

# Andhra Pradesh State Council of Higher Education

**Question Paper Name:** POPULATION STUDIES  
**Subject Name:** POPULATION STUDIES  
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**Total Marks:** 180  
**Display Marks:** Yes  
**Share Answer Key With Delivery Engine:** Yes

## POPULATION STUDIES

**Group Number :** 1  
**Group Id :** 62321723  
**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 :** 62321745  
**Section Number :** 1  
**Section type :** Online  
**Mandatory or Optional:** Mandatory  
**Number of Questions:** 82  
**Number of Questions to be attempted:** 82  
**Section Marks:** 90  
**Display Number Panel:** Yes  
**Group All Questions:** No

**Sub-Section Number:** 1  
**Sub-Section Id:** 623217133  
**Question Shuffling Allowed :** Yes

**Question Number : 1 Question Id : 6232173983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes**  
**Single Line Question Option : No Option Orientation : Vertical**

**Wrong Marks : 0**

Maximum participation of students is possible in teaching through

**Options :**

1. discussion method
2. audio-visual aids
3. lecture method
4. textbook method

Question Number : 2 Question Id : 6232173984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If some of your students misbehave with you in the class, as a teacher you must

Options :

1. mobilize other teachers against the students
2. report to their parents
3. report to the Principal
4. improve their behaviour by your own character and scholarship

Question Number : 3 Question Id : 6232173985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A teacher in the classroom should keep the pitch of his voice will be

Options :

1. sometimes low and sometimes high
2. low
3. moderate
4. high enough

Question Number : 4 Question Id : 6232173986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If some students fail in the classroom, it is the fault of

Options :

1. curriculum
2. students themselves
3. the head of the institute
4. the teacher

Question Number : 5 Question Id : 6232173987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If a teacher is not able to answer the question of student, he/she should

Options :

1. feel pity of his ignorance
2. say that the question is irrelevant
3. shout at student
4. say that he/she will answer after consultation

Question Number : 6 Question Id : 6232173988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The main important cause of failure in the beginning for a teacher lies in the area of

Options :

1. verbal ability

2. strict handling of students
3. lack of knowledge on the part of teacher
4. lack of teacher interpersonal relationship

Question Number : 7 Question Id : 6232173989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Classroom discipline can be maintained effectively by

Options :

1. putting neat dress in the class
2. providing interesting programme
3. knowing the cause and handle with hard
4. sending out students from the class

Question Number : 8 Question Id : 6232173990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Verbal guidance is least effective in teaching in the following aspects:

Options :

1. Relationship
2. Skills
3. Attitude
4. Concept

Question Number : 9 Question Id : 6232173991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The most appropriate meaning of teaching is

Options :

1. acquisition of knowledge
2. modification of behaviour
3. acquiring skills
4. personal adjustment

Question Number : 10 Question Id : 6232173992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Survey research generally studies

Options :

1. circumstances
2. populations
3. processes
4. events

Question Number : 11 Question Id : 6232173993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Principles of fundamental research are widely used in

Options :

1. empirical research
2. action research

3. philosophical research

4. applied research

Question Number : 12 Question Id : 6232173994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A research design is

Options :

1. a way of conducting research that is not grounded in theory

2. a choice between the use of quantitative and qualitative methods

3. a frame work for every stage of the collection and analysis of data

4. the method of presenting the research findings

Question Number : 13 Question Id : 6232173995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A research divides his population into certain groups and fixes the size of sample from each group. This type of sampling is called

Options :

1. judgement sampling

2. stratified sampling

3. cluster sampling

4. quota sampling

Question Number : 14 Question Id : 6232173996 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 activities, potential for nurturing creative and critical thinking is relatively greater?

Options :

1. Participation in a research seminar
2. Participation in a workshop
3. Presenting a seminar paper
4. Preparing a questionnaire for data collection

Question Number : 15 Question Id : 6232173997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

By a synopsis of a research project, we mean

Options :

1. the blue print of research
2. a plan of research
3. a summary of the findings of research
4. evidences and extracts of observations

Question Number : 16 Question Id : 6232173998 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 not true in case study research?

Options :

1. Case study research means single and multiple case studies
2. Case study research relies on multiple sources of evidence

3. Case study research benefits from prior development of theoretical propositions

4. Case study research can not include quantitative evidence

Question Number : 17 Question Id : 6232173999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The process that is not needed in experimental research is

Options :

1. controlling

2. observation

3. manipulation and replication

4. collection of references

Question Number : 18 Question Id : 6232174000 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 component of ethical research?

Options :

1. Competence

2. Consent

3. Voluntariness

4. Suitability

Sub-Section Number:

2

Sub-Section Id:

623217134

Question Shuffling Allowed :

Yes



Question Id : 6232174001 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 question**

As we have seen, fat is crucial to survival, and there can be little doubt about the evolutionary history of our preference for it in our diet. In addition to fat, are there other substances that are so important to our basic physiology that we must have them? Salt is one of those essential minerals that we require for normal physiological function. The sodium and chloride found in salt along with potassium, are electrolytes, substances that when in the proper solvent will conduct ions. Electrolytes are important in regulation of the body's fluid levels as well as the balance of acids and bases.

Considerable research has been conducted on salt by physiologists as well as ecologists. Physiologists are concerned with the regulation and management of electrolytes, while ecologists are interested in how we acquire our taste for salt. Is our preference for salt learned, and if so, how is it accomplished? Alternatively, is our predilection for salt a consequence of our evolutionary history? Of course, the answer is both, but there are some other interesting answers to the recurring "why" question. Ecologists have noted that one of the consequences of heavy rain fall is the depletion of sources of sodium present in the food of land-dwelling herbivores. This is particularly true for animals that are far from the ocean. Female mammals may have developed a predisposition for salt due to the demands of pregnancy and lactation. Mammals with a highly developed preference for salt would be favoured in an environment where sources of salt were unpredictable. When salt was encountered, consumption of substantial quantities could have provided a reserve on which an individual might draw.

#### **Sub questions**

Question Number : 19 Question Id : 6232174002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

**What is our preference in our diet as per the evolutionary history?**

**Options :**

1. Fruit
2. Root
3. Fat
4. Protein

Question Number : 20 Question Id : 6232174003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

What is one of the essential minerals we require for physiological function?

Options :

1. Salt
2. Fluorite
3. Sugar
4. Magnetite

Question Number : 21 Question Id : 6232174004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

What are the electrolytes that conduct ions?

Options :

1. Sodium
2. Potassium
3. Chloride

4. All of the other options

Question Number : 22 Question Id : 6232174005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Who conducted research on salt?

Options :

1. Historians and Ecologists
2. Psychologists and Physiologists
3. Ecologists and Psychologists
4. Physiologists and Ecologists

Question Number : 23 Question Id : 6232174006 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What is the concern of Physiologists?

Options :

1. Regulation of electrolytes
2. Human acquisition of taste for salt
3. False history of evolution
4. Harmful effects of consuming salt

Question Number : 24 Question Id : 6232174007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What has been the finding of Ecologists?

Options :

1. Consequences of drought
2. Depletion of Ozone layer
3. Soil erosion
4. Depletion of sodium in plants

Question Number : 25 Question Id : 6232174008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Why do female mammals require more salt?

Options :

1. To satisfy hunger and thirst
2. To meet the demands of pregnancy and lactation
3. To acquire agility in running away
4. To combat other animals

Question Number : 26 Question Id : 6232174009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Where the salt supply is unpredictable?

Options :

1. Mammals that live far from the ocean survive
2. Mammals that consume more water survive
3. Mammals with salt reserves survive

4. Mammals cannot survive

Question Number : 27 Question Id : 6232174010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What is the central argument of the passage?

Options :

1. Salt is essential for our basic physiology
2. There is natural carving for fat
3. Not all mammals are herbivores
4. Electrolytes regulate body's fluid levels

Sub-Section Number: 3  
Sub-Section Id: 623217135  
Question Shuffling Allowed : Yes

Question Number : 28 Question Id : 6232174011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

When verbal and non-verbal messages are contradictory, most of the people believe it as \_\_\_\_\_

Options :

1. intermittent messages
2. verbal messages
3. aggressive messages
4. non-verbal messages

Question Number : 29 Question Id : 6232174012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The typical feature of information-rich classroom lecture is in the nature of being

Options :

1. factual
2. staggered
3. sectional
4. sedentary

Question Number : 30 Question Id : 6232174013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Positive classroom communication leads to

Options :

1. submission
2. coercive
3. persuasion
4. biased passivity confrontation

Question Number : 31 Question Id : 6232174014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The bias in classroom communication leads to

Options :

1. group argument
2. external stimulus

3. social identity

4. biased passivity

Question Number : 32 Question Id : 6232174015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If majority students in your classroom are weak, then you should

Options :

1. keep your teaching slow

2. keep your teaching slow along with some extra guidance to bright pupils

3. do not care about the intelligent students

4. keep your speed of teaching fast so that students increase comprehension

Question Number : 33 Question Id : 6232174016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A teacher who is not able to draw the attention of his students should

Options :

1. start dictating

2. resign from the post

3. evaluate his teaching method and improve it

4. find fault with students

Question Number : 34 Question Id : 6232174017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Arrange the following teaching process in order

- i) Relating the present knowledge with previous knowledge.
- ii) Presentation of material.
- iii) Evaluate the lesson taught.
- iv) Formulating objects of the lesson.

Options :

1. (iv), (ii), (i), (iii)
2. (i), (ii), (iii), (iv)
3. (ii), (i), (iii), (iv)
4. (iii), (ii), (iv), (i)

Question Number : 35 Question Id : 6232174018 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 most important factors for success in the classroom?

Options :

1. Communicative ability
2. Organizational ability
3. Personality of the teacher
4. Scholarship

Question Number : 36 Question Id : 6232174019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

When is the communication process is complete, when

Options :



1. the sender transmits the message
2. the receiver understands the message
3. the message leaves the channel
4. the message enters the channel

Question Number : 37 Question Id : 6232174020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In the series, there is a pattern. Identify the pattern and fill the blank.

2, 5, 9, 19, 37, \_\_\_\_\_.

Options :

1. 73
2. 74
3. 75
4. 76

Question Number : 38 Question Id : 6232174021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In the series, there is a pattern. Identify the pattern and fill the blank.

$\frac{1}{81}$ ,  $\frac{1}{54}$ ,  $\frac{1}{36}$ ,  $\frac{1}{24}$ , \_\_\_\_\_.

Options :

1.  $\frac{1}{32}$

2.  $\frac{1}{16}$

3.  $\frac{1}{15}$

4.  $\frac{1}{9}$

Question Number : 39 Question Id : 6232174022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In the series, there is a pattern. Identify the pattern and fill the blank.

ABD, DGK, HMS, MTB, SBL, \_\_\_\_\_.

Options :

1. ZAB

2. XKW

3. ZKU

4. ZKW

Question Number : 40 Question Id : 6232174023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In the series, there is a pattern. Identify the pattern and fill the blank.

SCD, TEF, UGH, \_\_\_\_\_, WKF.

Options :

1. CMN

2. UJI

3. VIJ

4. IJT

Question Number : 41 Question Id : 6232174024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If a man covers a certain distance between his house and office on scooter with an average speed of 30 km/hour, he is late by 10 minutes. However, with a speed of 40 km/hour, he reaches his office 5 minutes earlier. The distance between his house and office is

Options :

1. 50 km

2. 45 km

3. 40 km

4. 30 km

Question Number : 42 Question Id : 6232174025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

An amount of ₹1,980 is divided among 7 men, 11 women and 5 boys such that each woman may have 3 times as much as a boy and a man as much as a woman and a boy together. Then one woman's share is

Options :

1. ₹ 75

2. ₹ 80

3. ₹ 90

4. ₹ 60

Question Number : 43 Question Id : 6232174026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In an examination, A got 10% marks less than B, B got 25% marks more than C and C got 20% less than D. If A got 360 marks out of 500, the difference in percentage of C and D is

Options :

1. 15%
2. 16%
3. 18%
4. 22%

Question Number : 44 Question Id : 6232174027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A person bought an article and sold it at a loss of 10%. If he had bought it for 20% less and sold it for ₹ 55 more, he would have made a profit of 40%. Then the cost price of that article is

Options :

1. ₹ 260
2. ₹ 250
3. ₹ 240
4. ₹ 220

Question Number : 45 Question Id : 6232174028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The banker's discount on ₹ 1,600 at 15% simple interest per annum is the same as the true discount on ₹ 1,680 for the same time and at the same rate. Then the time period in months, is

Options :

1.  $4\frac{1}{2}$
2. 4
3.  $3\frac{1}{2}$
4. 3

Sub-Section Number: 4  
Sub-Section Id: 623217136  
Question Shuffling Allowed : No

Question Number : 46 Question Id : 6232174029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In the context of deductive argument with two premises, which one of the following is not correct?

Options :

1. An argument with one true premise, one false premise and a false conclusion may be valid
2. An argument with two true premises and a false conclusion may be valid
3. An argument with one true premise, one false premise and a true conclusion may be valid.
4. An argument with two false premises and a false conclusion may be valid

Wrong Marks : 0

Two statements, Assertion and Reasoning are given, based on the two statements give the correct answer.

Assertion (A) : Sustainable development is critical to the well-being of human society.

Reason (R) : Environmental friendly policies do not harm the environment or deplete the natural resources.

Options :

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

Wrong Marks : 0

The premises and four conclusions drawn from them (taking singly or together) are given below. Select the code that states the conclusions validly drawn.

Premises:

I) All religious persons are emotional

II) Sunil is a religious person

Conclusions:

A) Sunil is emotional

B) All emotional persons are religious

C) Sunil is not a non-religious person

D) Some religious persons are not emotional

Options :

1. Only A

2. A and C

3. B and C

4. A, B and C

Question Number : 49 Question Id : 6232174032 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, III. You have to consider the statement and the following assumptions, decide which assumption(s) is/are implicit in the statement and choose your answer accordingly.

Statement: Quality of life of a person is not dependent only in his wealth.

Assumptions: I) The aim of most people is just to acquire more wealth.

II) There are some factors other than wealth which contribute to the quality of life.

III) Wealth does not contribute to the quality of life at all.

Options :

1. Only (I) is implicit

2. Only (I) and (II) are implicit

3. Only (II) is implicit

4. Only (II) and (III) are implicit

Question Number : 50 Question Id : 6232174033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The two words have some relation. Identify the relationship from the following options and fill the blanks.

Studious : Erudite :: \_\_\_\_\_ : \_\_\_\_\_.

Options :

1. Ignorance : Illiterate

2. Virtuous : Judge

3. Enterprising : Rich

4. Cupidity : Poor

Question Number : 51 Question Id : 6232174034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The two words have some relation. Identify the relationship from the following options and fill the blanks.

Aluminium : Bauxite : : Iron : \_\_\_\_\_.

Options :

1. Pyrite

2. Magnesite

3. Haematite

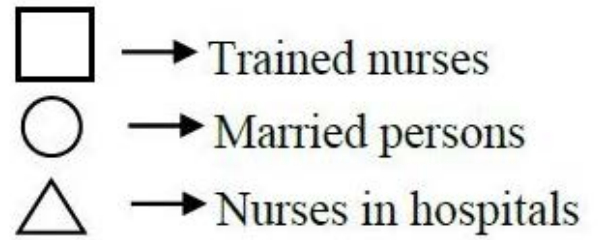
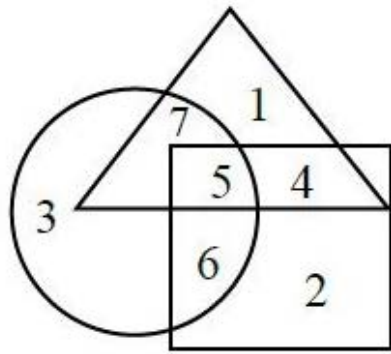
4. Pyrdusite

Question Number : 52 Question Id : 6232174035 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 given below.



Married but unmarried nurses in the hospitals are represented by the number

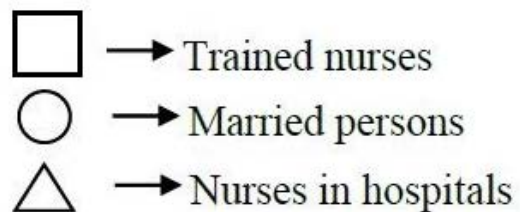
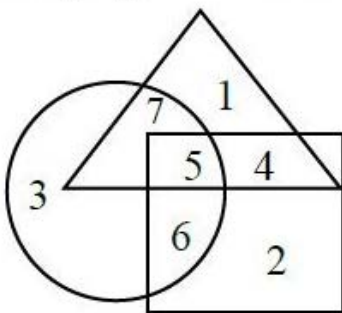
Options :

1. 4
2. 5
3. 6
4. 7

Question Number : 53 Question Id : 6232174036 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 given below.



If hospital management requires only married trained nurses, which part of the diagram is to be chosen?

Options :

1. 4
2. 5

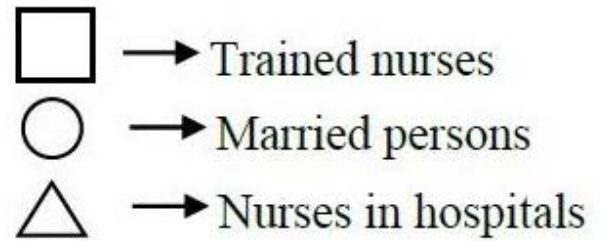
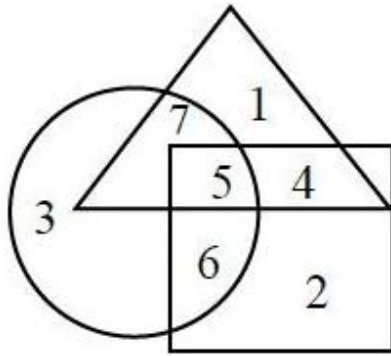
3. 6

4. 7

Question Number : 54 Question Id : 6232174037 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 given below.



What is represented by the number 7?

Options :

1. Married nurses in the hospital

2. Trained nurses

3. Unmarried trained nurses

4. Married trained nurses

Question Number : 55 Question Id : 6232174038 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The following table gives the semester-fees (in thousand ₹) for five courses in different years in a university. Study the following table carefully and answer the question given below it.

Course \ Year	B.Tech	B.Ed	B.Pharm	M.B.A.	M.Sc
2001	10.5	5.4	7.0	4.5	1.5
2002	13.5	5.5	10.5	4.8	3.5
2003	15.0	12.01	12.9	7.5	4.0
2004	20.5	12.6	14.3	9.2	9.5
2005	30.35	16.5	16.5	18.5	10.5
2006	54.0	18.5	20.6	16.9	12.9

What was the approximate percentage increase in the semester fees of B.Pharm in the year 2003 compared to the previous year?

Options :

1. 22
2. 23
3. 25
4. 28

Question Number : 56 Question Id : 6232174039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The following table gives the semester-fees (in thousand ₹) for five courses in different years in a university. Study the following table carefully and answer the question given below it.

Course \ Year	B.Tech	B.Ed	B.Pharm	M.B.A.	M.Sc
2001	10.5	5.4	7.0	4.5	1.5
2002	13.5	5.5	10.5	4.8	3.5
2003	15.0	12.01	12.9	7.5	4.0
2004	20.5	12.6	14.3	9.2	9.5
2005	30.35	16.5	16.5	18.5	10.5
2006	54.0	18.5	20.6	16.9	12.9

The semester fees charged for MBA course in the year 2003 was approximately what percent of the semester fees charged for B.Ed in the year 2005?

Options :

1. 42%

2. 43%

3. 45%

4. 48%

Question Number : 57 Question Id : 6232174040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The following table gives the semester-fees (in thousand ₹) for five courses in different years in a university. Study the following table carefully and answer the question given below it.

Course \ Year	B.Tech	B.Ed	B.Pharm	M.B.A.	M.Sc
2001	10.5	5.4	7.0	4.5	1.5
2002	13.5	5.5	10.5	4.8	3.5
2003	15.0	12.01	12.9	7.5	4.0
2004	20.5	12.6	14.3	9.2	9.5
2005	30.35	16.5	16.5	18.5	10.5
2006	54.0	18.5	20.6	16.9	12.9

What was the difference between the total semester fees charged for M.Sc over all the years together and the fees charged for all the courses in the year 2005?

Options :

1. ₹ 46,900

2. ₹ 47,800

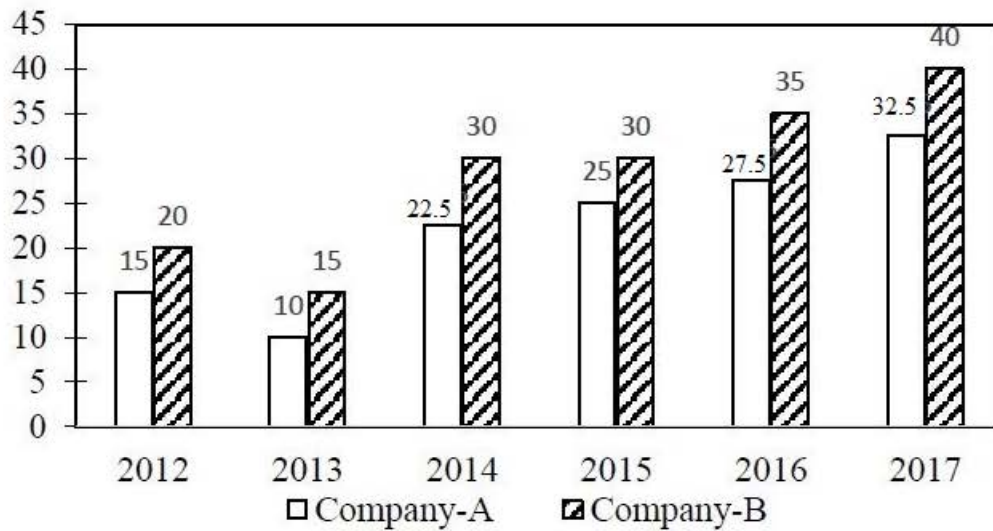
3. ₹ 48,400

4. ₹ 50,600

Question Number : 58 Question Id : 6232174041 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 employees in company A and company B during 2012 to 2017. Study this graph carefully to answer the question given below.



The number of employees of company B in 2016 is approximately what percentage of the total number of employees in company B in all the years together?

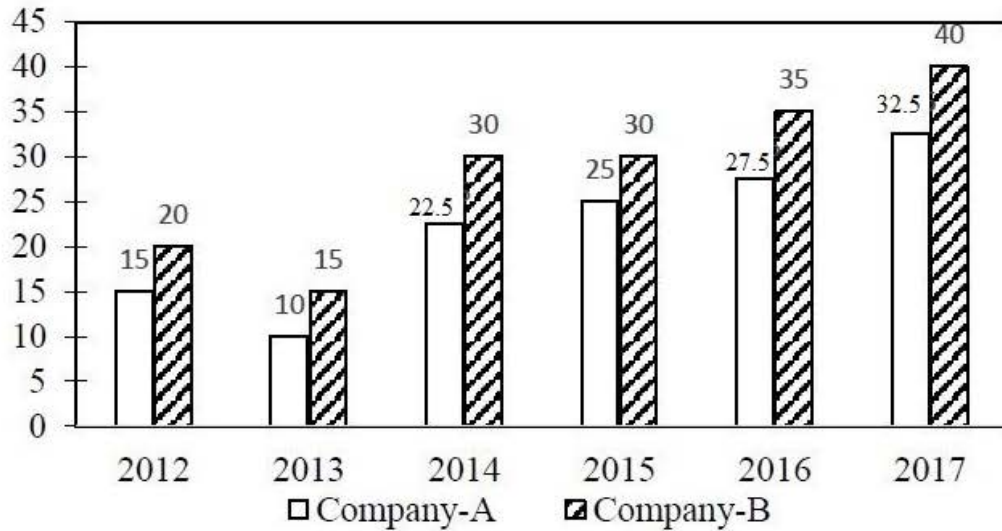
Options :

1. 19%
2. 21%
3. 18%
4. 24%

Question Number : 59 Question Id : 6232174042 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 employees in company A and company B during 2012 to 2017. Study this graph carefully to answer the question given below.



What is the percentage increase in the number of employees in company B from 2013 to 2014?

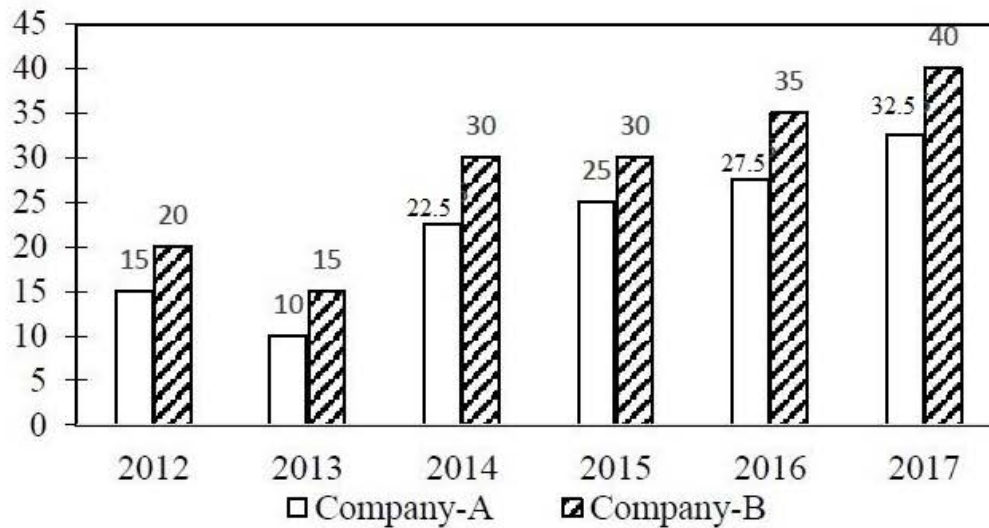
Options :

1. 100%
2. 98%
3. 95%
4. 87%

Question Number : 60 Question Id : 6232174043 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 employees in company A and company B during 2012 to 2017. Study this graph carefully to answer the question given below.



If 25% employees of company B in 2017 are females and 20% employees of company A in 2015 are males then what is the ratio of the number of male employees of company B in 2017 to that of female employees of company A in 2015?

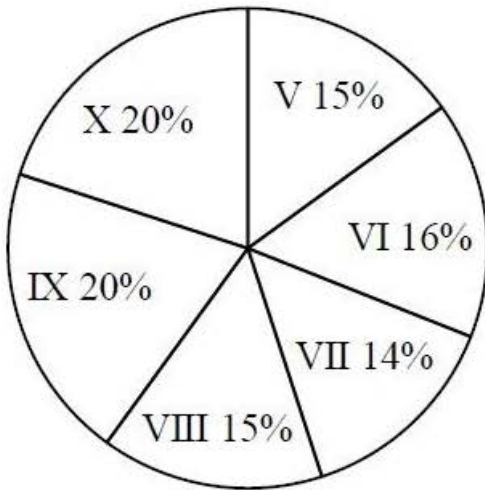
Options :

1. 4:3
2. 2:3
3. 3:2
4. 4:7

Question Number : 61 Question Id : 6232174044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Study the following pie-chart and table carefully to answer the question given below. Total number of students in different standards = 5,500.



Ratio of the number of boys to that of girls	
Standard	Boys : Girls
V	3:2
VI	3:1
VII	4:3
VIII	2:3
IX	7:3
X	2:3

What is the difference between the total number of boys and the total number of girls studying in all the standards together?

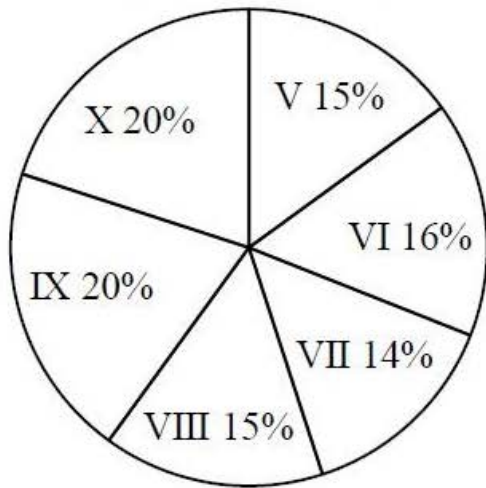
Options :

1. 835
2. 795
3. 770
4. 650

Question Number : 62 Question Id : 6232174045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0



Study the following pie-chart and table carefully to answer the question given below. Total number of students in different standards = 5,500.



**Ratio of the number of boys to that of girls**

Standard	Boys : Girls
V	3:2
VI	3:1
VII	4:3
VIII	2:3
IX	7:3
X	2:3

The total number of boys in standard VI and VII together is approximately what percent of the total number of boys in all the standards together?

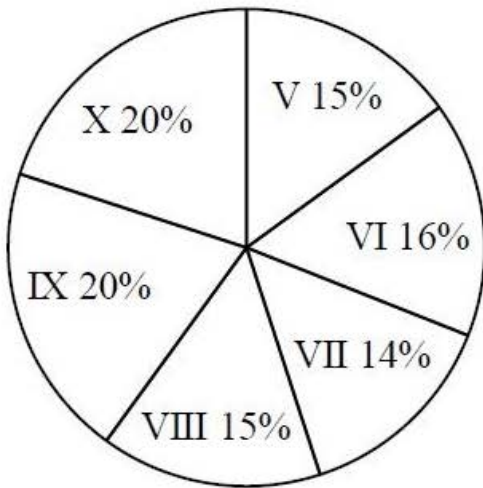
Options :

1. 47%
2. 42%
3. 38%
4. 35%

Question Number : 63 Question Id : 6232174046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Study the following pie-chart and table carefully to answer the question given below. Total number of students in different standards = 5,500.



Ratio of the number of boys to that of girls	
Standard	Boys : Girls
V	3:2
VI	3:1
VII	4:3
VIII	2:3
IX	7:3
X	2:3

What is the difference between the total number of boys in standard VII and IX together and the total number of girls in standards V and VI together?

Options :

1. 660
2. 640
3. 580
4. 550

Sub-Section Number: 5  
Sub-Section Id: 623217137  
Question Shuffling Allowed : Yes

Question Number : 64 Question Id : 6232174047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The letter that normally represents the floppy disc in an operating system is

Options :

1. A
2. C

3. D

4. E

Question Number : 65 Question Id : 6232174048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A temporary storage area that is attached to the CPU for I/O operations, is a

Options :

1. Channel

2. Buffer

3. Register

4. Core

Question Number : 66 Question Id : 6232174049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

When an image is copied, it first goes to the

Options :

1. Clipboard

2. My document

3. Recycle bin

4. Clip art

Question Number : 67 Question Id : 6232174050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What is the name for a webpage address?

Options :

1. Directory
2. Protocol
3. URL
4. Domain

Question Number : 68 Question Id : 6232174051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The command that enables the user to save a previously saved document under a new name is

Options :

1. rename
2. save
3. save as
4. new

Question Number : 69 Question Id : 6232174052 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 an optical disc?

Options :

1. Magnetic disc
2. Memory disc

3. Data bus disc

4. Digital versatile disc

Question Number : 70 Question Id : 6232174053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The software used to enhance teaching and learning through the use of pictures, video and sound is

Options :

1. network software

2. utility software

3. programming software

4. multimedia software

Question Number : 71 Question Id : 6232174054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

A parallel port is most often used by a

Options :

1. Mouse

2. Monitor

3. Printer

4. External storage device

Question Number : 72 Question Id : 6232174055 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 devices has the largest storage capacity?

Options :

1. Compact disc
2. Hard disk
3. Floppy disk
4. Digital versatile disk

Question Number : 73 Question Id : 6232174056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

For maintenance of ecological balance, what percentage of land area should remain covered by forest?

Options :

1. 33%
2. 5%
3. 10%
4. 30%

Question Number : 74 Question Id : 6232174057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The full form of BOD is

Options :

1. Biological Oxygen Demand
2. Bacterial Oxygen Demand

3. Botanical Oxygen Demand

4. Biodiversity Oxide Demand

Question Number : 75 Question Id : 6232174058 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 a radioactive element?

Options :

1. Argon

2. Cobalt

3. Uranium

4. Platinum

Question Number : 76 Question Id : 6232174059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which month the world environmental day is celebrated every year?

Options :

1. August

2. September

3. June

4. July

Question Number : 77 Question Id : 6232174060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The following is decreased by deforestation.

Options :

1. Global warming
2. Rainfall
3. Soil erosion
4. Draught

Question Number : 78 Question Id : 6232174061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The units used for measuring the thickness of stratospheric ozone layer are

Options :

1. Candella units
2. Molson units
3. Sieverts units
4. Donson units

Question Number : 79 Question Id : 6232174062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Kanha National Park is located at

Options :

1. Bihar
2. Uttal Pradesh
3. Madhya Pradesh



## Uttara Kand

4.

Question Number : 80 Question Id : 6232174063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Biogas generation is mainly based on the principle of

Options :

1. Fermentation

1.

2. Degradation

2.

3. Purification

3.

4. Sedimentation

4.

Question Number : 81 Question Id : 6232174064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Incineration of Municipal waste involves

Options :

1. Deduction

1.

2. Redox action

2.

3. Oxidation

3.

4. Polarisation

4.

Question Number : 82 Question Id : 6232174065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The education cess introduced in the year 2000 will be collected from

Options :

1. Proper tax
2. Commercial tax
3. Sales tax
4. Income tax

Question Number : 83 Question Id : 6232174066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

The concept of “Westernization” brought out in sociology of education by M.N. Srinivas in the year

Options :

1. 1966
2. 1957
3. 1952
4. 1962

Question Number : 84 Question Id : 6232174067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

The World Bank has provided six indicators to measure empowerment in which one among them is related to education in terms of

Options :

1. Commerce assets
2. Human assets

Management assets

3.

Benefit-cost assets

4.

Question Number : 85 Question Id : 6232174068 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 committee viewed education is a profitable market?

Options :

Sam Pretroda Committee

1.

Ambani-Birla Committee

2.

Rama Murthy Committee

3.

Janarthana Reddy Committee

4.

Question Number : 86 Question Id : 6232174069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

‘Vinaya’ in Vedic education means

Options :

Knowledge

1.

Action

2.

Revelation

3.

Promotion

4.

Question Number : 87 Question Id : 6232174070 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 teaching method 'Nidhidhyasana' means

Options :

1. Thinking
2. Hearing
3. Revelation
4. Promotion

Question Number : 88 Question Id : 6232174071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The Wardha Conference held in 1937 to provide free and compulsory education up to \_\_\_\_\_.

Options :

1. 8 years
2. 7 years
3. 12 years
4. 14 years

Question Number : 89 Question Id : 6232174072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In medieval India the schools meant for girls are called

Options :

1. Zenanas
2. Tols

3. Pathasalas

4. Ashramas

Question Number : 90 Question Id : 6232174073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In Ancient Education the learning of a student is based on

Options :

1. Learning by doing

2. Learning by observation

3. Learning by self

4. Learning by mistakes

#### POPULATION STUDIES

Section Id :	62321746
Section Number :	2
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	90
Number of Questions to be attempted:	90
Section Marks:	90
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	623217138
Question Shuffling Allowed :	Yes

Question Number : 91 Question Id : 6232174074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Who is considered as the father of Demography or population studies?

Options :

1. John Graunt

2. Johann Peter Susmilch

3. Benjamin Franklin

4. None of the other options

Question Number : 92 Question Id : 6232174075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, was the national family planning programme launched in India?

Options :

1. 1951

2. 1952

3. 1958

4. 1947

Question Number : 93 Question Id : 6232174076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year did the National Sample Survey (NSS) started collecting data on birth and death rates and population growth rates?

Options :

1. 1947 – 50

2. 1950 – 53

3. 1957 – 58

4. 1958 – 59

Question Number : 94 Question Id : 6232174077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, was Indian Association for the Study of Population (IASP) established?

Options :

1. 1952

2. 1972

3. 1962

4. 1955

Question Number : 95 Question Id : 6232174078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, was the responsibility of registration of births and death in India, given to the Registrar General or Census Commissioner of India?

Options :

1. 1960

2. 1946

1970

3.

1969

4.

Question Number : 96 Question Id : 6232174079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, was the first round of National Family Health Survey (NFHS) carried out?

Options :

1990 - 91

1.

1985 - 96

2.

1992 - 93

3.

Non of the other options

4.

Question Number : 97 Question Id : 6232174080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which year is considered as the year of great divide with respect to increase in India's population?

Options :

1911

1.

1901

2.

1921

3.



4. 1931

Question Number : 98 Question Id : 6232174081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What was the overall sex ratio in India in 1951?

Options :

1. 105.7

2. 105.8

3. 105.5

4. 108.2

Question Number : 99 Question Id : 6232174082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What was the main factor responsible for the numerical deficit of females in India till 1991?

Options :

1. Male migration

2. Excessive female mortality

3. Female migration

4. None of the other options

Question Number : 100 Question Id : 6232174083 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 an endogenous factor effecting infant mortality?

Options :

1. Age of mother

2. Birth weight

3. Economic situation

4. Birth order

Question Number : 101 Question Id : 6232174084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which organisation has prepared a manual on international statistical classification of diseases, injuries and causes of death?

Options :

1. UNICEF

2. WHO

3. UNFPA

4. International Red Cross

Question Number : 102 Question Id : 6232174085 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 mainly responsible for rapid decline in mortality of many developing counties after the second world war?

Options :

1. Economic development
2. Industrial revolution
3. Public health and disease control measures
4. Decline in fertility

Question Number : 103 Question Id : 6232174086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Who has propounded the theory of change and response?

Options :

1. Bongarts
2. Kingsley Davis
3. John Kondel
4. Carlsson

Question Number : 104 Question Id : 6232174087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Who developed the theory of inter generational wealth flow?

Options :

1. JC Caldwell

2. Rabulatao

3. R Lee

4. None of the other options

Question Number : 105 Question Id : 6232174088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Since which year did Indian census adopt a rigorous definition of urban ?

Options :

1. 1951

2. 1971

3. 1961

4. 1981

Question Number : 106 Question Id : 6232174089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which Indian census provided slum population for cities / towns with a population of 50,000 or more for the first time?

Options :

1. 2001

2. 1991

3. 1971

1981

4.

Question Number : 107 Question Id : 6232174090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Who outlined the 3 principal features of any population policy?

Options :

John Simons

1.

Lena Johnson

2.

Judit Blake

3.

Berelson

4.

Question Number : 108 Question Id : 6232174091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In which year was population division established by the UN Department of Economic and Social Affairs ?

Options :

1949

1.

1965

2.

1955

3.

1945

4.

Question Number : 109 Question Id : 6232174092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In which year was the first World population conference convened by the United Nations?

Options :

1. 1965
2. 1954
3. 1974
4. 1984

Question Number : 110 Question Id : 6232174093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year was the International Conference on Population and Development (ICPD) held?

Options :

1. 1984
2. 1991
3. 1985
4. 1994

Question Number : 111 Question Id : 6232174094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

When was the first vasectomy camp organised in India?

Options :

1. 1971

2. 1970

3. 1961

4. 1972

Question Number : 112 Question Id : 6232174095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, was the child survival and safe motherhood programme initiated?

Options :

1. 1885 – 86

2. 1992 – 93

3. 1995 – 96

4. 1998 – 99

Question Number : 113 Question Id : 6232174096 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 data sources has dual recording system of vital events?

Options :

1. Census

2. SRS

3. NSS

None of the other options

4.

Question Number : 114 Question Id : 6232174097 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 methods requires age specific fertility rates for population projection?

Options :

Component method

1.

Gompertz method

2.

Exponential population growth method

3.

None of the other options

4.

Question Number : 115 Question Id : 6232174098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The interval between survey point and last birth is called as :

Options :

Open birth interval

1.

Forward birth interval

2.

First birth interval

3.

Inter live birth interval

4.



Question Number : 116 Question Id : 6232174099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Geographical setting may pose a threat in the event of

Options :

1. Congestion
2. Natural Calamities like floods and earthquakes
3. Pollution
4. Settlement density

Question Number : 117 Question Id : 6232174100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Cities located on smaller rivers are likely to face the threat of

Options :

1. Floods
2. Flash floods
3. Urban sprawl
4. Transportation

Question Number : 118 Question Id : 6232174101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which was the nodal agency for conducting National Family Health Survey in India?

Options :

1. National Institute of Health and Family Welfare
2. International Institute for Population Sciences
3. National Institute of Nutrition
4. Tata Institute of Social Sciences

Question Number : 119 Question Id : 6232174102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What is the source for calculating Below Poverty Line (BPL) in India?

Options :

1. Census
2. National Sample Survey
3. Sample Registration System
4. National Family Health Survey

Question Number : 120 Question Id : 6232174103 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 correct combination of full child immunization coverage?

Options :

1. BCG + Polio + DPT + Measles
2. BCG + 3 Polio + At least one DPT + Measles

3. BCG + At least one Polio + At least one DPT + Measles
4. BCG + 3 Polio + 3 DPT + Measles

Question Number : 121 Question Id : 6232174104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What is the data requirement to calculate the neo-natal mortality in the year 2018?

Options :

1. Deaths in the first month of life and births in the year 2018
2. Deaths in the first year of life in 2018 and births in the year 2018
3. Deaths in the 1 – 11 months of life in 2018 and births in the year 2018
4. Deaths from the 7th month of pregnancy to first month of life in 2018 and births in the year 2018

Question Number : 122 Question Id : 6232174105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

With the life table notation the expectation of life at age 15 is \_\_\_\_\_

Options :

1.  $L_{15} / I_{15}$

2.  $T_{15} / I_{15}$

3.  $T_{15} / L_{15}$

4. None of the other options

Question Number : 123 Question Id : 6232174106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

How many of the eight Millennium Development Goals (MDGs) relate to the health sector?

Options :

1. One

2. Two

3. Three

4. Four

Question Number : 124 Question Id : 6232174107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

For estimation of Cingulate Mean Age of marriage using Hajnal's method, which of the following assumptions is correct?

Options :

1. Both fertility and mortality have remained constant in past

2. Marriage has remained constant in past

3. Fertility has been constant in past

4. Mortality has been constant in past

Question Number : 125 Question Id : 6232174108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Disease burden is measured using which of the following

Options :

1. Mortality adjusted life years

2. Premature deaths

3. Mortality-fertility ratio

4. Disability adjusted life years

Question Number : 126 Question Id : 6232174109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In case of a stationary population, population growth is :

Options :

1. Increasing

2. Decreasing

3. Zero

4. 100 %

Question Number : 127 Question Id : 6232174110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Janani Suraksha Yojana (JSY) is a scheme of which national programme?

Options :

1. ICDS (Integrated Child Development Scheme)

2. NRHM (National Rural Health Mission)

3. NNM (National Nutrition Mission)

4. None of the other options

Question Number : 128 Question Id : 6232174111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The probability that a newly born baby will survive infinite years is \_\_\_\_\_

Options :

1. 1

2. 0.5

3. Infinite

4. 0

Question Number : 129 Question Id : 6232174112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In a population, in which of the following situations, GRR will be equal to NRR?

Options :

1. Population growth rate is zero
2. No mortality
3. Population is at the replacement level
4. Population is closed to migration

Question Number : 130 Question Id : 6232174113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

For computation of General Marital Fertility Rate (GMFR), denominator is

Options :

1. All the currently married females
2. Ever married females in the reproductive age group
3. All the female population in the reproductive age group
4. Currently married female population in the reproductive Age group

Question Number : 131 Question Id : 6232174114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If death rate of a stationary population is 10 per thousand, then its life expectancy would be

Options :

1. 10 years
2. 50 years
3. 75 years
4. 100 years

Question Number : 132 Question Id : 6232174115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

One of the goals of National Population Policy – 2000 was to bring down the infant mortality rate to :

Options :

1. 15 per 1000 live births
2. 20 per 1000 live births
3. 25 per 1000 live births
4. 30 per 1000 live births

Question Number : 133 Question Id : 6232174116 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 direct measure of migration?

Options :

1. Balancing Equation Method
2. Place of Birth Method



## Survival Ratio Method

3.

## National Population Growth Method

4.

Question Number : 134 Question Id : 6232174117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Who is associated with the Theory of Demographic Transition?

Options :

1. Thompson

1.

2. Landry

2.

3. Zelinsky

3.

4. Notestein

4.

Question Number : 135 Question Id : 6232174118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Who stated that "... food is necessary to the existence of man" and "the passion between sexes is necessary and will remain in its present state."?

Options :

1. Garrett Hardin

1.

2. T.R. Malthus

2.

3. Karl Marx

3.

4. J.S. Mill

4.

Question Number : 136 Question Id : 6232174119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The interval between menarche and attainment of full biological maturity is :

Options :

1. Primary sterility
2. Adolescent sterility
3. Secondary sterility
4. Menopause

Question Number : 137 Question Id : 6232174120 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 not a spacing method of family planning?

Options :

1. Barrier Method
2. Hormonal Method
3. Vasectomy
4. Intra-uterine Device (IUD)

Question Number : 138 Question Id : 6232174121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which Census onwards 0-6 age group is considered as illiterate population in India?

Options :

1. 1981

2. 1991

3. 2001

4. 2011

Question Number : 139 Question Id : 6232174122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Of the following states, which has the highest percentage decadal growth rate during 2001 – 2011?

Options :

1. Arunachal Pradesh

2. Bihar

3. Rajasthan

4. Madhya Pradesh

Question Number : 140 Question Id : 6232174123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

As per 2011 Census of India, what was the overall sex ratio at the national level ?

Options :

1. 820

2. 840

3. 920

4. 940

Question Number : 141 Question Id : 6232174124 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 measures was used by 'Rele' for fertility estimation?

Options :

1. Reverse Survival Method

2. Child Woman Ratio

3. Parity Ratio Method of Fertility

4. P/F Ratio

Question Number : 142 Question Id : 6232174125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Arrange the following States in descending order based on child sex ratio according to 2011 Census?

(i) Maharashtra (ii) Gujarat (iii) Manipur (iv) Andhra Pradesh

Options :

1. (iv), (iii), (i), (ii)

2. (ii), (iii), (i), (iv)

3. (iii), (i), (ii), (iv)

4. (iv), (i), (iii), (iv)

Question Number : 143 Question Id : 6232174126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In intermediate variables frame work developed by Davis and Blake, which among the following is not "Intercourse variable"?

Options :

Age of entry into sexual union

1. Permanent Celibacy: Proportion of women never entering  
sexual union

2.

3. When unions are broken by divorce, separation or desertion

4. Foetal mortality from involuntary causes

Question Number : 144 Question Id : 6232174127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If sex ratio of birth is constant at 1.05, Gross Reproduction Rate (GRR) can be calculated using Total Fertility Rate (TFR) using the formula :

Options :

1.  $GRR = (1.00 \text{ TFR}) / 1.05$

2.  $GRR = 1.00 / (1.05 \text{ TFR})$

3.  $GRR = (1.00 \text{ TFR}) / 2.05$

$$GRR = 1.00 / (2.05 \text{ TFR})$$

4.

Question Number : 145 Question Id : 6232174128 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If country X has a higher life expectancy than country Y, but X has higher crude death rate, it is likely that

Options :

1. X's population is younger than that of Y

2. X's population is older than that of Y

3. X's population has a high infant mortality rate

4. None of the other options

Question Number : 146 Question Id : 6232174129 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 measure of socio-economic status?

Options :

1. Physical Quality of Life Index

2. Human Development Index

3. Gender Empowerment Measure

4. Body Mass Index

Question Number : 147 Question Id : 6232174130 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, the Government of India launched the Reproductive and Child Health (RCH) Programme?

Options :

1. 1994
2. 1995
3. 1996
4. 1993

Question Number : 148 Question Id : 6232174131 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 countries is promoting larger families because of ageing population and low fertility rate?

Options :

1. India
2. France
3. United States of America
4. China

Question Number : 149 Question Id : 6232174132 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year, did the Government of India launch the National Rural Health Mission?

Options :

1. 2005

2. 2001

3. 1995

4. 2015

Question Number : 150 Question Id : 6232174133 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The Sustainable Development Agenda has how many goals?

Options :

1. 21

2. 7

3. 17

4. 10

Question Number : 151 Question Id : 6232174134 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which round of NFHS provided district level estimates for the first time?

Options :

1. NFHS 1

2. NFHS 2

3. NFHS 3

4. NFHS 4



Question Number : 152 Question Id : 6232174135 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which institute was the nodal agency for Global Adult Tobacco Survey 2<sup>nd</sup> round ?

Options :

1. IIPS

2. NCAER

3. ICMR

4. TISS

Question Number : 153 Question Id : 6232174136 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which was the age group covered by the Comprehensive National Nutrition Survey of UNICEF ?

Options :

1. 0-5 years

2. 1- 14 years

3. 0-19 years

4. 10-19 years

Question Number : 154 Question Id : 6232174137 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What was the full immunisation coverage for children at the national level, as per NFHS 4?

Options :

1. 52%
2. 62%
3. 55%
4. 65%

Question Number : 155 Question Id : 6232174138 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Poshan Abhiyan aims at making India malnutrition free by which year?

Options :

1. 2025
2. 2020
3. 2022
4. 2021

Question Number : 156 Question Id : 6232174139 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What was the total fertility rate of India , as per NFHS 4?

Options :

1. 1.8

2. 2.0

3. 2.2

4. 2.1

Question Number : 157 Question Id : 6232174140 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

What was the median age at first marriage for women as per NFHS 4?

Options :

1. 18.2

2. 19.3

3. 17.5

4. 20.1

Question Number : 158 Question Id : 6232174141 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

As per NFHS 4, which of the Indian states recorded the highest level of infant mortality?

Options :

1. Bihar

2. Madhya Pradesh

3. Rajasthan

# Uttar Pradesh

4.

Question Number : 159 Question Id : 6232174142 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

As per NFHS 4, what proportion of children below 5 years were under weight at the national level?

Options :

1. 40%

2. 25%

3. 50%

4. 36%

Question Number : 160 Question Id : 6232174143 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Which statistical test can be used to test the association between education and age at marriage?

Options :

1. t test

2. Z test

3. Chi square test

4. F test

Question Number : 161 Question Id : 6232174144 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

# What is population momentum?

Options :

1. Tendency of a population to continue to decline after replacement level of fertility has been achieved
2. Tendency of a population to continue to grow after replacement level of fertility has been achieved
3. Tendency of population to move up and down after reaching replacement level of fertility
4. It is same as population stabilization

Question Number : 162 Question Id : 6232174145 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 helps in formulating research problem and developing hypothesis?

Options :

1. Experimental research
2. Historical research
3. Descriptive research
4. Exploratory research

Question Number : 163 Question Id : 6232174146 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 part of the evaluation research ?

Options :

1. Concurrent evaluation
2. Periodic evaluation
3. Terminal evaluation
4. None of the other options

Question Number : 164 Question Id : 6232174147 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 a disadvantage with census method of data collection?

Options :

1. Reliability
2. Free from sampling errors
3. Detailed information
4. More time and money required

Question Number : 165 Question Id : 6232174148 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 a nonprobability sampling method?

Options :

1. Sequential sampling

2. Quota sampling

3. Simple random sampling with replacement

4. None of the other options

Question Number : 166 Question Id : 6232174149 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 can be reduced by increasing the sample size?

Options :

1. Non sampling error

2. Sampling error

3. Both Non sampling and sampling error

4. None of the other options

Question Number : 167 Question Id : 6232174150 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

The correlation coefficient always varies from \_\_\_\_ to \_\_\_\_

Options :

1. 0 to 1

2. -1 to 0

3. -1 to +1

None of the other options

4.

Question Number : 168 Question Id : 6232174151 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If the correlation coefficient between TV exposure and age at marriage is 0, what would be your conclusion?

Options :

1. TV exposure and age at marriage are not related

2. TV exposure and age at marriage are highly related

3. TV exposure and age at marriage are moderately related

None of the other options

4.

Question Number : 169 Question Id : 6232174152 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

If you have the data on number of children attacked and not attacked by a disease classified by vaccination status of the child, which of the following can be used to test the hypothesis : vaccination and attacked by disease are independent?

Options :

1. Chi-square test

2. t test

3. f test



## None of the other options

4.

Question Number : 170 Question Id : 6232174153 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 test is based on the normal probability distribution?

Options :

t test

1.

f test

2.

Chi-square

3.

z test

4.

Question Number : 171 Question Id : 6232174154 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Acknowledgement in the report is desirable in which of the following cases?

Options :

A fact which we would ordinarily not be expected to know

1.

An unusual or distinguish idea or argument or theory

2.

An opinion that is an idea unsupported by adequate evidence

3.

None of the other options

4.

Question Number : 172 Question Id : 6232174155 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

Name the author of "Migration, Unemployment and Development : A Two Sector Analysis"?

Options :

1. W Arthur Lewis
2. Standing Guy
3. J R Harris and P M Todaro
4. Everett Lee

Question Number : 173 Question Id : 6232174156 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

Who is the author of "A theory of migration"?

Options :

1. Standing Guy
2. W Arthur Lewis
3. Everett Lee
4. J R Harris and P M Todaro

Question Number : 174 Question Id : 6232174157 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

If the research study involves interviews with children below 18 years, which of the following ethical practice is to be adopted?

Options :

1. Consent from Parents and Assent from Children
2. Consent from Parents
3. Consent from Children
4. Assent from Parents

Question Number : 175 Question Id : 6232174158 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 surveys is a longitudinal study?

Options :

1. Global Adult Tobacco Survey
2. National Family Health Survey
3. Longitudinal Ageing survey of India
4. None of the other options

Question Number : 176 Question Id : 6232174159 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

in which year was national malaria control programme launched in India?

Options :

1. 1953
2. 1948

3. 1961

4. 1964

Question Number : 177 Question Id : 6232174160 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical  
Wrong Marks : 0

In which year was the National AIDS control programme launched in India?

Options :

1. 1985

2. 1987

3. 1991

4. 1994

Question Number : 178 Question Id : 6232174161 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 was a long term objective of the National Population Policy 2000?

Options :

1. To achieve a stable population by 2045

2. To achieve a stable population by 2020

3. To achieve a stable population by 2030

None of the other options

4.

Question Number : 179 Question Id : 6232174162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

In which year was Child Survey and Safe Motherhood (CSSM) programme launched?

Options :

1985 -1986

1.

1992 -1993

2.

1995 -1996

3.

2000 -2001

4.

Question Number : 180 Question Id : 6232174163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes  
Single Line Question Option : No Option Orientation : Vertical

Wrong Marks : 0

When was Swachh Bharat Mission launched in India?

Options :

2014

1.

2005

2.

2000

3.

2019

4.