

Options :

1. ✘ Human mind versus car
2. ✔ Channelization of mental energy
3. ✘ Mental energy

Life without a goal

4. ✘

Question Number : 21 Question Id : 54947029704 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How do you interpret that “we have become perfect in imperfections”?

Options :

1. ✔ We have already trained our minds wrongly

2. ✘ We have trained the artists with proper art of action

3. ✘ Right performance with wrong training

4. ✘ Wrong performance with right training

Is Section Default? : null

Question Number : 22 Question Id : 54947029705 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the three components are parts of the human communication process?

Options :

1. ✘ Message, recording, and feedback
2. ✘ Noise, feedback, and jargon
3. ✔ Message, noise, and feedback
4. ✘ Feedback, message, and critiquing

Question Number : 23 Question Id : 54947029706 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Communication becomes circular when

Options :

1. ✔ The decoder becomes an encoder
2. ✘ The feedback is absent
3. ✘ The source is credible

The channel is clear

4. ✘

Question Number : 24 Question Id : 54947029707 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following statement(s) is/are true in context of paraphrasing?

(A) It is basically about stating in your own words, your understanding of what has just been said.

(B) It gives speaker opportunity to find out what message s/he is getting across to you.

Options :

Only A

1. ✘

Only B

2. ✘

Both A and B

3. ✔

Neither A nor B

4. ✘

Question Number : 25 Question Id : 54947029708 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In communication, chatting in internet is

Options :

1. ✓ Verbal communication
2. ✘ Non-verbal communication
3. ✘ Parallel communication
4. ✘ Grapevine communication

Question Number : 26 Question Id : 54947029709 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chinese Cultural Revolution leader Mao Zedong used a type of communication to talk to the masses known as

Options :

1. ✓ Mass line communication

Group communication

2. ✘

Participatory communication

3. ✘

Dialogue communication

4. ✘

**Question Number : 27 Question Id : 54947029710 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Telephone is an example of

Options :

Linear communication

1. ✔

Non-linear communication

2. ✘

Circular

3. ✘

Mechanized

4. ✘

Question Number : 28 Question Id : 54947029711 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A message beneath a message is labelled as

Options :

1. ✘ Embedded text

2. ✘ Internal text

3. ✘ Intertext

4. ✔ Subtext

Question Number : 29 Question Id : 54947029712 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

0, 3, 8, 15, 24, 35, 48, 63, ...

Options :

1. ✓ 80

2. ✘ 82

3. ✘ 83

4. ✘ 84

Question Number : 30 Question Id : 54947029713 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ABC, CBA, DEF, ... , GHI, IHG

Options :

1. ✘ JKL

2. ✓ FED

3. ✘ DFE

IJK

4. ✘

Question Number : 31 Question Id : 54947029714 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If 'PAT' is coded as 'QRBCUV', then how will you code 'GRACE'?

Options :

HISTBCDEFG

1. ✔

HISTBCDEGF

2. ✘

HISBTCDEFG

3. ✘

HISTBCEDFG

4. ✘

Question Number : 32 Question Id : 54947029715 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If B is the only child of C's grandfather's only daughter, then how is C's father related to B?

Options :

1. ✓ Maternal uncle

2. ✘ Father

3. ✘ Paternal uncle

4. ✘ Can't be determined

Question Number : 33 Question Id : 54947029716 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Shalini walked 15 m towards south, took right turn, and walked 3 m. She took a right turn again and walked 15 m before stopping. Which direction did Shalini face after stopping?

Options :

1. ✘ West

2. ✘ South

3. ✘ East

4. ✔ North

Question Number : 34 Question Id : 54947029717 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If A's income is 25% more than B's and B's income is 20% more than C's, by what percent is A's income more than C's?

Options :

1. ✘ 15%

2. ✘ 25%

3. ✘ 33.5%

4. ✔ 50%

Question Number : 35 Question Id : 54947029718 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A train whose length is 320 m is running at a speed of 36 kmph. How much time will it take to pass a pole?

Options :

1. ✘ 30 s

2. ✔ 32 s

3. ✘ 36 s

4. ✘ 40 s

Question Number : 36 Question Id : 54947029719 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A deductive argument is valid if

Options :

1. ✘ Premises are false and conclusion is true

Premises are false and conclusion is also false

2. ✘

Premises are true and conclusion is false

3. ✘

Premises are true and conclusion is true

4. ✔

Question Number : 37 Question Id : 54947029720 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The spread of the Internet for higher education is premised on

Options :

Research and development is vital

1. ✘

Browsing encourages critical thinking

2. ✘

Easy management and dissemination of knowledge

3. ✔

India should be second to none in the world

4. ✖

Question Number : 38 Question Id : 54947029721 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Given below are two statements followed by two conclusions I and II. Assuming that the given statements are true even if they are at variance with the commonly known facts, pick up one of the following answer choice which you think is correct.

Statements:

All boys are men.

All men are fathers.

Conclusions:

I. Some men are boys.

II. All boys are fathers.

Options :

If only conclusion I follows

1. ✖

If only conclusion II follows

2. ✖

3. ✓
If both I and II follow

4. ✘
If neither I nor II follows

**Question Number : 39 Question Id : 54947029722 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Given below are two statements followed by two conclusions I and II. Assuming that the given statements are true even if they are at variance with the commonly known facts, pick up one of the following answer choice which you think is correct.

Statements:

Some benches are chairs.

Hammer is a bench.

Conclusions:

I. Some chairs are benches.

II. Hammer is not a chair.

Options :

1. ✓
If only conclusion I follows

If only conclusion II follows

2. ✘

If both I and II follow

3. ✘

If neither I nor II follows

4. ✘

**Question Number : 40 Question Id : 54947029723 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which one of the following is not an argument?

Options :

Devadutt does not eat in the day so he must be eating at night.

1. ✘

If Devadutt is growing fat and if he does not eat during the day, then he will be eating at night.

2. ✔

Devadutt eats in the night so he does not eat during the day.

3. ✘

Since Devadutt does not eat in the day, he must be eating in the night.

4. ✘

Question Number : 41 Question Id : 54947029724 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following are Central Universities?

(i) Pondicherry University

(ii) Vishwa Bharati

(iii) H.N.B. Garhwal University

(iv) Kurukshetra University

Select the correct answer from the codes given below:

Options :

1. ✔ (i), (ii), and (iii)

2. ✘ (i), (iii), and (iv)

3. ✘ (ii), (iii), and (iv)

4. ✘ (i), (ii), and (iv)

**Question Number : 42 Question Id : 54947029725 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The first virtual University of India came up in

Options :

Andhra Pradesh

1. ✘

Maharashtra

2. ✔

Uttar Pradesh

3. ✘

Tamil Nadu

4. ✘

Is Section Default? : null

**Question Id : 54947029726 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 : (43 to 45)**

Note:

Study the following table carefully and answer questions 43 - 45. It consists of breakup of expenses of a company over different years.

Year	Items of expenditure rupees in lakhs				
	Salary	Fuel & Transport	Bonus	Interest on loans	Taxes
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

Sub questions

Question Number : 43 Question Id : 54947029727 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

What is the average amount of interest per year which the company had to pay during this period?

Options :

32.43 lakhs

1. ✖

- 2. ✘ 33.72 lakhs
- 3. ✘ 34.18 lakhs
- 4. ✔ 36.66 lakhs

Question Number : 44 Question Id : 54947029728 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Total expenditure on all these items in 1998 was approximately what percent of the total expenditure in 2002?

Options :

- 1. ✘ 62%
- 2. ✘ 66%
- 3. ✔ 69%
- 4. ✘ 71%

Question Number : 45 Question Id : 54947029729 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The ratio between the total expenditure on taxes for all the years and the total expenditure on fuel and transport for all the years, respectively, is approximately

Options :

4 : 7

1. ✘

10 : 13

2. ✔

15 : 18

3. ✘

5 : 8

4. ✘

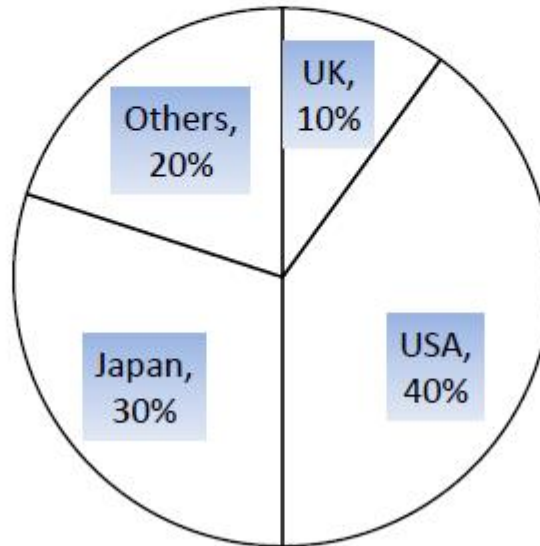
Is Section Default? : null

Question Id : 54947029730 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 : (46 to 49)

Note:

Study the following pie chart carefully and answer questions 46–49. It consists of data on tourist arrival from different countries. Total tourist traffic is 20 lakhs.



Sub questions

Question Number : 46 Question Id : 54947029731 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The difference between tourist numbers from USA and Japan is

Options :

1. ✓ 2 lakhs
2. ✗ 3 lakhs
3. ✗ 4 lakhs
4. ✗ 5 lakhs

Question Number : 47 Question Id : 54947029732 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the number of tourists from UK doubles up while the total remains the same, then the new angle extended by tourists from UK will be

Options :

1. ✗ 60°
2. ✓ 72°
3. ✗ 90°

120°

4. ✘

Question Number : 48 Question Id : 54947029733 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The angle extended at the centre by sector of tourists from USA is

Options :

108°

1. ✘

118°

2. ✘

144°

3. ✔

165°

4. ✘

Question Number : 49 Question Id : 54947029734 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the tourist traffic from USA shows a growth of 50% while the total number of tourists remains the same, then the new percentage from USA is

Options :

1. ✘ 40%
2. ✘ 45%
3. ✔ 50%
4. ✘ 60%

Is Section Default? : null

Question Number : 50 Question Id : 54947029735 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The institution promoted by the Department of IT to provide communication infrastructure and services to academic research institutions in India is

Options :

1. ✘ INFLIBNET
2. ✘ UGC

ERNET

3. ✓

No Option

4. ✘

**Question Number : 51 Question Id : 54947029736 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

MICR stands for

Options :

Magnetic Ink Character Reader

1. ✓

Magnetic Ink Code Reader

2. ✘

Magnetic Ink Cases Reader

3. ✘

No Option

4. ✘

**Question Number : 52 Question Id : 54947029737 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which of the following is not related to information security on the Internet?

Options :

Data encryption

1. ✘

Water marking

2. ✘

Data hiding

3. ✘

Information retrieval

4. ✔

**Question Number : 53 Question Id : 54947029738 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

World Wide Web was proposed by

Options :

Bill Gates

1. ✘

ARPANET

2. ✘

Tim Berners-Lee

3. ✘

Bill Rogers

4. ✔

Question Number : 54 Question Id : 54947029739 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Name of the protocol that supports linking from one web page to another page

Options :

HTML

1. ✘

IP

2. ✘

HTTP

3. ✔

FTP

4. ✘

Question Number : 55 Question Id : 54947029740 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ISDN stands for

Options :

Integrated Services Digital Network

1. ✓

Intelligent Services Digital Network

2. ✗

Individual Services Digital Network

3. ✗

Image Services Digital Network

4. ✗

Question Number : 56 Question Id : 54947029741 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Exclusive educational channel of IGNOU is known as

Options :

Gyan Darshan

1. ✓

Gyan Vani

2. ✘

Doordarshan

3. ✘

Prasar Bharati

4. ✘

**Question Number : 57 Question Id : 54947029742 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Ozone depletion is caused due to increase in the level of

Options :

Water vapour

1. ✘

Chlorofluorocarbo

2. ✔

Oxygen

3. ✘

Carbon monoxide

4. ✘

Question Number : 58 Question Id : 54947029743 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following is the most dangerous and long-lasting?

Options :

Nuclear waste

1. ✔

Volcano ash

2. ✘

Mining waste

3. ✘

Biomedical waste

4. ✘

Question Number : 59 Question Id : 54947029744 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Petrol engines release gaseous oxides of

Options :

1. ✘ Sulphur
2. ✔ Nitrogen
3. ✘ Phosphorous
4. ✘ Carbon

Question Number : 60 Question Id : 54947029745 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which of the following causes the least pollution when burnt?

Options :

1. ✘ Petrol
2. ✘ Diesel
3. ✘ Coal

Natural gas

4. ✓

**Question Number : 61 Question Id : 54947029746 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The increased water demand in the cities can be better met by

Options :

Larger desalination plants

1. ✘

Adoption of conservation measures

2. ✓

Drilling more tube wells

3. ✘

By sewerage treatment plants

4. ✘

**Question Number : 62 Question Id : 54947029747 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Which one of the following is a renewable resource?

Options :

1. ✘ Natural gas
2. ✘ Petroleum
3. ✔ Ground water
4. ✘ Coal

Question Number : 63 Question Id : 54947029748 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which National Park is situated at the highest altitude in the country?

Options :

1. ✘ Corbett National Park
2. ✔ Hemis National Park

Silent Valley National Park

3. ✘

Dachigam National Park

4. ✘

Question Number : 64 Question Id : 54947029749 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The National Knowledge Commission, a high level advisory body to Prime Minister of India, with the objective of transforming India into a knowledge society was set up in the year

Options :

2005

1. ✔

2006

2. ✘

2007

3. ✘

2008

4. ✘

Question Number : 65 Question Id : 54947029750 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who was the chairman of University Education Commission set up in 1948?

Options :

Dr S. Radhakrishnan

1. ✓

Dr D. S. Kothari

2. ✘

Maulana Abul Kalam Azad

3. ✘

C. D. Deshmukh

4. ✘

Question Number : 66 Question Id : 54947029751 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The Constitution of India (originally) is divided into

Options :

20 parts

1. ✘

2. ✓ 22 parts

3. ✘ 24 parts

4. ✘ 42 parts

Question Number : 67 Question Id : 54947029752 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which Fundamental Right is concerned with the abolition of social distinctions?

Options :

1. ✓ Right to equality

2. ✘ Right against exploitation

3. ✘ Right to life and liberty

4. ✘ Cultural and educational rights

**Question Number : 68 Question Id : 54947029753 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

An ordinance can be promulgated in case

Options :

of conflict between two Houses on a bill

1. ✖

both Houses of Parliament are not in session

2. ✔

the Lok Sabha has been dissolved

3. ✖

of elections

4. ✖

**Question Number : 69 Question Id : 54947029754 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

A Money Bill passed by the Lok Sabha has to be passed by Rajya Sabha within

Options :

1. ✘ Three months

2. ✔ Fourteen days

3. ✘ Twenty-one days

4. ✘ One month

Question Number : 70 Question Id : 54947029755 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

By which of the following measures NITI Aayog was established?

Options :

1. ✔ Cabinet resolution

2. ✘ Parliament resolution

President

3. ✘

Prime Minister

4. ✘

Sericulture

Section Id :	549470418
Section Number :	2
Mandatory or Optional :	Mandatory
Number of Questions :	70
Section Marks :	70
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Is Section Default? :	null

Question Number : 71 Question Id : 54947029756 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mulberry fruits are rich in

Options :

1. ✘ Fats

2. ✔ Carbohydrates

3. ✘ Copper

4. ✘ Anthocynins

Question Number : 72 Question Id : 54947029757 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Best suitable soil type for luxuriant growth of mulberry plants

Options :

1. ✘ Black soil

2. ✔ Loamy to clayey loam soil

3. ✘ arid soil

4. ✘ alkaline soil

Question Number : 73 Question Id : 54947029758 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Powdery Mildew disease in mulberry is caused by

Options :

1. ✘ *Cercosporamoricola*

2. ✔ *Phyllactiniacorylea*

3. ✘ *Peridiosporamori*

4. ✘ *Lasiodiplodia theobromae*

Question Number : 74 Question Id : 54947029759 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Popular ruling mulberry variety for silkworm rearing in southern part of India

Options :

1. ✘ Kanva-2

2. ✘ M5

3. ✘ S13

4. ✔ V1

Question Number : 75 Question Id : 54947029760 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Recommended dose of NPK fertilizer per hectare per year for V1 variety of mulberry is

Options :

1. ✓ 350:140:140
2. ✗ 450:100:100
3. ✗ 430: 150:150
4. ✗ 380:90:90

Question Number : 76 Question Id : 54947029761 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In the process of grafting the rooted plant is called

Options :

1. ✗ Scion
2. ✓ Stock
3. ✗ Transplant

4. ✖ Layer

Question Number : 77 Question Id : 54947029762 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Spacing followed in paired row system of mulberry cultivation

Options :

1. ✖ 2'x2'
2. ✖ (3'x3') x3
3. ✔ (5'x3') x2'
4. ✖ 3'x3'

Question Number : 78 Question Id : 54947029763 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Non-mulberry silkworms are also known as

Options :

1. ✔ Vanya silkworms
2. ✖ Mulberry silkworms

3. ✘ Caterpillars

4. ✘ Pupae

Question Number : 79 Question Id : 54947029764 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Central Sericulture Germplasm Resources Centre (CSGRC) is located at

Options :

1. ✘ Hyderabad

2. ✔ Hosur

3. ✘ Ranchi

4. ✘ New Delhi

Question Number : 80 Question Id : 54947029765 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Optimum temperature required for the healthy growth of embryo during incubation of silkworm eggs

Options :

1. ✘ 4°C
2. ✘ 13°C
3. ✘ 24°C
4. ✔ 25°C

Question Number : 81 Question Id : 54947029766 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The respiratory organs of silkworm *Bombyxmori* are

Options :

1. ✘ Gills
2. ✔ Tracheae
3. ✘ Integument
4. ✘ Silk Gland

Question Number : 82 Question Id : 54947029767 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Core protein in silk filament is

Options :

1. ✓ Fibroin
2. ✗ Keratin
3. ✗ Actin
4. ✗ Sericin

Question Number : 83 Question Id : 54947029768 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Chawki silkworms refers to

Options :

1. ✓ 1st and 2nd instar silkworms
2. ✗ Only 2nd instar silkworms
3. ✗ 5th instar silkworms
4. ✗ 4th instar silkworms

**Question Number : 84 Question Id : 54947029769 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Black boxing during incubation of silkworm eggs is to obtain

Options :

1. ✓ Uniform hatching
2. ✘ To stop hatching
3. ✘ Hatching in instalments
4. ✘ Hatching after 24 hours

**Question Number : 85 Question Id : 54947029770 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

CSTRI represents

Options :

1. ✘ Central Seed Technological Research Institute
2. ✘ Central State Technological Research Institute
3. ✓ Central Silk Technological Research Institute

4. ✘ Central Sugar Technological Research Institute

Question Number : 86 Question Id : 54947029771 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Scientific name of muga silkworm

Options :

1. ✘ Bombyxmori
2. ✘ Beauveriabassiana
3. ✘ Antheraraproylei
4. ✔ Antheraeaassamensis

Question Number : 87 Question Id : 54947029772 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

pH value of blood of silkworms is in range of from

Options :

1. ✘ 7.8 to 8.8

2. ✘ 2.2 to 2.8

3. ✔ 6.3 to 6.5

4. ✘ 4.3 to 5.2

Question Number : 88 Question Id : 54947029773 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pebrine disease in silkworm *Bombyxmori* is caused by

Options :

1. ✘ Morator virus

2. ✘ *Streptococcus bombycis*

3. ✔ *NosemaBombycisNageli*

4. ✘ *Serratiamarcescens*

Question Number : 89 Question Id : 54947029774 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A group of silkworm diseases which are associated with pathogenic bacteria come under the general term

Options :

1. ✘ Pebrine
2. ✘ Muscardine
3. ✘ Asperigilosis
4. ✔ Flacherie

Question Number : 90 Question Id : 54947029775 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Inner most cocoon layer is known as

Options :

1. ✔ Pelade Layer
2. ✘ Shell
3. ✘ Outer most Layer
4. ✘ Floss Layer

Question Number : 91 Question Id : 54947029776 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Tasar silkworm belongs to which family

Options :

1. ✓ Saturniidae
2. ✗ Pieridae
3. ✗ Nymphalidae
4. ✗ Lycaenidae

Question Number : 92 Question Id : 54947029777 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Optimum temperature and Relative Humidity (RH) required to get optimum and healthy growth of 5th instar silkworms

Options :

1. ✗ 30-32⁰ C and 90% RH
2. ✓ 23-24⁰ C and 70-75% RH
3. ✗ 34-36⁰ C and 75% RH

4. ✘ 10-12⁰ C and 90% RH

Question Number : 93 Question Id : 54947029778 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Approximate number of silkworm eggs in each loose egg box is

Options :

1. ✘ 75,000 eggs

2. ✘ 1,00,000 eggs

3. ✘ 10,000 eggs

4. ✔ 25,000 eggs

Question Number : 94 Question Id : 54947029779 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The transaction of cocoons takes place in

Options :

1. ✔ Regulated cocoon markets

2. ✘ Silk Exchange

3. ✘ Reeling Units

4. ✘ Grainages

Question Number : 95 Question Id : 54947029780 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The chemical nature of enzyme is

Options :

1. ✔ Proteins

2. ✘ Carbohydrates

3. ✘ Toxin

4. ✘ Phophates

Question Number : 96 Question Id : 54947029781 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which enzyme is used to join nicks in the DNA strand?

Options :

1. ✘ Primase

2. ✘ DNA polymerase

3. ✔ DNA ligase

4. ✘ Endonuclease

Question Number : 97 Question Id : 54947029782 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Pick the correct statement

Options :

1. ✔ India is largest consumer of silk

2. ✘ Salivary glands of silk moth produce silk

3. ✘ Central Silk Board is Located in New Delhi

4. ✘ Mulberry silkworm scientific name is *Antheraea mylitta*

Question Number : 98 Question Id : 54947029783 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

White muscardine disease in silkworms is caused by

Options :

1. ✘ *Isariafarinosa*
2. ✘ *Metarhiziumanisopliae*
3. ✔ *Beauveriabassiana*
4. ✘ *Nomuraearileyi*

Question Number : 99 Question Id : 54947029784 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

International Sericulture Commission (ISC) head office is located in

Options :

1. ✘ Lyon, France
2. ✘ Beijing, China
3. ✘ Tokyo, Japan
4. ✔ Bangalore, India

Question Number : 100 Question Id : 54947029785 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Tavelletta type of croissure is present in

Options :

1. ✘ Charaka
2. ✘ Country Charaka
3. ✔ Multi-end reeling machine
4. ✘ Primitive reeling Unit

**Question Number : 101 Question Id : 54947029786 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Denier of silk filament indicates

Options :

1. ✘ Weight of the silk filament
2. ✘ Length of the silk filament
3. ✔ Thickness of the silk filament
4. ✘ Breadth of the silk filament

Question Number : 102 Question Id : 54947029787 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Lectins are

Options :

1. ✘ Carbohydrates specific to Proteins
2. ✘ Sugars specific to hormones
3. ✘ Hormones specific to sugars
4. ✔ Proteins specific to sugars

Question Number : 103 Question Id : 54947029788 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The product essential for oxidative phosphorylation in the Krebs Cycle is

Options :

1. ✔ NADH and FADH₂
2. ✘ CO₂ and oxaloacetate
3. ✘ Acetyl CoA

4. ✖ NADPH and ATP

Question Number : 104 Question Id : 54947029789 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mode of DNA replication is

Options :

1. ✖ Conservative and bidirectional
2. ✖ Semiconservative and multidirectional
3. ✔ Semiconservative and bidirectional
4. ✖ Conservative and unidirectional

Question Number : 105 Question Id : 54947029790 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The Scientist suggested the mother moth examination to prevent pebrine disease in silkworm *Bombyxmori*

Options :

1. ✖ Issac Newton

2. ✘ Stephen Hawking

3. ✘ Jagadish Chandra Bose

4. ✔ Louis Pasteur

Question Number : 106 Question Id : 54947029791 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Primary food plant of tropical tasar is

Options :

1. ✘ *Ricinus communis Linn.*

2. ✘ *Heteropanus fragrans Roxb*

3. ✘ *Morus alba*

4. ✔ *Termanalia arjuna Roxb*

Question Number : 107 Question Id : 54947029792 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The largest regulated cocoon market in Asia is

Options :

1. ✘ Madanapalli cocoon market
2. ✘ Kuppam cocoon Market
3. ✘ Hyderabad cocoon market
4. ✔ Ramanagar cocoon market

Question Number : 108 Question Id : 54947029793 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Transfer of newly hatched silkworm from egg sheet to rearing tray is known as

Options :

1. ✘ Cooking
2. ✘ Spinning
3. ✔ Brushing
4. ✘ Incubation

Question Number : 109 Question Id : 54947029794 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

How many spinning larvae can be mounted per sq.ft.?

Options :

1. ✘ 80-100 spinning larvae
2. ✘ 100-120 spinning larvae
3. ✘ 80-90 spinning larvae
4. ✔ 40-60 spinning larvae

**Question Number : 110 Question Id : 54947029795 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Double cocoon is spun by

Options :

1. ✔ Two silkworms
2. ✘ 10 silkworms
3. ✘ 1 silkworms
4. ✘ More than five silkworms

Question Number : 111 Question Id : 54947029796 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Stifling is the process of

Options :

1. ✘ Killing of chawki worms
2. ✘ Killing of Silkworms
3. ✘ Inactivating of the Silkmoth
4. ✔ Killing of pupa in the cocoon

Question Number : 112 Question Id : 54947029797 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Fluctuation of temperature during spinning leads to the formation of

Options :

1. ✘ Uniform silk filament
2. ✘ Thick silk filament
3. ✘ Thin silk filament

4. ✓ Uneven silk filament

Question Number : 113 Question Id : 54947029798 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mulberry inflorescence is called

Options :

1. ✓ Catkin

2. ✘ Berry

3. ✘ Spike

4. ✘ No answer

Question Number : 114 Question Id : 54947029799 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The number of frictions required to split silk thread is called as

Options :

1. ✘ Visual test

2. ✘ Physical test

3. ✘ Neatness test

4. ✔ Cohesion test

Question Number : 115 Question Id : 54947029800 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

At what time the mulberry leaf should be harvested in a day for silkworm rearing

Options :

1. ✘ Afternoon

2. ✘ Night

3. ✔ Cooler hours of the Day

4. ✘ Mid night

Question Number : 116 Question Id : 54947029801 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Muga culture is an integral part of the traditional and culture of which state

Options :

1. ✘ Karnataka
2. ✘ Andhra Pradesh
3. ✘ Kerala
4. ✔ Assam

Question Number : 117 Question Id : 54947029802 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which state is leading producer of Muga silk?

Options :

1. ✘ Uttar Pradesh
2. ✘ Maharashtra
3. ✘ Madhya Pradesh

4. ✓ Assam

Question Number : 118 Question Id : 54947029803 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Non- diapause eggs hatches in

Options :

1. ✘ 5 days

2. ✓ 20 days

3. ✘ 10 days

4. ✘ 40 days

Question Number : 119 Question Id : 54947029804 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Common name of Bacterial diseases in silkworm *Bombyxmori*

Options :

1. ✘ Muscardine
2. ✘ Grasserie
3. ✔ Flacherie
4. ✘ Milky disease

Question Number : 120 Question Id : 54947029805 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Apex body for the development of complete gamut silk Industry in India is

Options :

1. ✔ Central Silk Board
2. ✘ Central Sericulture Research and training Institute
3. ✘ Central Tasar Research and training Institute

Central Silk Technology Research Institute

4. ✖

Question Number : 121 Question Id : 54947029806 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Proteinaceous silk is secreted in the fluid state by a caterpillar, popularly known as

Options :

1. ✖ Butter fly

2. ✖ Beetle

3. ✖ Grasshopper

4. ✔ Silkworm

Question Number : 122 Question Id : 54947029807 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

75% of success of silkworm rearing is depends upon

Options :

1. ✔ Quality feed and Environmental conditions

2. ✖ Quality of silkworm eggs

3. ✖ Quality of Chawki worms

4. ✖ Silkworm rearing technology

Question Number : 123 Question Id : 54947029808 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which enzyme is used in the unwinding of DNA?

Options :

1. ✖ Ligase

2. ✖ Topoisomerase

3. ✔ Helicase

4. ✖ Exonuclease

Question Number : 124 Question Id : 54947029809 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Common method of propagation in mulberry

Options :

1. ✘ Natural vegetative propagation
2. ✘ Cuttings
3. ✘ Sexual propagation
4. ✔ Micropropagation

Question Number : 125 Question Id : 54947029810 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Eri silk popularly known as

Options :

1. ✔ Ahimsa silk
2. ✘ Violent silk

3. ✖ Tasar silk

4. ✖ Golden silk

Question Number : 126 Question Id : 54947029811 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Silkworm *Bombyxmori* belongs to order

Options :

1. ✖ Hemiptera

2. ✖ Diptera

3. ✖ Trichoptera

4. ✔ Lepidoptera

Question Number : 127 Question Id : 54947029812 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Shoot rearing method is followed to rear

Options :

1. ✘ Young age silkworms
2. ✘ Newly hatched silkworms
3. ✘ Chawki Silkworms
4. ✔ Late age silkworms

Question Number : 128 Question Id : 54947029813 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Noil yarn is

Options :

1. ✘ By product of Twisting
2. ✔ By product of spun silk
3. ✘ By product of reeling

By product of weaving

4. ✘

Question Number : 129 Question Id : 54947029814 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Farm yard manure recommended per acre of mulberry garden per year is

Options :

30 tonnes

1. ✘

8 tonnes

2. ✔

50 tonnes

3. ✘

26 tonnes

4. ✘

Question Number : 130 Question Id : 54947029815 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Female silk moths allowed for oviposition for

Options :

1. ✘ 60 hours
2. ✘ 40 hours
3. ✔ 24 hours
4. ✘ 45 hours

Question Number : 131 Question Id : 54947029816 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Number of nitrogen bases in a DNA

Options :

1. ✘ 8
2. ✘ 6
3. ✘ 2
4. ✔ 1

Question Number : 132 Question Id : 54947029817 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Mulberry fruits are rich in

Options :

1. ✘ Fats
2. ✘ Carbohydrates
3. ✘ Copper
4. ✔ Anthocynins

Question Number : 133 Question Id : 54947029818 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

During DNA replication the synthesis of lagging strand of DNA results in fragments known as

Options :

1. ✔ Satellite segments

2. ✘ Kornberg segment

3. ✘ Okazaki fragments

4. ✘ Double-helix segment

Question Number : 134 Question Id : 54947029819 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

*Perseabombycina*Kost.is a food plant of

Options :

1. ✔ Muga silkworm

2. ✘ Temperate Tasar silkworm

3. ✘ Tropical Tasar silkworm

4. ✘ Mulberry silkworm

Question Number : 135 Question Id : 54947029820 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Traditional Bamboo mountages are known as

Options :

Plastic collapsible mountages

1. ✘

Rotary mountages

2. ✘

Bottle brush mountages

3. ✘

Chandrike

4. ✔

Question Number : 136 Question Id : 54947029821 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Number of moultings in silkworm *Bombyxmori*

Options :

4 moults

1. ✔

2. ✘ 10 moults

3. ✘ 2 moults

4. ✘ 6 moults

Question Number : 137 Question Id : 54947029822 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Cocoon cooking helps in

Options :

1. ✘ Hardening of silk

2. ✔ Softening of silk

3. ✘ Burn the silk

4. ✘ Twisting of silk

Question Number : 138 Question Id : 54947029823 Display Question Number : Yes Is Question Mandatory : No Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The silkworm has an ----- circulatory system

Options :

1. ✘ Closed
2. ✔ Loop-type
3. ✘ Closed and open system
4. ✘ Open

Question Number : 139 Question Id : 54947029824 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Silkworm *Bombyxmori* completes its life cycle in

Options :

1. ✘ 10-15 days
2. ✘ 15-24 days

3. ✘ 75-95 days

4. ✔ 45-55 days

Question Number : 140 Question Id : 54947029825 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A popular mulberry variety represents

Options :

1. ✘ Vijaya 1

2. ✘ Vijetha 1

3. ✘ Vishnu 1

4. ✔ Victory 1