### **Andhra Pradesh State Council of Higher Education**

Question Paper Name:Library and Information ScienceSubject Name:Library & Information Science

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**Engine:** 

**Group Number:** 

### Library & Information Science

**Group Id:** 62321711 **Group Maximum Duration:** 0

Group Minimum Duration: 180
Revisit allowed for view?: No
Revisit allowed for edit?: No
Break time: 0
Group Marks: 180
Revisit allowed for group Instructions?: Yes
Maximum Instruction Time: 0
Minimum Instruction Time: 0

### Teaching and Research Aptitude

Section Id: 62321721
Section Number: 1
Section type: Online
Mandatory or Optional: Mandatory
Number of Questions: 82

Number of Questions:82Number of Questions to be attempted:82Section Marks:90Display Number Panel:YesGroup All Questions:No

Sub-Section Number: 1

**Sub-Section Id:** 62321761 **Question Shuffling Allowed:** Yes

Question Number: 1 Question Id: 6232171811 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

# Discussion method can be used when

```
the topic is different
   the topic is easy
   the topic is very difficult
   the topic is known
Question Number: 2 Question Id: 6232171812 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Which of the following is not a teaching aid?
Options:
   16 mm film projector
   Working model of photosynthesis
   Tape records
   Computer system
Question Number: 3 Question Id: 6232171813 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 The quality of teaching is reflected
Options:
   by the quality questions asked by students
   by the duration of sentence maintained in the class
   by the pass percentage of students
```

by the attendance of students in the class Question Number: 4 Question Id: 6232171814 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 The detention system in primary schools may reflect the **Options:** pass rate in the classroom absenteeism of students drop-out rate increase disinterest among the students Question Number: 5 Question Id: 6232171815 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 The team teaching has the potential to develop **Options:** the habit of supplementary teaching of each other competitive spirit among students co-operation among the students highlighting the gaps in each other's teaching

Question Number : 6 Question Id : 6232171816 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

In open learning system, the teacher's role is to

```
guide the students of their interest
  supply material needed
   give coaching through a centre
   leave the students to learn on their own
Question Number: 7 Question Id: 6232171817 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
 One of the most powerful factors affecting teaching is related to
Options:
   prevailing political situation
   economic status of the student
   social system of the country
   education system
Question Number: 8 Question Id: 6232171818 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 In which teaching method learner's participation is made optional and pro-active?
Options:
   Project method
   Buzz session
   Discussion method
```

```
Brain storming session
Question Number: 9 Question Id: 6232171819 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Effectiveness of teaching has to be judged in terms of
Options:
   student's interest
   learning outcomes
   course coverage
3.
   use of teaching aids in the classroom
Question Number: 10 Question Id: 6232171820 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Formulation of hypothesis may not be necessary in
Options:
   normative studies
   experimental studies
   historical studies
   survey studies
Question Number: 11 Question Id: 6232171821 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
```

The information about population is called a parameter while the information

corresponding to a sample is called

```
Inference
   Universe
   Sampling design
   Statistic
Question Number: 12 Question Id: 6232171822 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Reliability of a research result implies its
Options:
   usefulness
   uniqueness
   verifiability
   validity
Question Number: 13 Question Id: 6232171823 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 A good researcher lays his hands on
Options:
   any area of his interest
   many areas and tries to understand them at basic level
   a specific area and tries to study it in great details
```

a specific area and tries to study it in minute details

 $\label{eq:Question Number: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical$ 

Wrong Marks: 0

The usual sequence of steps in doing action research is

### **Options:**

reflect, observe, plan, act

plan, act, observe, reflect

plan, reflect, observe, act

act, observe, plan, reflect

Question Number: 15 Question Id: 6232171825 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Which one of the following is a non-probabilistic method of sampling?

#### **Options:**

1.

Stratified sampling

Purposive sampling

Systematic sampling

Simple random sampling

Question Number: 16 Question Id: 6232171826 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

The appropriate sequence of steps of research that a researcher has to follow is

- Collection of data A)
- Listing of the objectives of research B)
- C) Methodology to be adopted
- Data analysis D)
- Results and discussion E)
- Identification of the research problem F)

### **Options:**

Question Number: 17 Question Id: 6232171827 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The research stream that has an immediate application is

### **Options:**

1.

Action research

Empirical research

Fundamental research

Experimental research

Question Number: 18 Question Id: 6232171828 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Ethical norms in research do not involve guidelines for

**Options:** 

patenting policy

data sharing policy

copy right policy

format of thesis

**Sub-Section Number:** 2

**Sub-Section Id:** 62321762 **Question Shuffling Allowed:** Yes

Question Id: 6232171829 Question Type: COMPREHENSION Sub Question Shuffling Allowed: Yes Group Comprehension

**Questions: No** 

**Question Numbers:** (19 to 27)

Question Label: Comprehension

## Read the following passage and answer the questions given:

Education and ambition by themselves would have taken people nowhere without an expanding economy. Perhaps, even, the expanding economy explained the shift in Indian education. For Pravas, an engineer, the expansion had started some time before independence, when the old British emphasis on law and order (especially after the Indian Mutiny of 1857) had been modified by the idea of development.

Many people were sucked into that process. There was an explosive growth in India around 1930. It built momentum around 1947, had a big growth thereafter, and is now slowing down. In 1962, when I was thinking of universities and a career, I had a choice of professions and institutions. People today have to struggle hard. But these things have a positive side.

'The average aspiration of the Indian is to grow under a shadow-and this is all right as long as someone else throws the shadow. In concrete terms, this means you look for employment, you try to get into structures created by other people. That's how we got governed in the first place. The attitude is "As long as the local environment is the same, I don't care who is running things at the top". I read something in a paper some time ago. It was to the effect that, before the British came to India, the Indians were like bees in a garden. And that's fine as long as someone else looked after the garden. And of course the Britishers became both the owners of the garden and the gardeners, the *malis* – with those other guys, the bees, going happily from flower to flower'.

'What about the positive side of the struggle today?'

'That shadow area I talked about is becoming congested now. It is forcing people to go out on their own. It is forcing them to be entrepreneurial.'

#### Sub questions

Question Number: 19 Question Id: 6232171830 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

What is fundamental for the growth of a nation?

```
Education
   Ambition
   Economy
   Law and order
Question Number: 20 Question Id: 6232171831 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 What did the British emphasize on after the Indian Mutiny of 1857?
Options:
   The idea of development
   Law and order
   Ancient Indian model of education
   Expansion of the Empire
Question Number: 21 Question Id: 6232171832 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 When did choice of professions and institutions become comparatively easier?
Options:
  After 1857
   Around 1962
   Around 1930
```

```
After 1947
```

Question Number : 22 Question Id : 6232171833 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

What is the average aspiration of the Indian?

**Options:** 

Employment in structures created by other people

To be governed by the British

Expanding economy

Self employment

Question Number : 23 Question Id : 6232171834 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

According to the passage, what is the concern of Indians?

**Options:** 

The rulers at the helm of affairs

Newspaper items

Engineering education

Local environment

Question Number: 24 Question Id: 6232171835 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Who are compared to bees in a garden?

```
The British officers
    The Indians
   The gardeners
   Owners of the garden
Question Number: 25 Question Id: 6232171836 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
 Who become the owners of the garden and the gardeners?
Options:
   Only the bees
   The Indians
   Only the flowers
   The Britishers
Question Number: 26 Question Id: 6232171837 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 What is the positive side of the struggle?
Options:
   Indian find shelter
   Indians love green gardens
   Indians are forced to be entrepreneurial
```

Indians could freely roam around

Question Number: 27 Question Id: 6232171838 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

What do you understand by "That shadow area ..... is becoming congested now"?

**Options:** 

Densely populated

Heavy competition for employment in structures created by other people

Shadow becomes darker

Thinly populated

**Sub-Section Number:** 

**Sub-Section Id:** 62321763 **Question Shuffling Allowed:** Yes

Question Number: 28 Question Id: 6232171839 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No. Option Orientation: Vertical

Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

The non-verbal communication is also known as

**Options:** 

Speaking communication

Verbal communication

Body language

Interpersonal communication

Question Number : 29 Question Id : 6232171840 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The communication about the relationship among people is called
Options:
Interpersonal communication
1. Interpersonal communication
Meta-communication
2.
Speaking communication
3.
Media communication
4.
Question Number: 30 Question Id: 6232171841 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0
Communication with touch behaviour called
Communication with touch behaviour caried
Options:
Aesthetics
1.
Duranianian
Proximics 2.
Eugenics
3.
Haptics
4.
Question Number: 31 Question Id: 6232171842 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0
Effective communication involves
Effective confinitinication involves
Options:
One-way process
1.
Two-way communication
2.

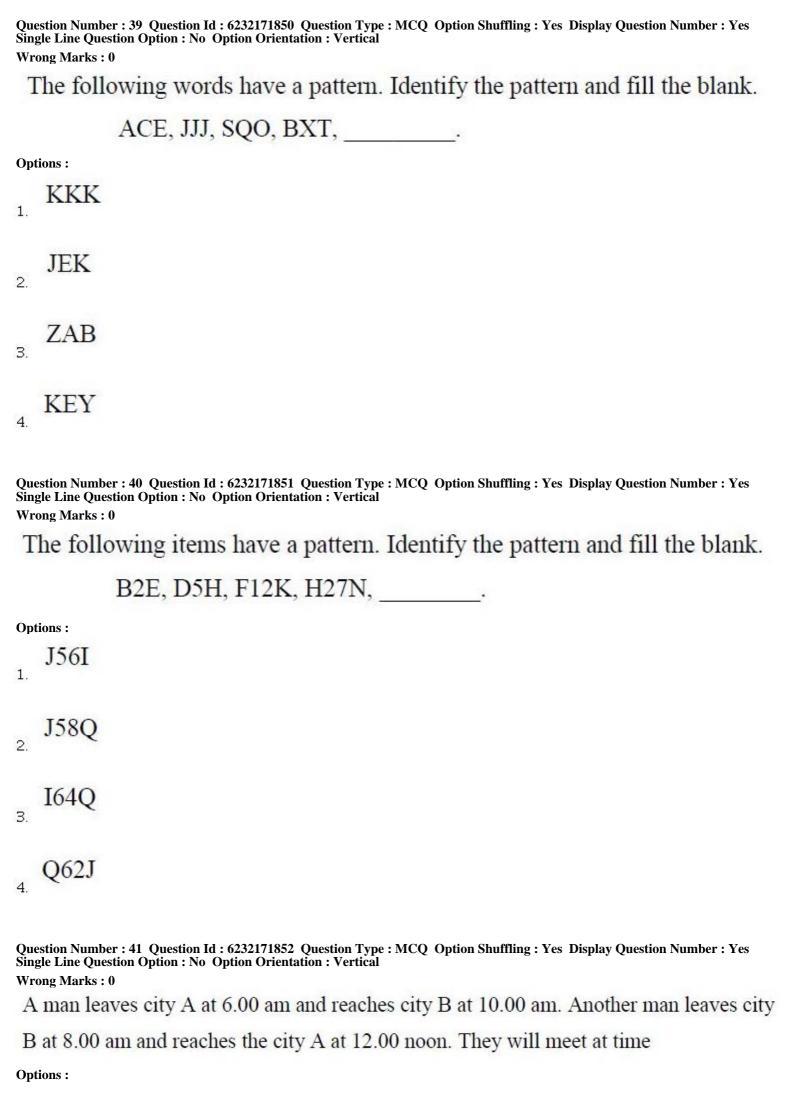
```
Two-way communication with feedback
   Two-way communication and Two-way communication with feedback
Question Number: 32 Question Id: 6232171843 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
One of the following is not related to communication cycle.
Options:
   Sender
   Message
   Channel
   Noise
Question Number: 33 Question Id: 6232171844 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
"With words we govern peoples", said by
Options:
   John Dewey
   Benjamin Disrael
   Rufford Murdock
   Mc Greger
```

Question Number: 34 Question Id: 6232171845 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The number of ingredients involved in the Aristotle's model of communication are
Options:
1.
4 2.
3. 3·
2
Question Number : 35 Question Id : 6232171846 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0
'Shared Experience' is considered to be a key element in communication emphasised by
Options:
John Dewey
Aristotle 2.
David Berlo
John Locke
Question Number : 36 Question Id : 6232171847 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0
The 'Nobel' style of communication is on one of the following elements.
Options:
Rehetoric
Non-assertion 2.

```
Persuation
   Authority
Question Number: 37 Question Id: 6232171848 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 The following numbers have a pattern. Identify the pattern and fill the blank.
            165, 195, 255, 285, _____.
Options:
   345
  365
  395
   435
Question Number: 38 Question Id: 6232171849 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 The following words have a pattern. Identify the pattern and fill the blank.
            CDJP, EEIQ, GFGS, KHZZ.
Options:
   IGDU
   IGDV
   JGDU
   GJDV
```



```
9.00 am
9.30 am
2.
9.45 am
3.
```

Question Number: 42 Question Id: 6232171853 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

An year ago, the ratio between Anil's and Sunil's salaries was 3:5. The ratio of their individual salaries of last year and present are 2:3 and 4:5 respectively. If their total salaries for the present year are ₹ 43,000, the present salary of Anil is

### **Options:**

1. ₹ 20,000 2. ₹ 19,600 3. ₹ 18,400

₹ 18,000

Question Number : 43 Question Id : 6232171854 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

The present expenditure of an employee on food and other items is ₹ 2,590. There is an increase of prices of 10% on food items and 15% on other items. If the ratio of an employees expenditure on food items and other items is 2:5, by how much should his expenditure be increased on these items in order that he may maintain the same level of consumption as before?

- ₹ 351-50
- ₹ 360-50
- ₹ 382-50
- ₹ 410-75

Question Number : 44 Question Id : 6232171855 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

The profit earned by selling an article for ₹ 900 is twice the loss incurred when the same article is sold for ₹ 600. At what price should the article be sold to make 30% profit?

**Options:** 

- ₹ 750
- ₹ 810
- ₹ 840
- ₹ 910

Question Number : 45 Question Id : 6232171856 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

What percent simple interest does a man get for his money when in discounting a bill due 10 months hence, he deducts 10% of the amount of the bill?

$$11\frac{2}{3}$$

$$12\frac{1}{3}$$

$$13\frac{1}{3}$$

$$14\frac{2}{3}$$

**Sub-Section Number:** 

**Sub-Section Id:** 62321764

**Question Shuffling Allowed:** No

Question Number : 46 Question Id : 6232171857 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

If the conclusion of an argument follows from its premise/premises conclusively, that argument is called

**Options:** 

Inductive argument

Deductive argument

Analogical argument

Circular argument

Question Number: 47 Question Id: 6232171858 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

In the following question Assertion and Reasoning statements are given. Based on that choose correct answer.

Assertion (A): All teaching implies learning

Reason (R): Learning to be useful must be derived from teaching

**Options:** 

Both (A) and (B) are true but (R) is not a correct explanation of (A)

```
(A) is true but (R) is false
(A) is false but (R) is true
Both (A) and (B) are true; (R) is a correct explanation of (A)
```

Question Number: 48 Question Id: 6232171859 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Consider the two premises and the four conclusions drawn from those two premises. Select the code that expresses conclusion drawn validly from the premises (jointly or separately).

### Premises:

- A) All cows are mammals
- B) No cats are cows

### Conclusions:

- I) No cats are mammals
- II) Some cats are mammals
- No cows are cats III)
- IV) No cows are non-mammals

#### **Options:**

Only I

I and II

III and IV

II and III

Question Number: 49 Question Id: 6232171860 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

You are given a statement followed by three assumptions numbered I, II and III. You have to consider the statement and the following assumptions, decide which assumptions is/are implicit in the statement and choose your answer accordingly statement:

Statement: "If you are intelligent, we are the right people for improving your performance" – An advertisement of a coaching centre.

Assumptions: I) Brilliant students prefer to join coaching classes

- II) Coaching classes help the students to improve their performance
- III) No other institute provides such coaching

### **Options:**

Only (I) and (II) are implicit

Only (II) and (III) are implicit

Only (I) and (III) are implicit

All are implicit

Question Number : 50 Question Id : 6232171861 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

The following words have some relationships. The two blanks given are also having the relationships. Identify the two words and choose the correct answer.

Fury : Ire : : \_\_\_\_\_ : \_\_\_\_ : \_\_\_\_ .

### **Options:**

Convulsion : Spasm

Amusement : Happiness

Joke : Laugh

Dispassion: Emotion

 $Question\ Number: 51\ Question\ Id: 6232171862\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks : 0

The following words have some relationships. The two blanks given are also having the relationships. Identify the two words and choose the correct answer.

Wine: Grapes:: Vodka: \_\_\_\_\_.

**Options:** 

Apples

Potatoes

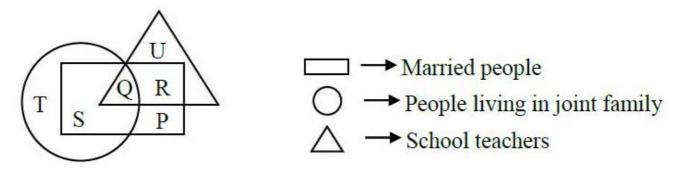
Oranges

Flour

Question Number : 52 Question Id : 6232171863 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

Study the following figure and answer the question below.



Married teachers who live in joint family are represented by the letter

**Options:** 

, P

<sub>2</sub> Q

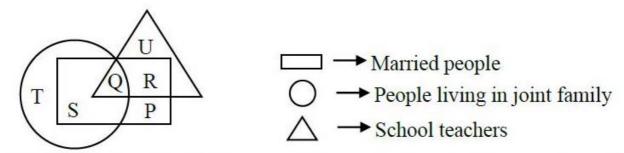
R

, S

Question Number: 53 Question Id: 6232171864 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Study the following figure and answer the question below.



The people who live in joint family but are neither married nor teachers are represented by the letter

#### **Options:**

Q

R

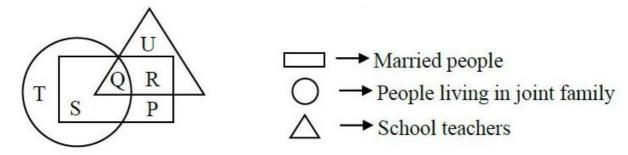
 $_{z}$  S

4. T

Question Number: 54 Question Id: 6232171865 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Study the following figure and answer the question below.



Married people who live in joint family but not are school teachers, are represented by the letter

**Options:** 

S

1

 $\label{eq:Question Number: Yes Display Question Number: Yes Display Question Number: Yes Display Question Number: Yes Display Question Option: No Option Orientation: Vertical$ 

Wrong Marks: 0

The following data gives the number of smartphones sold by five stores P, Q, R, S and T in five months. Study this data carefully and answer the question below it.

Stor Month	e P	Q	R	S	T
January	126	121	105	103	113
February	100	105	112	82	156
March	131	116	95	115	215
April	170	166	146	165	282
May	225	234	204	295	408

The total number of smartphones sold by store S in April and May together is what percent of the number of smartphones sold by Store T in the same months together?

$$66\frac{2}{3}\%$$

$$59\frac{2}{3}\%$$

$$66\frac{2}{3}\%$$
2. 
$$59\frac{2}{3}\%$$
3. 
$$65\frac{1}{3}\%$$
4. 
$$65\frac{3}{4}\%$$

$$65\frac{3}{4}\%$$

Question Number : 56 Question Id : 6232171867 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The following data gives the number of smartphones sold by five stores P, Q, R, S and T in five months. Study this data carefully and answer the question below it.

Store Month	P	Q	R	S	T
January	126	121	105	103	113
February	100	105	112	82	156
March	131	116	95	115	215
April	170	166	146	165	282
May	225	234	204	295	408

The total number of smartphones sold by all the stores together in July was 25% more than the total number of smartphones sold by all the stores together in January. How many smartphones were sold by all the stores together in July?

### **Options:**

745

719

710

695

Question Number : 57 Question Id : 6232171868 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following data gives the number of smartphones sold by five stores P, Q, R, S and T in five months. Study this data carefully and answer the question below it.

Store Month	P	Q	R	S	Т
January	126	121	105	103	113
February	100	105	112	82	156
March	131	116	95	115	215
April	170	166	146	165	282
May	225	234	204	295	408

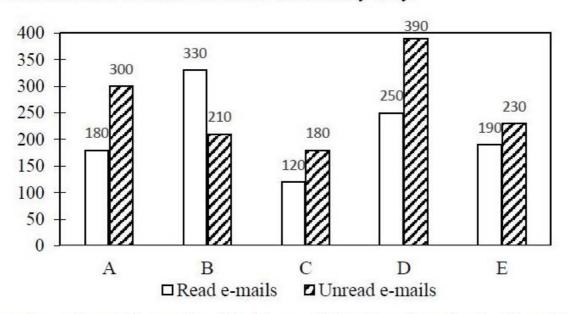
What is the ratio of the total number of smartphones sold by store Q in April and May together to the total number of smartphones sold by stores R in the same month together?

Options:

- 6:7
- 8:7
- э. 9:7
- 11:9

Question Number: 58 Question Id: 6232171869 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

The graph given below gives the number of received e-mails read by five persons A, B, C, D, E on Monday. This number includes the e-mails read and e-mails unread. Assume that there are no pending e-mails carried forward from previous days to Monday. Data relates to the number of mails received on Monday only.



If the number of e-mails received by F was 38% more than that by C and the number of e-mails read by F was 25% more than that unread by him, then how many e-mails were read by F?

#### **Options:**

230

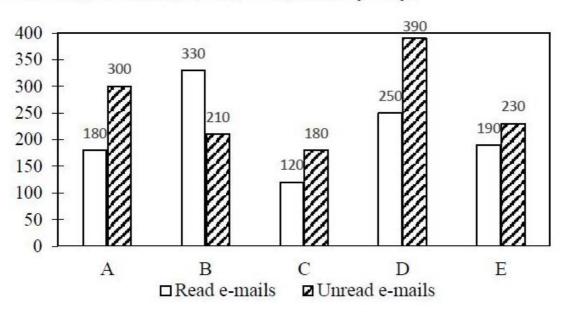
220

210

250

Question Number : 59 Question Id : 6232171870 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The graph given below gives the number of received e-mails read by five persons A, B, C, D, E on Monday. This number includes the e-mails read and e-mails unread. Assume that there are no pending e-mails carried forward from previous days to Monday. Data relates to the number of mails received on Monday only.



The percentage of read e-mails for A and G (out of received e-mails for each of them) were equal. If the number of e-mails received by G is 360, then how many e-mails were unread by G?

### **Options:**

, 235

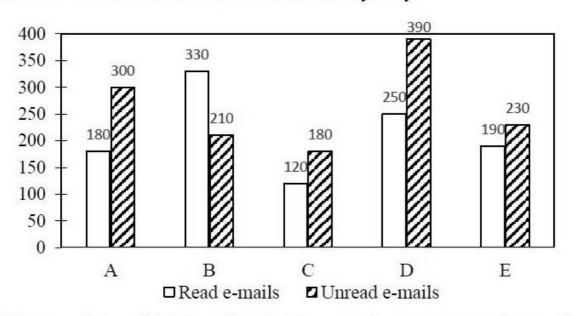
230

\_ 225

220

Question Number : 60 Question Id : 6232171871 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

The graph given below gives the number of received e-mails read by five persons A, B, C, D, E on Monday. This number includes the e-mails read and e-mails unread. Assume that there are no pending e-mails carried forward from previous days to Monday. Data relates to the number of mails received on Monday only.



Out of the e-mails read by B, 60% are from male customers. The number of unread e-mails from female customers is 51 less than that of the read e-mails from female customers. What is the number of unread e-mails from male customers?

### **Options:**

135

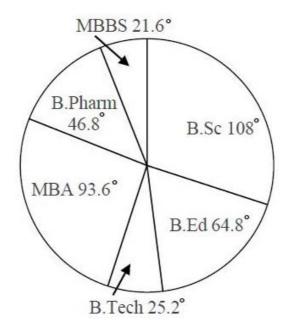
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\_ 131

129

Question Number : 61 Question Id : 6232171872 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

The following pie-chart shows the distribution of students in different courses. Study this chart carefully and answer the following question. Total number of students = 6,800.



How much less percentage (approximately) of students are there in MBBS course as compared to B.Sc. course?

### **Options:**

80%

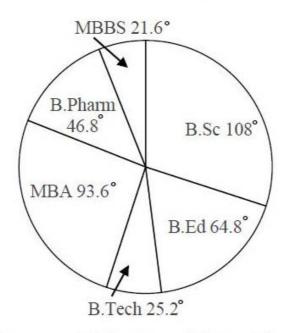
60%

40%

36%

Question Number: 62 Question Id: 6232171873 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

The following pie-chart shows the distribution of students in different courses. Study this chart carefully and answer the following question. Total number of students = 6,800.



If in MBA the ratio of boys to girls is 5:3 and 20% of boys are in Finance course, then what is the number of boys in the Finance course?

### **Options:**

325

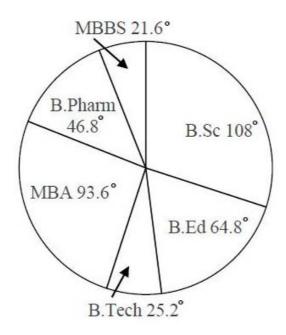
225

229

221

Question Number : 63 Question Id : 6232171874 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

The following pie-chart shows the distribution of students in different courses. Study this chart carefully and answer the following question. Total number of students = 6,800.



The number of students in MBBS and B.Tech together is what percent of that in B.Ed course?

### **Options:**

69.33%

72.22%

3 76%

79.34%

Sub-Section Number: 5

**Sub-Section Id:** 62321765 **Question Shuffling Allowed:** Yes

Question Number: 64 Question Id: 6232171875 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

#### Wrong Marks : 0

Which of the following refers to unsolicited e-mails in the form of advertising or chain letters?

```
Inbox
   Trash
   Spam
   Compose
Question Number: 65 Question Id: 6232171876 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
The tags placed on an animal to record and track in a database all of the animal's
movements is knows as
Options:
   POS
   GPS
   RFID
Question Number: 66 Question Id: 6232171877 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Internal communication within institutions is done through
Options:
    WAN
   LAN
   EBB
```

```
MMS
```

 $\label{eq:Question Number: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical$ 

Wrong Marks: 0

The total number of command buttons on the title bar of an opened word processing windows is

### **Options:**

. 6

2

\_ :

, 2

 $Question\ Number: 68\ Question\ Id: 6232171879\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

The complete (full)) form of USB as used in computer related activities is

#### **Options:**

Universal Security Block

Universal Serial Bus

United Serial Bus

Ultra Security Block

 $Question\ Number: 69\ Question\ Id: 6232171880\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

The key on the QWERTY keyboard used to produce alphabetic upper case letters is Options:

```
Home
   Tab
   Num lock
   Caps lock
Question Number: 70 Question Id: 6232171881 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
 Which one of the following is not included in the basic functions of operating system?
Options:
   Job control
   Job scheduling
   Memory management
   Data management
\label{eq:Question Number: Yes Display Question Number: Yes Display Question Number: Yes Display Question Number: Yes Display Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 The temporary working memory of a computer system is the
Options:
   arithmetic logic unit
   flash memory
    random access memory
```

```
Question Number: 72 Question Id: 6232171883 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 A compiler is a software which converts
Options:
   characters to bits
   high level language to machine language
   words to bits
   machine language to high level language
Question Number: 73 Question Id: 6232171884 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 The aggregation of all eco systems on the earth is referred to as
Options:
   Atmosphere
   Ecosphere
   Stratosphere
   Ionosphere
Question Number: 74 Question Id: 6232171885 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
```

In which of the following area does radiant drainage fully develop?

read only memory

On a point bar Near a delta Around an ox-bow lake Around a volcano Question Number: 75 Question Id: 6232171886 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 When the environmental lapse rate is less than the adiabatic lapse rate, the atmosphere is **Options:** Stable Moderately unstable High unstable Neutral Question Number: 76 Question Id: 6232171887 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 When a disaster has occurred, the early action in a Disaster Management Plan could be **Options:** Response and Rescue Warning and preparedness Relief and Rehabilitation Shelter and food supply

Question Number: 77 Question Id: 6232171888 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Ecosystem diversity can be best studied using the **Options:** Topographical maps

Geoinformatics

Geodesy

Geology

Question Number: 78 Question Id: 6232171889 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The geometric mean of the data 2, 4, 27 is

**Options:** 

Question Number: 79 Question Id: 6232171890 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Which of the following frequency region is part of sun's radiation?

**Options:** 

Visible frequency region

Infrared frequency region

```
Ultraviolet frequency region
  All of the other options
Question Number: 80 Question Id: 6232171891 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
In the standard hydrogen electrode, the pressure of hydrogen and hydrogen ion
concentration respectively are:
Options:
   1 atm and 10 mol/L
   10 atm and 1mol/L
   1 atm and 1 mol/L
   1 atm and 5 mol/L
Question Number: 81 Question Id: 6232171892 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 About half of the earth's photosynthesis is carried out by
Options:
   Cyanobacteria
   Rainforest flora
   Protists
```

Question Number: 82 Question Id: 6232171893 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Marine phytoplankton

```
The purpose of value education is best served by focussing on
Options:
  cultural practices prevailing in the society
   religious, moral practices and instruction
   norms of conduct laid down by a social group
   concern of human values
Question Number: 83 Question Id: 6232171894 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
The design of 5+3+3+4 suggested by New Education Policy; 2019 (Draft) in which the
first stage of 5 year education is divided into
Options:
   pre-primary school and post primary school
   primary school and pre-primary school
  pre-primary school, class-I and class-II
   pre-primary class-IV and class-V
Question Number: 84 Question Id: 6232171895 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
One of the following is not related to the aims of New Education Policy, 2019 (Draft)
Options:
   Justice
   Access
```

```
Equality
   Equity
Question Number: 85 Question Id: 6232171896 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
The number of languages recognized by the 8th schedule of constitution of India in the beginning
Options:
Question Number: 86 Question Id: 6232171897 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
The Indian Education Policy is mostly influenced by the following method
Options:
   Materialism
   Metaphysics
   Empencism
   Constructivism
```

Question Number: 87 Question Id: 6232171898 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

The learning of outcomes envisaged by Benzamin Bloom has been confined to the following three domains.

## **Options:**

Precisim – Affective – Psychomotor

- Psychomotor Perceplin Attitude
- Cognitive Affective Psychomotor
- Articulation Perception Affective

Question Number: 88 Question Id: 6232171899 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The document on Examination Reforms – A plan of action by UGC brought out to focus mainly on

## **Options:**

Choice-based credit system

- Open book system
- Internal assessment
- Assessment by students

Question Number: 89 Question Id: 6232171900 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The technic of 'School Mapping' is used for

## **Options:**

Mobilising finance for education

- Mobilising people for education
- Establishing school committees
- Introducing new schools

Question Number: 90 Question Id: 6232171901 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Who said that "adult education as inclusive and of education of politics, of citizenship and also of morality"?

**Options:** 

S.N. Mukerjee

Humayun Kabir

K.G. Sayyidain

Jakir Hussian

Library & Information Science

**Section Id:** 62321722 **Section Number: Section type:** Online **Mandatory or Optional:** Mandatory **Number of Questions:** 90 Number of Questions to be attempted: 90

90 **Section Marks: Display Number Panel:** Yes **Group All Questions:** No

**Sub-Section Number:** 

**Sub-Section Id:** 62321766 **Question Shuffling Allowed:** Yes

Question Number: 91 Question Id: 6232171902 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

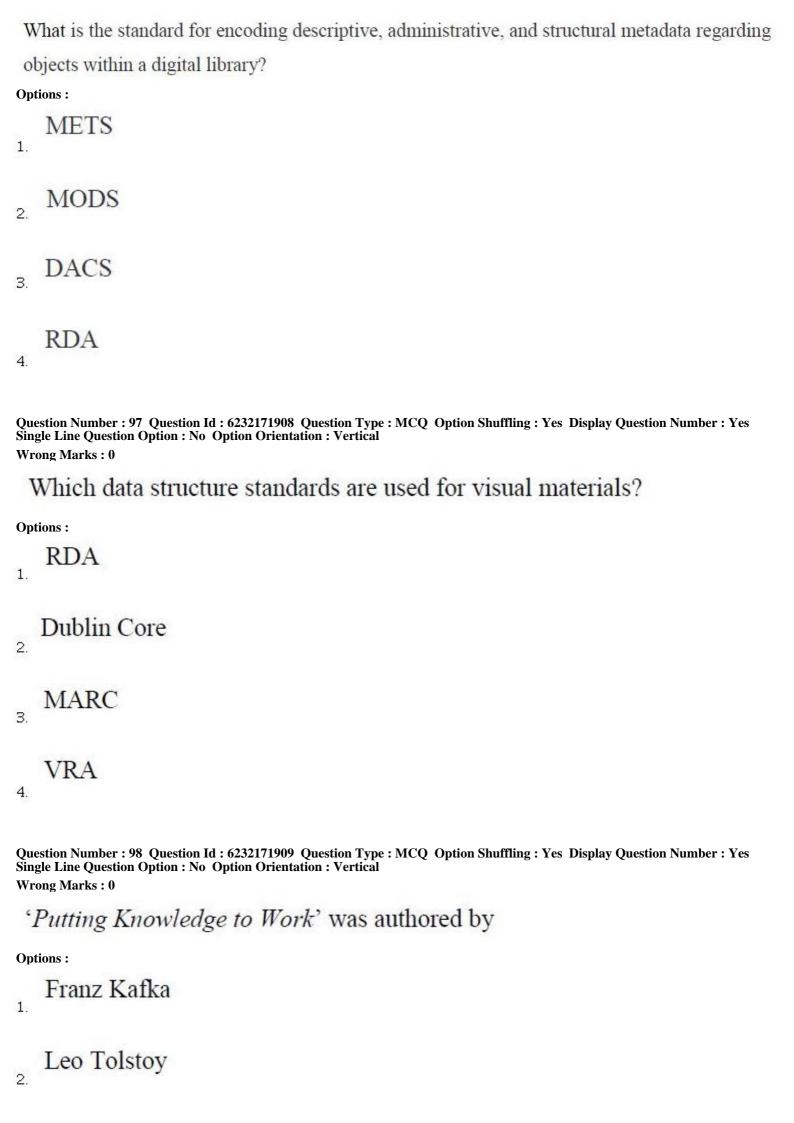
Wrong Marks: 0

```
According to IS 1553: 1989, the Gangways space required between two book racks is
Options:
  1.80 mts.
   1.50 mts.
   1.25 mts.
    1.00 mts.
Question Number: 92 Question Id: 6232171903 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Cranfield Studies' are an example of
Options:
   survey research
   experimental research
   historical research
   case study
Question Number: 93 Question Id: 6232171904 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Which is not a news aggregator?
Options:
   Reuters
    PontCast.
```

```
Dailyhunt
   Press Trust of India
Question Number: 94 Question Id: 6232171905 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Identify the name of the Augmented Reality system developed by University of Illinois Library.
Options:
   LibrARi
   SCARLET
   ShelvAR
   Topic Space
Question Number: 95 Question Id: 6232171906 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
 Who provides Journal Custom Content service in India?
Options:
  INFLIBNET
   INDEST
   NISCAIR
  Informatics India Ltd
```

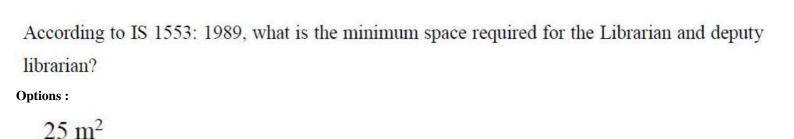
 $Question\ Number: 96\ Question\ Id: 6232171907\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0



```
Charles Dickens
   Pauline Atherton
Question Number: 99 Question Id: 6232171910 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option : No Option Orientation : Vertical
Wrong Marks: 0
 'World of Learning' falls under the category of
Options:
   Yearbook
   Handbook
   Directories
   Encyclopaedia
Question Number: 100 Question Id: 6232171911 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
 The British Museum Cataloguing Rules is also known as
Options:
   Baber's Rules
    Panizzi's Rules
    Vatican Rules
   Jewett's Rules
```

Question Number: 101 Question Id: 6232171912 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0



 $30 \text{ m}^2$ 

 $_{2}$  35 m<sup>2</sup>

 $40 \text{ m}^2$ 

Question Number : 102 Question Id : 6232171913 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical Wrong Marks : 0

What are the various Laws that govern relating to Plagiarism in India?

# **Options:**

- Section 57 and Section 63 and Section 63 (a) of Copyright Act, 1957
- Section 63 and Section 63 (a) of Copyright Act, 1957
- Section 57 and Section 63 of Copyright Act, 1957
- Section 57 and Section 63 (a) of Copyright Act, 1957

 $Question\ Number: 103\ Question\ Id: 6232171914\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

Who is regarded as the first classificationist, made a systematic attempt in bringing out a theory of library classification?

#### **Options:**

E.W. Hulme

1

```
J.D. Brown
   E.C. Richardson
   W.C. Berwick Sayers
Question Number: 104 Question Id: 6232171915 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Who gave the title Father of Library Science in India to Dr. Ranganathan?
Options:
   Rajendra Prasad
   Sir Radha Krishnan
   Sir Maurice Gwyer
   Jawarharlal Nehru
Question Number: 105 Question Id: 6232171916 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Which state do not have a Public Libraries Act?
Options:
  Madhya Pradesh
   Kerala
   Mizoram
   Uttar Pradesh
```

Question Number: 106 Question Id: 6232171917 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Which of the following is not a part of the MARC record structure? **Options:** leader directory record terminator check digit  $Question\ Number: 107\ Question\ Id: 6232171918\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ Wrong Marks: 0 Which of the following is an example of Institutional repository software? **Options:** DARE Ubuntu Red Hat SOUL Question Number: 108 Question Id: 6232171919 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 Which of the following is not a Citation tool? **Options: JCR** 

```
SCOPUS
   Web of Science
   JSTOR
Question Number: 109 Question Id: 6232171920 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 CyberAlert 5.0 is
Options:
  Online Press Clipping Service
  Security Alert Software
  Family Cyber Alert
  National Cyber Awareness System
Question Number: 110 Question Id: 6232171921 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
Which of these databases exclusively covers research reports in the world?
Options:
   DIALOG
   Scopus
    NTIS
   IEEE
```

Question Number: 111 Question Id: 6232171922 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 Delphi technique is related to: **Options:** Budgeting Statistics Forecasting Performance Evaluation Question Number: 112 Question Id: 6232171923 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 A standard microfiche can accommodate: **Options:** 75 pages 98 pages 105 pages 80 pages Question Number: 113 Question Id: 6232171924 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 Who developed Memex in 1945 that later led to the introduction of 'hypertext' concept? **Options:** Ted Nelson

```
Douglas Engelbart
    Vennevar Bush
   Andy van Dam
Question\ Number: 114\ Question\ Id: 6232171925\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical
Wrong Marks: 0
TQM is a system of continuous improvement employing participative management and centered
 on needs of the
Options:
   Customers
   Staff
   Organization
   Government
Question\ Number: 115\ Question\ Id: 6232171926\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical
Wrong Marks: 0
Of the following libraries in India, which one is the oldest library?
Options:
   Asiatic Society Library, Bombay
   Connemara Public Library, Madras
   Delhi Public Library, Delhi
```

National Library of India, Calcutta. Question Number: 116 Question Id: 6232171927 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 LOCKOSS (Software) is an international community initiative by: **Options:** MIT Libraries Stanford University University of Waikato University of Southampton Question Number: 117 Question Id: 6232171928 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 Lotka's law deals with **Options:** Frequency of occurrence of words in a text. Productivity of authors in terms of scientific papers. Scattering of articles over different journals. Growth of articles in journals.

Wrong Marks: 0

(Tenrit de Corres' concent in mone coment is related to

Question Number: 118 Question Id: 6232171929 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes

'Esprit de Corps' concept in management is related to

Single Line Question Option: No Option Orientation: Vertical

```
Stability of Tenure
   Co-operation
  Co-ordination
   Team spirit
Question\ Number: 119\ Question\ Id: 6232171930\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical
Wrong Marks: 0
Classical Theory of Management was propounded by
Options:
   C. Babbaje and Phillip Kotler
   F.W. Taylor
   Henery Fayol
   Luther Gullick
Question Number: 120 Question Id: 6232171931 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
The in-depth examination of a single instance of some social phenomenon is known as
Options:
   Cohort Study
   Cross-Sectional Study
   Case Study
```

```
Validity Study
Question Number: 121 Question Id: 6232171932 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 'Million Book Project' was initiated by
Options:
  Pittsburgh University, U.S.A.
   Michigan University, U.S.A.
   MIT, U.S.A.
   Carnegie Mellon University, U.S.A.
Question Number: 122 Question Id: 6232171933 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Who developed the concept of Business Process Management (BPM)?
Options:
  Michael Porter
  F.W. Taylor
```

D.A. Wren

H. Smith

Question Number: 123 Question Id: 6232171934 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

By which mode 'Management Science' and 'Research Methodology' are formed?

```
Agglomeration
   Fusion
   Cluster
  Distillation
Question\ Number: 124\ Question\ Id: 6232171935\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical
Wrong Marks: 0
 Which of the search strategy is useful to increase recall output?
Options:
  Proximity operators
   Boolean operator "NOT"
   Truncation
   Boolean operator "AND"
Question Number: 125 Question Id: 6232171936 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Identify "Shodh Shuddhi" a kind of tool launched by INFLIBNET
Options:
   Reference Tool
   Website
   Database
```

```
Plagiarism tool
```

Question Number: 126 Question Id: 6232171937 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Which of the following is the first book authored by S.R. Ranganathan?

**Options:** 

Library Manual

Five laws of Library Science

Prolegomena to Library Classification

Colon Classification

Question Number: 127 Question Id: 6232171938 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Who has been referred as 'First Grammarian of library classification'?

**Options:** 

S.R. Ranganathan

E.W. Hulme

Melvil Dewey

W.C.B. Sayers

 $Question\ Number: 128\ Question\ Id: 6232171939\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

The Class index entries which are derived from the class number of a document in classified catalogue are based upon:

```
Unsought link
  Missing link
  False link
  Sought link
Question Number: 129 Question Id: 6232171940 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
Which layer of 'OSI' Model occurs between 'Network' and 'Physical'?
Options:
  Data Link
  Transport
  Session
  Presentation
Question Number: 130 Question Id: 6232171941 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
Ventura is an example of:
Options:
  Operating System
  Electronic Spread Sheet
 Image Processing Software
```

```
Publishing Software
Question Number: 131 Question Id: 6232171942 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 S.M.C.R. Communication model was developed by
Options:
  David K Berlo
  Harold Lasswell
   W. A.Schramm
   Charles Osgood
Question Number: 132 Question Id: 6232171943 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Whose model of communication of knowledge suggests that communication is an open system?
Options:
  G. Garbner
   Juger Hebermans
  Shannon & Weaver
  M. Foucault
```

Question Number: 133 Question Id: 6232171944 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

In CDS/ISIS, 'delimiters' means

**Options:** 

Field address

1

```
Field repeatability
  Field format
  Subfield indicators
Question Number: 134 Question Id: 6232171945 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Intellectual Property Rights (IPR) cover:
 1. Patents
 2. Copyright
 Computer Programmes
 4. Censorship
Options:
  1 and 2
  1 and 3
  2 and 3
  3 and 4
Question Number: 135 Question Id: 6232171946 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
The libraries identified by INFLIBNET to act as a Document Delivery Centres are:
```

The horalice lactions of his biblish to accuse

- University of Hyderabad Library, Hyderabad
- Lucknow University Library, Lucknow
- Gauhati University Library, Gauhati
- 4) Punjab University Library, Chandigarh

1 and 2
2. 1 and 3
3. 1 and 4
2 and 4
Question Number: 136 Question Id: 6232171947 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0  Which of the following are trade bibliographies?
1. Books-in-Print
2. Indian National Bibliography
3. Indian Books-in-Print
4. British National Bibliography
Options: 1 and 2
2 and 3
1 and 3
2 and 4 4.
Question Number: 137 Question Id: 6232171948 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Which of the following are maintained to provide Selective Dissemination of Information (SDI
service?
1. Author Profile
2. Library Profile
3. Document Profile
4. User Profile
Options:
1 and 2
2 and 3
3. 1 and 4
3 and 4
Question Number: 138 Question Id: 6232171949 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0
Which of the following are modes of formation of subjects?
1. Classification
2. Agglomeration
3. Denudation
4. Division
Options:
1 and 2
1 and 3
<sub>3.</sub> 2 and 3
2 and 4

 $Question\ Number: 139\ Question\ Id: 6232171950\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

The components in delegation of authority are:

- 1. Authority
- 2. Leadership
- 3. Responsibility
- 4. Accountability

## **Options:**

1, 2 and 3

2. 1, 3 and 4

2, 3 and 4

1, 2 and 4

Question Number: 140 Question Id: 6232171951 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The theories relating to motivation are:

- 1. Fayol theory
- 2. Maslow theory
- 3. Drucker theory
- 4. McGregor Theory X and Theory Y

# **Options:**

1, 2 and 3

1, 3 and 4

```
2 and 4
2, 3 and 4
Question Number: 141 Question Id: 6232171952 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
 Which of the following are the national level associations dealing with special libraries?
 1. Association for Information Management (ASLIB)
 2. Society for Information Science (SIS)
 3. Chartered Institute of Library and Information Professionals (CILIP)
 4. Indian Association of Special Libraries and Information Centres (IASLIC)
Options:
   1 and 3
  2 and 3
  1 and 4
  3 and 4
Question Number: 142 Question Id: 6232171953 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes
Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0
In which of the following places the zonal offices of Raja Ram Mohan Roy Library Foundation
are located?
(a) Delhi
(b) Trivandrum
(c) Mumbai
(d) Hyderabad
Options:
  (a) and (d)
```

- 2. (a) and (c)
- (b) and (d)
- (b) and (c)

Question Number: 143 Question Id: 6232171954 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Arrange the following Public Libraries Acts' according to their year of enactment

- (a) Gujarat Public Libraries Act.
- (b) Chhattisgarh Public Libraries Act.
- (c) Goa Public Libraries Act.
- (d) Rajasthan Public Libraries Act.

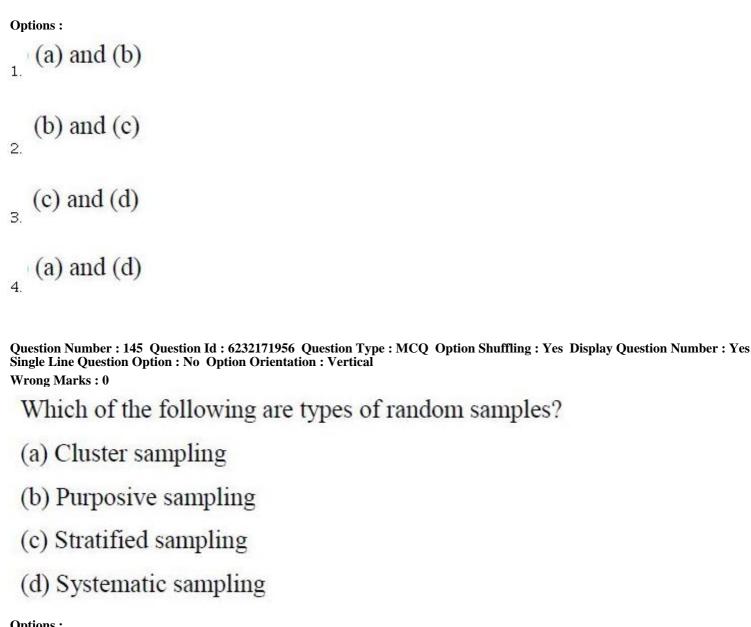
**Options:** 

Question Number: 144 Question Id: 6232171955 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Technological Gate keeper is

- (a) An informal channel
- (b) A term coined by T.J. Allen
- (c) A formal channel
- (d) A term coined by Derek Solla price



**Options:** 

(a), (c) and (d)

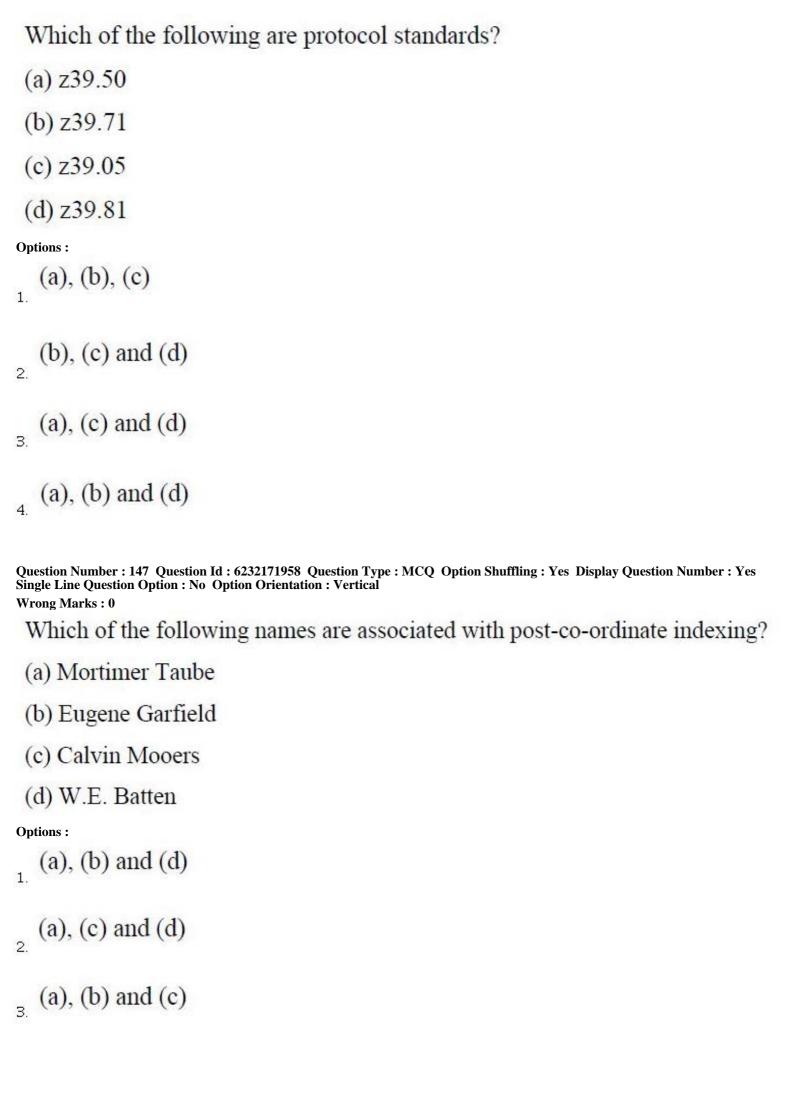
(b), (c) and (d)

(a), (b) and (c)

(a), (b) and (d)

Question Number: 146 Question Id: 6232171957 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0



```
(b), (c) and (d)
```

Question Number: 148 Question Id: 6232171959 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

# Folksonomy is

- (a) Collaborative knowledge organisation system.
- (b) Term introduced by Thomas Vander Wal.
- (c) Based on a pre-determined classificatory order.
- (d) Term introduced by Peter Wellers.

## **Options:**

- (a) and (b)
- (a) and (d)
- g (b) and (c)
- (c) and (d)

Question Number : 149 Question Id : 6232171960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

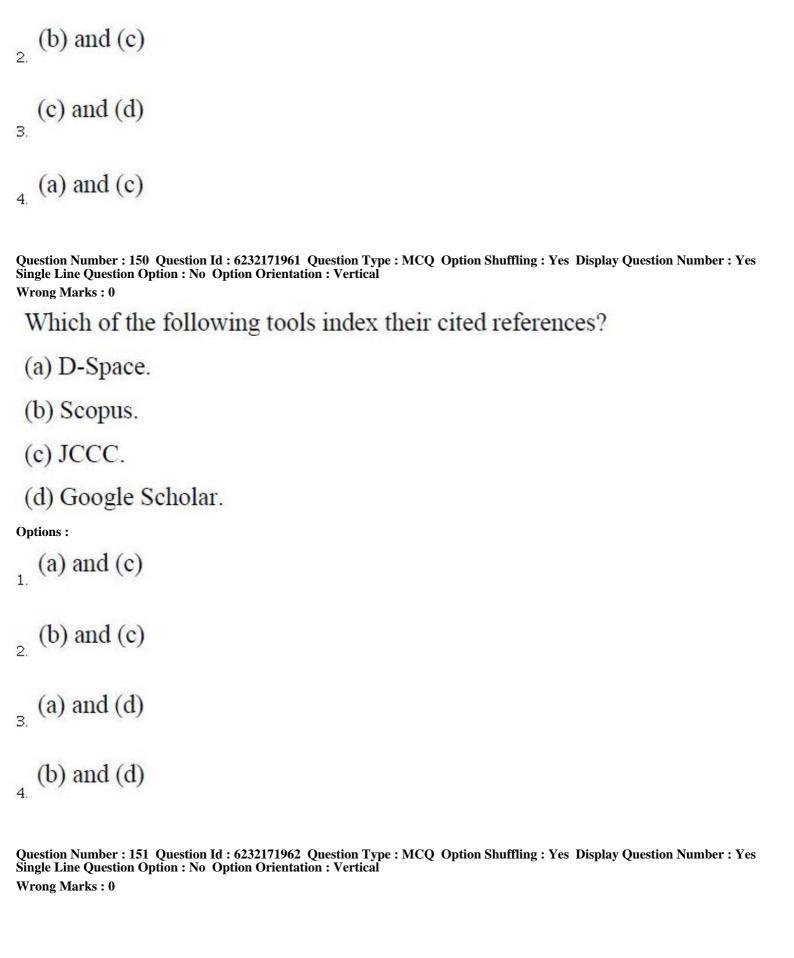
Sampling error occurs when we take:

- (a) Repeated samples from the same population.
- (b) Samples from cross section of population.
- (c) Samples from myriad population.
- (d) Samples from discrete group of population.

#### **Options:**

(a) and (b)

1



Which of the following are news summaries? (i) Data India (ii) Times of India Index (iii) New York Times Index (iv) Asian Recorder **Options:** (i), (ii) and (iii) (ii) and (iii) (ii) (iii) and (iv) (i) and (iv) Question Number: 152 Question Id: 6232171963 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 Which is the proper Database hierarchy in the organization of data **Options:** Database -> File -> Record -> Field -> Character -> Byte -> Bit Database -> Record -> File -> Field -> Byte -> Character -> Bit Database -> File -> Record -> Character -> Field -> Byte -> Bit

Question Number: 153 Question Id: 6232171964 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Which is the correct structure of U.S. MARC format?

Database-> File -> Record-> Field -> Byte -> Bit

- Leader/Directory/Control field/Variable data field
- Leader/instructions/Survey/Data Structure
- Leader/Control field/Director/Variable data field
- Leader/Director/ Data Structure/Variable data field

Question Number: 154 Question Id: 6232171965 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Which is the correct sequence of cardinal points on the spiral of scientific method?

Options:

- Ascendant, Descendent, Zenith, Nadir
- Descendent, Zenith, Ascendant, Nadir
- Nadir, Ascendant, Zenith, Descendent
- Ascendant, Nadir, Zenith, Descendent

Question Number: 155 Question Id: 6232171966 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

The marketing concepts related to the Library Service include Options:

- analysis, planning, implementation and control
- advertising, planning, analysis and control
- distribution, control, analysis, implementation

indexing, planning, control and implementation.

 $Question\ Number: 156\ Question\ Id: 6232171967\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

User education, the library may be provided in four interrelated areas that includes:

Options:

User's awareness, user studies, library orientation, bibliographic instruction

User's awareness, library orientation, inter-profiling, bibliographic instruction

Aptitude test of the users, use of cataloguing, inter-profiling, user's awareness

Bibliographic instruction, library orientation, computer literacy, user's awareness.

Question Number : 157 Question Id : 6232171968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

Arrange in sequence the following types of activity according to Ellis's model of information-seeking behaviour:

- (a) Browsing
- (b) Chaining
- (c) Differentiating
- (d) Extracting

Wrong	Marks	٠	1

Arrange the following in chronological order of their introduction:

- (a) ISBD.
- (b) MARC.
- (c) CCF.
- (d) RDA.

### **Options:**

Question Number: 159 Question Id: 6232171970 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0

Arrange the following Acts based on their year of their enactments:

- (a) Digital Millenium Copyright Act.
- (b) Right to Information Act (India).
- (c) Information Technology Act (India).
- (d) Indian Copyright Act.

Question Number: 160 Question Id: 6232171971 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

### <u>List – I (Forms of Communication)</u>

(i) Radio

(a) Communication Barrier

(ii) Shannon and Weaver

List – II (Medium / Type / Theory)

(b) Communication Medium

(iii) Formal

(c) Communication Model

(iv) Noise

(d) Communication Channel

#### **Options:**

1.

a-i b-ii c-iii d-iv

a-iv b-i c-ii d-iii

a-ii b-iii c-iv d-i

a-iii b-ii c-i d-iv

Question Number: 161 Question Id: 6232171972 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

## <u>List – I (Library Act)</u>

### <u>List – II (Year of Enactment)</u>

- (a) Andhra Pradesh Public Libraries Act
- (i) 1964
- (b) Maharashtra Public Libraries Act
- (ii) 1967
- (c) West Bengal Public Libraries Act
- (iii) 1960
- (d) Karnataka Public Libraries Act
- (iv) 1979

b-ii d-iv C-i a-111

d-i b-111 a-11 C-IV

d-i b-ii a-111 C-IV

b-ii d-iv C-111 a-1

Question Number: 162 Question Id: 6232171973 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes

Single Line Question Option: No Option Orientation: Vertical

Match the following:

# List – I (Types of Indexing)

(i) Derek Austin

List - II (Author)

- (a) Chain Indexing
- (b) Uniterm Indexing (ii) Eugene Garfield

(c) PRECIS

(iii) S. R. Ranganathan

(d) Citation Indexing

(iv) Mortimer Taube

**Options:** 

d-ii b-iv C-1 a-111

b-i d-iv a-111 C-11

d-iv b-ii C-111 a-1

b-iii d-i c-iv a-11

Question Number: 163 Question Id: 6232171974 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

### Match the following:

## <u>List - I (Modes of Subject Formation)</u>

## List - II (Subject)

- (a) Fusion
- (b) Distillation
- (c) Loose Assemblage
- (d) Lamination

- (i) Management
- (ii) Mathematics for Engineers
- (iii) Library Classification
- (iv) Bio-physics

### **Options:**

- a-iii b-iv c-ii d-i
- a-iv b-i c-ii d-iii
- a-iii b-iv c-i d-ii
- a-ii b-iii c-iv d-i

Question Number: 164 Question Id: 6232171975 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

### Match the following:

### <u>List – I (Networks / Institutions)</u>

List - II (Location)

(a) OCLC

(i) UK

(b) JANET

(ii) Canada

(c) ERNET

- (iii) USA
- (d) International Development Research Center
- (iv) India

- a-iv b-iii c-ii d-i
- a-i b-ii c-iii d-iv

в a-iii b-i c-iv d-ii

a-ii b-i c-iii d-iv

Question Number: 165 Question Id: 6232171976 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

### List - I (Reference Book Category) List - II (Name of the Reference Book)

(a) Directory (i) Information Please Almanac

(b) Annual (ii) Kessing's Record of World Events

(c) Bibliography (iii) Encyclopaedia of Associations

(d) News Digest (iv) Publisher's Weekly

**Options:** 

a-iii b-i c-iv d-ii

a-i b-iii c-iv d-ii

a-iii b-ii c-iv d-i

a-iv b-i c-ii d-iii

Question Number: 166 Question Id: 6232171977 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

### <u>List – I (Reference Books)</u> <u>List – II (Arrangement)</u>

(A) World of Learning (i) Alphabetical

(B) Sears List of Subject Headings (ii) Classified

(C) Roget's International Thesaurus (iii) Geographical

(D) Indian National Bibliography (iv) Topical

#### **Options:**

a-iii b-i c-iv d-ii

a-iv b-i c-ii d-iii

a-i b-ii c-iii d-iv

a-ii b-iii c-iv d-i

Question Number: 167 Question Id: 6232171978 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

 $\underline{\text{List}} - \underline{\text{I}}$ 

(a) Basic Research i. Problem of gaps in periodical collection in J.N.U. Library

(b) Applied Research ii. Use of measurement technique in Library Science

(c) Action Research iii. Use of Library in public schools in Delhi

(d) Survey Research iv. Five laws of Library

**Options:** 

a-iv b-ii c-i d-iii

a-ii b-iv c-i d-iii

a-iii b-ii c-iv d-i

a-i b-ii c-iii d-iv

Question Number : 168 Question Id : 6232171979 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

# Match the following:

List - I

List - II

- (a) Web of Science
- i. Chemical Abstract Service (CAS)

(b) Web Junction

ii. Elsevier

(c) Scopus

iii. OCLC

(d) SciFinder

iv. Thomson Reuters

### **Options:**

a-ii

b-iii

c-i

d-iv

a-iv

b-i

c-iii

d-ii

a-iii

b-iv

c-ii

d-i

a-iv

b-iii

C-11

d-i

Question Number : 169 Question Id : 6232171980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks: 0

### Match the following:

<u>List – I</u>

List - II

- (a) Facebook
- i. Larry page and Surgey Bin
- (b) Twitter
- ii. Tim Berner Lee

(c) WWW

- iii. Jack Dorsey
- (d) Google
- iv. Mark Zuckerberg

#### **Options:**

a-i

b-ii

c-iv

d-iii

a-iv

b-iii

c-ii

d-i

```
a-iii b-iv c-iii d-i
a- iii b-i c-ii d-iv
```

 $Question\ Number: 170\ Question\ Id: 6232171981\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

## Berne convention is concerned with

**Options:** 

Translations

Copy right

Patents

Standards

 $Question\ Number: 171\ Question\ Id: 6232171982\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

# Match the following:

		List-I				<u>List-II</u>
	(a)	Browne			i.	OCLC
	(b)	SWOT as	nalysis		ii.	Digital Library Software
	(c)	WorldCa	t		iii.	Charging System
	(d)	Greensto	ne		iv.	Management Practice
-	ions:	b-i	c-iii	d-ii		
	a-i	b-ii	c-iv	d-iii		

a-iii b-iv c-i d-ii
a-ii b-i c-iii d-iv

Question Number: 172 Question Id: 6232171983 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

Match the following:

### <u>List - II</u>

- (a) Annals of Library and Information Studies i. S.R.E.L.S, Bangalore
- (b) Journal of Information Management ii. Delhi Library Association
- (c) Herald of Library science iii. NISCAIR, Delhi
- (d) Library Herald iv. P.N. Kaula Endowment, Lucknow

### **Options:**

a-ii b-iii c-iv d-i

a-iii b-i c-iv d-ii

a-iii b-ii c-i d-iv

a-i b-iii c-iv d-ii

Question Number: 173 Question Id: 6232171984 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical
Wrong Marks: 0

### Match the following:

- (a) Chicago Manual of Style i. Legal authorities
- (b) Oxford Referencing style ii. Medical or scientific papers
- (c) Bluebook: a uniform system of citation iii. General
- (d) Vancouver style iv. Note citation system

#### **Options:**

a-ii b-iii c-iv d-i

a-iii b-iv c-i d-iii
a-iv b-ii c-ii d-iii
a-i b-ii c-iv d-iii

 $Question\ Number: 174\ Question\ Id: 6232171985\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

List-II

Wrong Marks: 0

## Match the following

List-I

	-		
(a) Search	(a) Search Engine		
(b) Subject	(b) Subject Gateway		
(c) Net Bi	(c) Net Browser		
(d) Meta S		iv. SOSIG	
Options:			
a-iv	b-iii	c-ii	d-i
a-iii	b-iv	c-i	d-ii
a-iv	b-i	c-ii	d-iii
a-i	b-ii	c-iv	d-iii

 $Question\ Number: 175\ Question\ Id: 6232171986\ Question\ Type: MCQ\ Option\ Shuffling: Yes\ Display\ Question\ Number: Yes\ Single\ Line\ Question\ Option: No\ Option\ Orientation: Vertical$ 

Wrong Marks: 0

4.

Match the date of publication of these codes:

### List-I (Title of the Code)

# List-II(Date of publication)

a) Vatican Code

- i) 1841
- b) British Museum Code
- ii) 1886

c) Dziatizka Code

- iii) 1908
- d) Anglo-American Code
- iv) 1931

**Options:** 

a-ii

b-iii

c-i

d-iv

a-i

b-iv

c-iii

d-ii

\_ a-iii

b-ii

C-1

d-iv

a-iv

b-i

C-11

d-iii

Question Number: 176 Question Id: 6232171987 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

National library week in India is being celebrated annually since

**Options:** 

1914

1933

1950

1968

Why Referencing is most important in scholarly communication? to acknowledge the contribution of other writers ideas you have used (a) to show the relationship to other researchers work (b) to provide evidence to support the assertions and claims in your own work (c) to show the amount of literature you have studied **Options:** (a) and (b) (c) and (d) (b), (c) and (d) (a), (b) and (c) Question Number: 178 Question Id: 6232171989 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical Wrong Marks: 0 ORCID provides a unique 16-digit ID represents (a) Unique researcher's id (b) Digital profile and affiliation of the researcher (c) Alphanumeric code given to an author (d) Identification number given by Research Gate **Options:** (a) and (b) (c) and (d)

(a) and (c)

```
(b) and (d)

Question Number: 179 Question Id: 6232171990 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

While preparing research communication, which type of information need not be cited?
```

- (a) Historical overviews
- (b) Conclusions (containing formerly cited ideas)
- (c) Email communications
- (d) Speech

### **Options:**

(a) and (b)

2. (c) and (d)

(a) and (c)

(b) and (d)

Question Number: 180 Question Id: 6232171991 Question Type: MCQ Option Shuffling: Yes Display Question Number: Yes Single Line Question Option: No Option Orientation: Vertical

Wrong Marks: 0

## Match the following:

[]	List – I			<u>List-II</u>
a) ILRC	a) ILRC (Inter Library Resource Centre)			i. Elsevier
b) IFLA			ii. Indexing Service	
c) Journal of Academic Librarianship			iii. UK	
d) INIS	Atomindex			iv. Hague
Options:				
a-iii	b-iv	c-i	d-ii	

a-i b-iv c-iii d-ii a-iii b-ii c-i d-iv

a-iv b-i c-ii d-iii