

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 :	Research Methodology 18th Oct 2022 Shift 2
Duration :	60
Total Marks :	70
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 :	549470376
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 : 54947026747 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The most expected immediate outcome of teaching is

Options :

1. ✓ Changes in the behaviour of students in desirable direction
2. ✘ Development of total personality of students
3. ✘ Building characters of the students

Getting selected for a suitable job

4. ✖

Question Number : 2 Question Id : 54947026748 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Good teaching is best reflected by

Options :

Attendance of students

1. ✖

Number of distinctions

2. ✖

Meaningful questions asked by students

3. ✔

Pin-drop silence in the class

4. ✖

Question Number : 3 Question Id : 54947026749 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Listening to a lecture is basically

Options :

Informational listening

1. ✘

Evaluative listening

2. ✔

Emphatic listening

3. ✘

Dynamic Listening

4. ✘

Question Number : 4 Question Id : 54947026750 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 a characteristic of a slow learner?

Options :

Limited vocabulary

1. ✘

Short span of attention

2. ✘

Abstract thinking

3. ✓

Limited range of interests

4. ✘

Question Number : 5 Question Id : 54947026751 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Dynamic approach to teaching means

Options :

Teaching should be forceful and effective

1. ✘

Teachers should be energetic and dynamic

2. ✘

The topics of teaching should not be static, but dynamic

3. ✘

The students should be required to learn through activities

4. ✓

Question Number : 6 Question Id : 54947026752 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

For an efficient and durable learning, learner should have

Options :

Ability to learn only

1. ✘

Requisite level of motivation only

2. ✘

Opportunities to learn only

3. ✘

Desired level of ability and motivation

4. ✔

Question Number : 7 Question Id : 54947026753 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

National Literacy Mission was established in

Options :

1996

1. ✘

2. ✓
1988

3. ✗
1999

4. ✗
2000

Question Number : 8 Question Id : 54947026754 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Research can be conducted by a person who

Options :

1. ✗
Has studied research methodology

2. ✗
Holds a postgraduate degree

3. ✓
Possesses thinking and reasoning ability

Is a hard worker

4. ✘

Question Number : 9 Question Id : 54947026755 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 research specifically requires objectivity to discover facts and causes from the data gathered for the purpose?

Options :

Quantitative research

1. ✔

Fundamental research

2. ✘

Qualitative research

3. ✘

Action research

4. ✘

Question Number : 10 Question Id : 54947026756 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The classification of studies into exploratory, descriptive, analytical, or predictive research is based on

Options :

1. ✘ Logic of the research
2. ✘ Outcome of the research
3. ✘ Process of the research
4. ✔ Purpose of the research

Question Number : 11 Question Id : 54947026757 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which type of study will be preferred by a researcher to estimate the degree of relationship between the level of education and achievement motivation?

Options :

1. ✘ Naturalistic
2. ✘ Inventory
3. ✔ Correlational
4. ✘ Experimental

Question Number : 12 Question Id : 54947026758 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Good research ethics means

Options :

1. ✘ Not disclosing the holdings of shares or stocks in a company that sponsors your research
2. ✔ Assigning a particular research problem to one PhD or research student only

Discussing with your colleagues confidential data from a research paper that you are reviewing for an academic journal

3. ✘

Submitting the same research manuscript for publishing in more than one journal

4. ✘

Question Number : 13 Question Id : 54947026759 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A research paper

Options :

is a compilation of information on a topic

1. ✘

contains original research as deemed by the author

2. ✘

contains peer-reviewed original research or the evaluation of research conducted by others.

3. ✔

can be published in more than one journal.

4. ✘

Question Number : 14 Question Id : 54947026760 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Manipulation is always a part of

Options :

Historical research

1. ✘

Fundamental research

2. ✘

Descriptive research

3. ✘

Experimental research

4. ✔

Is Section Default? : null

Question Id : 54947026761 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:

Ecosystems provide people with a variety of goods and services, food, clean water, clean air, flood control, soil stabilization, pollination, climate regulation, spiritual fulfilment, and aesthetic enjoyment, to name just a few. Most of these benefits are either irreplaceable or the technology necessary to replace them is prohibitively expensive. For example, potable freshwater can be provided by desalinating sea water, but only at great cost.

The rapidly expanding human population has greatly modified the earth's ecosystem to meet their increased requirements of some of the goods and services, particularly food, freshwater, timber, fibre, and fuel. These modifications have contributed substantially to human well being and economic development. However, the benefits have not been equally distributed. Some people have actually been harmed by these changes. Moreover, short-term increases in some ecosystems' goods and services have come at the cost of long-term degradation of others. For example, efforts to increase the production of food and fibre have decreased the ability of some ecosystems to provide clean water, regulate flooding, and support biodiversity.

Sub questions

**Question Number : 15 Question Id : 54947026762 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Expanding human population has an adverse effect on

- (A) Spiritual fulfilment
- (B) Availability of potable freshwater
- (C) Employment
- (D) Biodiversity

Which of the statements given above are correct?

Options :

(A), (B), and (C)

1. ✘

(B), (C), and (D)

2. ✘

(B) and (D)

3. ✔

All of the above

4. ✘

Question Number : 16 Question Id : 54947026763 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The passage mentions that 'some people have actually been harmed by these changes'. It indicates towards

Options :

Inequitable distribution of benefit

1. ✘

Decrease in the ability of some ecosystems to provide clean water, regulate flooding, and support biodiversity

2. ✘

Both (1) and (2)

3. ✔

Neither (1) nor (2)

4. ✘

Question Number : 17 Question Id : 54947026764 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 correct in the context of the passage?

Options :

1. ✓ The rapid expansion of population has adversely affected some people

2. ✘ Sufficient efforts have not been made to increase the production of food and fibre

3. ✘ In short term, some people may be harmed, but in long term, everyone will benefit from modifications in earth's ecosystem

4. ✘ No answer

Question Number : 18 Question Id : 54947026765 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

With reference to the passage, consider the following statements:

(A) It is imperative to modify the earth's eco-system for the well-being of mankind

(B) Technology can never replace all the goods and services provided by ecosystems

Which of the statements given above is/are correct?

Options :

1. ✘ Only (A)

2. ✔ Only (B)

3. ✘ Both (A) and (B)

4. ✘ Neither (A) nor (B)

Question Number : 19 Question Id : 54947026766 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

According to the passage, which of the following can be taken as the main reason for modification of earth's ecosystem?

Options :

1. ✘ Technology

2. ✔ Increasing population

Lack of an integrated approach

3. ✘

No answer

4. ✘

Question Number : 20 Question Id : 54947026767 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 :

Modification of our ecosystem

1. ✔

Our natural resources

2. ✘

Harmful effect of increase in human population

3. ✘

Human interference in our ecosystem

4. ✘

Question Number : 21 Question Id : 54947026768 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

With reference to the passage, consider the following statements:

(A) Technology driven ecosystems are alternate means of future needs

(B) Technology helps in improving ecosystems on short term basis but at the cost of long term eco-degradation

Which of the statements given above is/are correct?

Options :

Only (A)

1. ✘

Only (B)

2. ✘

Both (A) and (B)

3. ✔

Neither (A) nor (B)

4. ✘

Is Section Default? :

null

Question Number : 22 Question Id : 54947026769 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The essential components of communication are

Options :

1. ✓ Source, message, interference, channel, receiver, feedback, and context

2. ✘ Sign, source, destination, interaction, and correlation

3. ✘ Signs, symbols, understanding, communication, and communicant

4. ✘ Symbols, understanding, purpose, ideas, opinions, non-verbal, and reaction

Question Number : 23 Question Id : 54947026770 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Another term used for interpersonal communication is

Options :

1. ✘ Group communication

Face-to-face public communication

2. ✘

Dyadic communication

3. ✔

Traditional communication

4. ✘

Question Number : 24 Question Id : 54947026771 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Communication in the class fails because

Options :

The students are inattentive

1. ✘

The teacher is monotonous in delivering the message

2. ✔

The students have no interest in the lesson being taught

3. ✘

There is very much noise in and around the classroom

4. ✘

Question Number : 25 Question Id : 54947026772 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The ability to understand, communicate with, motivate, and support other people, both individually and in groups, define which of the following organizational skills?

Options :

Hard skills

1. ✘

Soft skills

2. ✔

Conceptual skills

3. ✘

Political skills

4. ✘

Question Number : 26 Question Id : 54947026773 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

In India for broadcasting TV programmes which system is followed?

Options :

1. ✘ NTCS

2. ✔ PAL

3. ✘ NTSE

4. ✘ SECAM

Question Number : 27 Question Id : 54947026774 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 communication, which one of the following is in the chronological order?

Options :

1. ✘ Communication, medium, receiver, effect message

Medium, communicator, message, receiver, effect

2. ✘

Communicator, message, medium, receiver, effect

3. ✔

Message, communicator, medium, receiver, effect

4. ✘

**Question Number : 28 Question Id : 54947026775 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Communication between two or more people is called

Options :

Organizational communication

1. ✘

Interpersonal communication

2. ✔

Extrapersonal communication

3. ✘

Intrapersonal communication

4. ✘

Question Number : 29 Question Id : 54947026776 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

1, 8, 27, 64, 125, 216, ...

Options :

1. ✘ 256

2. ✔ 343

3. ✘ 365

4. ✘ 400

Question Number : 30 Question Id : 54947026777 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

ABD, CDF, ..., GHJ, IJL

Options :

1. ✓ EFH

2. ✘ IJL

3. ✘ HIJ

4. ✘ HIK

Question Number : 31 Question Id : 54947026778 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If 'SELDOM' is coded as '1 2 4 3 6 5', how will you code 'MODE'?

Options :

1. ✘ 3 6 2 1

2. ✘ 6 2 3 1

3. ✓ 5 6 3 2

6 2 1 3

4. ✖

Question Number : 32 Question Id : 54947026779 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

E is the son of A; D is the son of B, E is married to C, C is the daughter of B. How is D related to E?

Options :

Brother

1. ✖

Uncle

2. ✖

Father-in-law

3. ✖

Brother-in-law

4. ✔

Question Number : 33 Question Id : 54947026780 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Raman travels a distance of 5 km in south direction. He turns to his right. After walking 3 km, he turns to the left and walks 5 km. Now in which direction is he from the starting place?

Options :

1. ✘ West
2. ✘ South
3. ✔ South-west
4. ✘ North-east

Question Number : 34 Question Id : 54947026781 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

P, Q, R, S, and T are sitting in a straight line facing north. P sits next to S but not to T. Q is sitting next to R, who sits on the extreme left corner. T does not sit next to Q. Who sits to the left of S?

Options :

1. ✓ P

2. ✘ Q

3. ✘ R

4. ✘ S

Question Number : 35 Question Id : 54947026782 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The year next to 1991 will have the same calendar as that of the year 1991.

Options :

1. ✘ 1992

2. ✘ 1995

3. ✘ 1996

1997

4. ✓

Question Number : 36 Question Id : 54947026783 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

A disjunctive proposition is a type of

Options :

Conditional proposition

1. ✓

Unconditional proposition

2. ✘

Categorical proposition

3. ✘

Imperative proposition

4. ✘

Question Number : 37 Question Id : 54947026784 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

‘Honesty is the best policy’ because

Options :

1. ✘ God rewards those who follow this maxim
2. ✘ It leads to recognition in the society
3. ✔ It facilitates cohesiveness in society
4. ✘ It leads to material prosperity and spiritual awakening

Question Number : 38 Question Id : 54947026785 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 four conclusions numbered I, II, III, and IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow from the given statements.

Statements:

Some tables are TVs.

Some TVs are radios.

Conclusions:

I. Some tables are radios.

II. Some radios are tables.

III. All radios are TVs.

IV. All TVs are tables.

Options :

Only I and III follow

1. ✘

Only II and IV follow

2. ✘

3. ✘ All follow

4. ✔ None follows

**Question Number : 39 Question Id : 54947026786 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 four conclusions numbered I, II, III, and IV. You have to take the given statements to be true even if they seem to be at variance with commonly known facts and then decide which of the given conclusions logically follow from the given statements.

Statements:

All branches are flowers

All flowers are trees.

Conclusions:

I. All branches are trees.

II. All trees are branches.

III. All flowers are branches.

IV. Some trees are branches.

Options :

Only I and IV follow

1. ✓

Only II and III follow

2. ✘

All follow

3. ✖

None follows

4. ✖

Question Number : 40 Question Id : 54947026787 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 voluntary provisions in the 73rd Constitutional Amendment Act (1992)?

- I. Minimum age of 21 for contesting elections to Panchayats
- II. Indirect elections to the post of Chairperson Panchayats at the intermediate and district levels.
- III. Representation of Members of Parliament and State Legislature on Panchayati Raj institutions
- IV. Reservation of seats for backward classes.

Select the correct answer from the code given below.

Options :

I, II, and IV

1. ✖

II, III, and IV

2. ✘

I, II, and III

3. ✘

III and IV

4. ✔

Question Number : 41 Question Id : 54947026788 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the statement 'some men are honest' is false, which among the following statements will be true? Choose the correct code given below.

(i) All men are honest.

(ii) No men are honest.

(iii) Some men are not honest.

(iv) All men are dishonest.

Options :

(i), (ii) and (iii)

1. ✔

(ii), (iii) and (iv)

2. ✖

(i), (iii) and (iv)

3. ✖

(ii), (i) and (iv)

4. ✖

Question Number : 42 Question Id : 54947026789 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 premises.

Premises:

(i) All saints are religious. (major)

(ii) Some honest persons are saints. (minor)

Four conclusions are drawn from those two premises in four codes. Select the code that states the conclusion validly drawn.

Options :

All saints are honest.

1. ✖

Some saints are honest.

2. ✖

Some honest persons are religious.

3. ✔

All religious persons are honest.

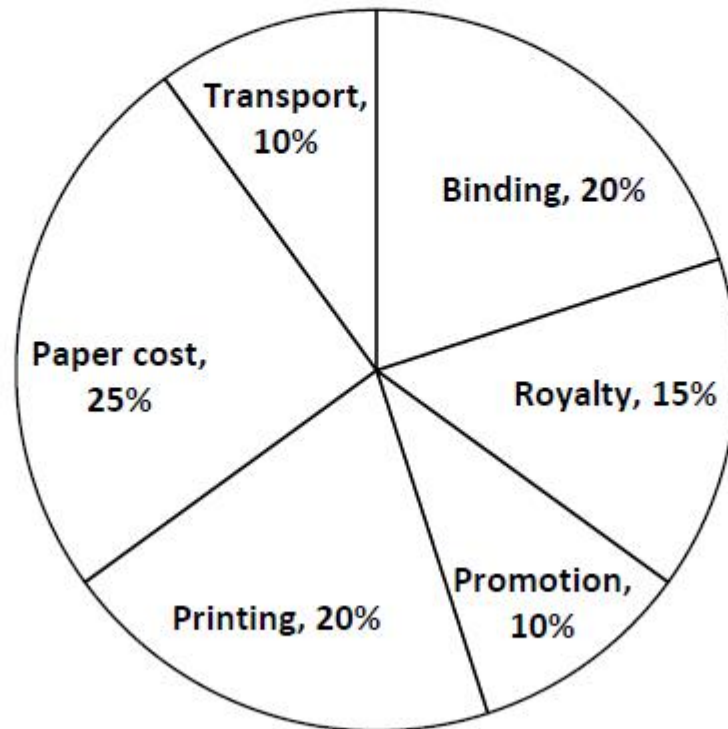
4. ✖

Is Section Default? : null

Question Id : 54947026790 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 pie chart given below and answer questions 43, 44 and 45. It gives the breakup of expenses incurred in publishing a book.



Sub questions

Question Number : 43 Question Id : 54947026791 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

If the cost price of the book is Rs.150, then what is the combined printing and binding cost for a single copy of the book?

Options :

1. ✓ 60
2. ✘ 75
3. ✘ 80
4. ✘ 85

Question Number : 44 Question Id : 54947026792 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 central angle of the sector corresponding to the expenditure incurred on royalty?

Options :

1. ✘ 48°

2. ✓ 54°

3. ✗ 60°

4. ✗ 72°

Question Number : 45 Question Id : 54947026793 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 difference between promotion and printing cost in rupees if we assume that total cost is Rs.200

Options :

1. ✗ 10

2. ✓ 20

3. ✗ 30

4. ✗ 40

Is Section Default? :

null

Question Id : 54947026794 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 table carefully and answer questions 46–49. It consists of data on the number of candidates who appeared from five schools in the board exams over 2004–2008.

Year	Schools				
	A	B	C	D	E
2004	650	760	820	800	780
2005	700	740	860	780	740
2006	800	820	940	750	730
2007	750	880	920	840	790
2008	850	840	900	860	770

Sub questions

Question Number : 46 Question Id : 54947026795 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 number of students who appeared from School B for all the years?

Options :

1. ✘ 676

2. ✘ 787

3. ✔ 808

4. ✘ 818

Question Number : 47 Question Id : 54947026796 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 students who appeared in 2006 from School A is what percent of the total number of students who appeared from School A for all the years together?

Options :

1. ✘ 25.25

2. ✔ 21.33

3. ✖ 22.45

4. ✖ 23.45

Question Number : 48 Question Id : 54947026797 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 ratio between the total numbers of students who appeared in 2004 and 2005 from Schools C and D, respectively?

Options :

1. ✔ 84 : 79

2. ✖ 79 : 84

3. ✖ 84 : 89

4. ✖ 89 : 84

Question Number : 49 Question Id : 54947026798 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 number of students who appeared from the given schools in 2007?

Options :

1. ✘ 825

2. ✔ 836

3. ✘ 845

4. ✘ 863

Is Section Default? : null

Question Number : 50 Question Id : 54947026799 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The concept of connect intelligence is derived from

Options :

1. ✘ Virtual reality

Fuzzy logic

2. ✘

Bluetooth technology

3. ✘

Value-added networks

4. ✔

Question Number : 51 Question Id : 54947026800 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Programs designed to perform specific tasks are known as

Options :

System software

1. ✘

Application software

2. ✔

Utility programs

3. ✘

Operating system

4. ✘

Question Number : 52 Question Id : 54947026801 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 a network device?

Options :

1. ✘ Router

2. ✘ Switch

3. ✘ Hub

4. ✔ CPU

Question Number : 53 Question Id : 54947026802 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 search engine?

Options :

Macromedia Flash

1. ✘

Google

2. ✔

Netscape

3. ✘

Librarians' Index to the Internet

4. ✘

**Question Number : 54 Question Id : 54947026803 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

FTP stands for

Options :

Full Text Processing

1. ✘

File Transfer Program

2. ✘

File Transfer Process

3. ✘

File Transfer Protocol

4. ✔

Question Number : 55 Question Id : 54947026804 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Wired Ethernet is basically

Options :

ADSL

1. ✘

ISDN

2. ✔

Broadband

3. ✘

The Internet

4. ✘

Question Number : 56 Question Id : 54947026805 Display Question Number : Yes Is Question Mandatory : No Calculator : None

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

Eklavya Technology channel, started in 2003, is a distant-learning joint initiative between

Options :

1. ✓ IIT and IGNOU
2. ✘ IIIT and IGNOU
3. ✘ UGC and AICTE
4. ✘ IIT and AICTE

**Question Number : 57 Question Id : 54947026806 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 gas affects human health by reducing blood's ability to carry oxygen to different parts of the body?

Options :

1. ✓ Carbon monoxide

2. ✘ Sulphur dioxide

3. ✘ Carbon dioxide

4. ✘ Nitrous dioxide

Question Number : 58 Question Id : 54947026807 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Acid rain is formed by the

Options :

1. ✓ Combination of chemical air pollutants with atmospheric water droplets

2. ✘ Mixing of acid with rain

Release of industrial pollutants in the atmosphere

3. ✘

4. ✘ No answer

Question Number : 59 Question Id : 54947026808 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Best extinguisher for inflammable materials is

Options :

1. ✘ Water

2. ✘ SO₂

3. ✔ CO₂

4. ✘ CO

Question Number : 60 Question Id : 54947026809 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Nuclear fusion reactions happens spontaneously in

Options :

The core of the earth

1. ✘

The commercial nuclear reactor

2. ✘

The atmosphere of the sun

3. ✔

The eruption of a volcano

4. ✘

Question Number : 61 Question Id : 54947026810 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

The tallest trees in the world are found in the

Options :

Equatorial region

1. ✔

Temperate region

2. ✘

Monsoon region

3. ✘

Mediterranean region

4. ✘

**Question Number : 62 Question Id : 54947026811 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 element is used in the making of solar cells?

Options :

Platinum

1. ✘

Carbon

2. ✘

Silicon

3. ✔

Silver

4. ✘

**Question Number : 63 Question Id : 54947026812 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

Organic food is supposed to be better for human health as

Options :

It is raised on special chemicals

1. ✘

It is more expensive

2. ✘

It is grown without the use of artificial fertilizers and pesticides

3. ✔

No answer

4. ✘

**Question Number : 64 Question Id : 54947026813 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The Ministry of Human Resource Development was created in the year

Options :

1. ✘ 1972

2. ✘ 1980

3. ✔ 1985

4. ✘ 1991

Question Number : 65 Question Id : 54947026814 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 agency or institution proposed introduction of India Education Index (IEI) for ranking institutes based on academic, research, performance, and other parameters?

Options :

1. ✘ AICTE

2. ✔ NAAC

3. ✖ UGC

4. ✖ IIT-Delhi

Question Number : 66 Question Id : 54947026815 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

India, that is Bharat, shall be a union of states. The states and the territories, thereof, shall be as specified in the

Options :

1. ✔ First Schedule

2. ✖ Second Schedule

3. ✖ Third Schedule

4. ✖ No answer

Question Number : 67 Question Id : 54947026816 Display Question Number : Yes Is Question Mandatory : No Calculator : None

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

How do Directive Principles of State Policy differ from Fundamental Rights?

Options :

The former are meant for UTs, whereas the latter are for states.

1. ✘

The former are not enforceable, whereas the latter are enforceable.

2. ✔

The former are not a part of the constitution, whereas the latter are the part of the constitution.

3. ✘

4. ✘ No answer

**Question Number : 68 Question Id : 54947026817 Display Question Number : Yes Is Question Mandatory : No Calculator : None
Response Time : N.A Think Time : N.A Minimum Instruction Time : 0**

The maximum strength of Lok Sabha and Rajya Sabha, respectively, is

Options :

552 and 250

1. ✘

537 and 275

2. ✖

525 and 238

3. ✖

545 and 250

4. ✔

Question Number : 69 Question Id : 54947026818 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Which subject was transferred from state list to Concurrent List by the 42nd amendment of the constitution?

Options :

Agriculture

1. ✖

Education

2. ✔

Irrigation

3. ✖

Local self-government

4. ✖

Question Number : 70 Question Id : 54947026819 Display Question Number : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Who is the highest Law Officer of a state?

Options :

Attorney General

1. ✖

Advocate General

2. ✔

Solicitor General

3. ✖

Secretary General

4. ✖