

# NTA UGC NET AUG 2024 21st Aug to 04th Sep 2024

Application No	
Candidate Name	
Roll No.	
Test Date	30/08/2024
Test Time	3:00 PM - 6:00 PM
Subject	58 Law

Section : **General Paper**

## Comprehension:

The following tables shows the number of employees working in six different Offices (A-F) of an IT Company during the years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

Year-wise Details of employees of an IT Company						
Year	Number of Employees working in office					
	A	B	C	D	E	F
2018	290	176	222	240	280	272
2019	256	152	240	224	304	264
2020	272	192	264	248	316	280
2021	366	184	250	270	332	252
2022	320	214	280	236	340	292
2023	300	226	296	258	348	300

### SubQuestion No : 1

**Q.1** For all the six given years, the difference between the average number of employees working in office-D and office-E is

1. 74
2. 66
3. 72
4. 70

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313145**

Option 1 ID : **34212351205**

Option 2 ID : **34212351206**

Option 3 ID : **34212351207**

Option 4 ID : **34212351208**

Status : **Answered**

Chosen Option : **1**

**Comprehension:**

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2023	300	226	296	258	348	300

**SubQuestion No : 2****Q.2**

In the year 2020, the number of employee working in office-C is approximately \_\_\_\_\_% less than the total number of employees working in all the six offices together.

1. 81
2. 86
3. 28
4. 83

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**Question ID : **34212313144**Option 1 ID : **34212351201**Option 2 ID : **34212351202**Option 3 ID : **34212351203**Option 4 ID : **34212351204**Status : **Answered**Chosen Option : **1**

**Comprehension:**

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**SubQuestion No : 3****Q.3**

In office-F, the percentage increase in the number of employees in comparison to previous year is more than 6% for exactly -----years(s)

1. 1
2. 2
3. 3
4. 4

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**Question ID : **34212313146**Option 1 ID : **34212351209**Option 2 ID : **34212351210**Option 3 ID : **34212351211**Option 4 ID : **34212351212**Status : **Answered**Chosen Option : **2**

**Comprehension:**

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**SubQuestion No : 4****Q.4**

In the years 2018 and 2019, the ratio between the number of employees working in all the six offices together is

1. 13:11
2. 13:14
3. 37:36
4. 4:3

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**Question ID : **34212313148**Option 1 ID : **34212351217**Option 2 ID : **34212351218**Option 3 ID : **34212351219**Option 4 ID : **34212351220**Status : **Answered**Chosen Option : **3**

**Comprehension:**

The following tables shows the number of employees working in six different Offices (A-F) of an IT Company during the years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

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2022	320	214	280	236	340	292
2023	300	226	296	258	348	300

**SubQuestion No : 5****Q.5**

For all the six given years, what is the ratio of total number of employees working in Office- A to that in office-B?

1. 2:1
2. 41:26
3. 19:11
4. 11:19

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**Question ID : **34212313147**Option 1 ID : **34212351213**Option 2 ID : **34212351214**Option 3 ID : **34212351215**Option 4 ID : **34212351216**Status : **Answered**Chosen Option : **4****Q.6**

Which of the following pair of acronym and its expansion is incorrectly matched?

1. MIDI- Musical Instrument Digital Interchange
2. LED- Light Emitting Diode
3. MPEG- Motion Pictures Experts Group
4. PDF- Portable Document Format

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**Question ID : **34212313175**Option 1 ID : **34212351325**Option 2 ID : **34212351326**Option 3 ID : **34212351327**Option 4 ID : **34212351328**Status : **Answered**Chosen Option : **1**

Q.7

निम्नलिखित किस तर्कदोषपूर्ण युक्ति में न्याय तर्क के अनुसार अप्रमाणित मध्य पद शामिल है

1. ध्वनि शाश्वत है क्योंकि यह उत्पन्न होती है।
2. अग्नि शीतल है इसलिए यह पदार्थ है।
3. आकाशकमल सुगंधित होता है क्योंकि वह झील के कमल के समान ही कमल होता है।
4. पहाड़ी अग्निमान है क्योंकि यह ज्ञेय है।

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313173**

Option 1 ID : **34212351317**

Option 2 ID : **34212351318**

Option 3 ID : **34212351319**

Option 4 ID : **34212351320**

Status : **Answered**

Chosen Option : **2**

Q.8

In self-directed learning which of the following are the key features of self- directed students?

- A. They have Intrinsic motivation.
- B. They have the capacity to choose personal goals.
- C. They have self- discipline.
- D. They have self- assessment ability.
- E. They have metacognitive skills.

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313150**

Option 1 ID : **34212351225**

Option 2 ID : **34212351226**

Option 3 ID : **34212351227**

Option 4 ID : **34212351228**

Status : **Answered**

Chosen Option : **4**

**Q.9**

Arrange the correlation coefficients computed from the following information on covariance i.e.  $\text{cov}(x,y)$  and standard deviation  $\sigma_x$  and  $\sigma_y$ , in increasing order.

- A.  $\text{cov}(x,y)=18, \sigma_x=4, \sigma_y=9$
- B.  $\text{cov}(x,y)=15, \sigma_x=8, \sigma_y=3$
- C.  $\text{cov}(x,y)=16, \sigma_x=7, \sigma_y=4$
- D.  $\text{cov}(x,y)=21, \sigma_x=6, \sigma_y=5$

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

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

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313157**

Option 1 ID : **34212351253**

Option 2 ID : **34212351254**

Option 3 ID : **34212351255**

Option 4 ID : **34212351256**

Status : **Answered**

Chosen Option : **2**

**Q.10**

साहित्य चोरी संबंधी विश्वविद्यालय अनुदान आयोग (यू जी सी) विनियम, 2018 के अनुसार शोध प्रबंध में निम्नलिखित में से कितने प्रतिशत समानता पाई जाने पर किसी छात्र को छह माह के भीतर संशोधित शोध प्रबंध प्रस्तुत करना होगा?

- 1. 9%
- 2. 13%
- 3. 42%
- 4. 47%

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313154**

Option 1 ID : **34212351241**

Option 2 ID : **34212351242**

Option 3 ID : **34212351243**

Option 4 ID : **34212351244**

Status : **Answered**

Chosen Option : **4**

Q.11

In a certain languages:

“Sun rises in the East” is coded as “ST SR SI SH SS”

“Sun sets in the West” is coded as “ST SE SI SH SU”

“Your house faces East” is coded as: “SN SM SA SS”

“His house faces West” is coded as: "SC SM SA SU"

How the words “East”, and “West” are coded in this languages respectively?

1. SR, SE
2. SS, SN
3. SS, SU
4. SN, SC

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313168**

Option 1 ID : **34212351297**

Option 2 ID : **34212351298**

Option 3 ID : **34212351299**

Option 4 ID : **34212351300**

Status : **Answered**

Chosen Option : **3**

Q.12

Find out the chronological order of the following British Authorities /Persons who took interest in higher education in India.

- A. Lord Curzon
- B. Lord Ripon
- C. Lord Canning
- D. Lord Dalhousis

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313187**

Option 1 ID : **34212351373**

Option 2 ID : **34212351374**

Option 3 ID : **34212351375**

Option 4 ID : **34212351376**

Status : **Answered**

Chosen Option : **1**



Q.13

Arrange the following in the order of decreasing connotation.

- A. Polygon
- B. Rectangle
- C. Geometry
- D. Square

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313171**

Option 1 ID : **34212351309**

Option 2 ID : **34212351310**

Option 3 ID : **34212351311**

Option 4 ID : **34212351312**

Status : **Answered**

Chosen Option : **2**

Q.14

Match the **List-I** with **List-II**

LIST I (Swayamprabha Channel Number)		LIST II (Theme)	
A.	Channel 10	I.	Professional Education
B.	Channel 11	II.	Basic and Applied sciences
C.	Channel 12	III.	Social Sciences and Humanities
D.	Channel 13	IV.	Applied Sciences

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313152**

Option 1 ID : **34212351233**

Option 2 ID : **34212351234**

Option 3 ID : **34212351235**

Option 4 ID : **34212351236**

Status : **Answered**

Chosen Option : 1

Q.15

The Anglo- Indian Vidyalaya (college) was founded in Calcutta in 1816 by

1. The Christian missionaries
2. The local government
3. The East India company
4. The people of Calcutta

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313184**

Option 1 ID : **34212351361**

Option 2 ID : **34212351362**

Option 3 ID : **34212351363**

Option 4 ID : **34212351364**

Status : **Answered**

Chosen Option : 3

**Q.16**

Which of the following *is/ are true*?

- A. The average of given data is less than the greatest observation and greater than the smallest observation of the given data.
- B. If the observations of a given data are equal, then the average of the data may or may not be same as the observations.
- C. If all the observations of a given data get increased by  $x$ , then their average is also increased by  $x$ .
- D. If all the observations of a given data are divided by  $x$ , then their average may or may not change.

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

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

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313165**

Option 1 ID : **34212351285**

Option 2 ID : **34212351286**

Option 3 ID : **34212351287**

Option 4 ID : **34212351288**

Status : **Answered**

Chosen Option : **3**

Q.17

इंटरनेट पोर्टल कार्य करते हैं-

- A. लोक मनोरंजनकर्ता के समान
- B. बड़ी संख्या में परिचालित होने वाली पत्रिकाओं के समान
- C. टी. वी. नेचवर्क के समान
- D. अधिसंचित पाठ्य सामग्री के स्थलों के समान
- E. प्रयोगकर्ताओं के मुख पृष्ठ (होम पेज) के समान

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

1. केवल A, B, C
2. केवल A, B, C, D
3. केवल A, C, D
4. केवल B, C, D, E

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313161**

Option 1 ID : **34212351269**

Option 2 ID : **34212351270**

Option 3 ID : **34212351271**

Option 4 ID : **34212351272**

Status : **Answered**

Chosen Option : **4**

Q.18

हैरलड इन्ड्रिस द्वारा चिह्नित स्थान अभिनत संचार मीडिया का कालक्रमिक अनुक्रम है:

- A. रेडियो
- B. टेलीविजन
- C. भोजपत्र (पपीरस)
- D. कागज
- E. समाचार पत्र

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

- 1. A, C, D, E, B
- 2. C, D, E, A, B
- 3. D, E, B, A, C
- 4. E, B, A, D, C

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313162**

Option 1 ID : **34212351273**

Option 2 ID : **34212351274**

Option 3 ID : **34212351275**

Option 4 ID : **34212351276**

Status : **Answered**

Chosen Option : **2**

Q.19

Match the **List-I** with **List-II**

LIST I (Concept)		LIST II (Meaning)	
A.	Frames	I.	Organized sub- culture
B.	Fandom	II.	The belief that people are duped into blindly accepting the prevailing ideology
C.	False consciousness	III.	A class of messages that share distinct characteristics
D.	Genre	IV.	Social constructs

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

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

Options 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313163**

Option 1 ID : **34212351277**

Option 2 ID : **34212351278**

Option 3 ID : **34212351279**

Option 4 ID : **34212351280**

Status : **Answered**

Chosen Option : **4**

**Q.20**

The numerator of a fraction is 4 less than its denominator. If the numerator is decreased by 2 and denominator is increased by 1, then the denominator becomes 8 times the numerator, find the fraction.

1.  $\frac{3}{7}$

2.  $\frac{3}{9}$

3.  $\frac{3}{8}$

4.  $\frac{2}{7}$

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313166**

Option 1 ID : **34212351289**

Option 2 ID : **34212351290**

Option 3 ID : **34212351291**

Option 4 ID : **34212351292**

Status : **Answered**

Chosen Option : 1

**Q.21**

The motivated forgetting of traumatic or other very threatening events is known as-

1. Repression

2. Proactive interference

3. Retroactive interference

4. Consolidation

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313151**

Option 1 ID : **34212351229**

Option 2 ID : **34212351230**

Option 3 ID : **34212351231**

Option 4 ID : **34212351232**

Status : **Answered**

Chosen Option : 3

Q.22

Which of the following are considered as air pollutants?

- A. Mist
- B. Soot
- C. Fog
- D. Smog
- E. Fly ash

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313183**

Option 1 ID : **34212351357**

Option 2 ID : **34212351358**

Option 3 ID : **34212351359**

Option 4 ID : **34212351360**

Status : **Answered**

Chosen Option : **2**

Q.23

Match the **List-I** with **List-II**

LIST I (Scale of measurement)		LIST II (Example of variable)	
A.	Nominal	I.	Weight of students
B.	Ordinal	II.	Ethnicity
C.	Interval	III.	Degree of annoyance
D.	Ratio	IV.	Date of birth

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

1. A-I, B-II, C-III, D-IV

2. A-II, B-III, C-IV, D-I

3. A-III, B-IV, C-I, D-II

4. A-IV, B-I, C-II, D-III

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313158**

Option 1 ID : **34212351257**

Option 2 ID : **34212351258**

Option 3 ID : **34212351259**

Option 4 ID : **34212351260**

Status : **Answered**

Chosen Option : **4**

Q.24

Which of the following is a software that locks data files and demands a monetary payment in exchange for unlocking?

1. Ransomware

2. Spyware

3. Logic Bomb

4. Trojan Horse

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313174**

Option 1 ID : **34212351321**

Option 2 ID : **34212351322**

Option 3 ID : **34212351323**

Option 4 ID : **34212351324**

Status : **Answered**

Chosen Option : **4**



Q.25

Match the **List-I** with **List-II**

LIST I (ICT Terms)		LIST II (Meaning)	
A.	Printer	I.	Volatile memory
B.	Scanner	II.	Processor
C.	RAM	III.	Output device
D.	CPU	IV.	Input device

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

1. A-II, B-III, C-IV, D-I

2. A-III, B-IV, C-I, D-II

3. A-I, B-II, C-IV, D-III

4. A-III, B-IV, C-II, D-I

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313178**

Option 1 ID : **34212351337**

Option 2 ID : **34212351338**

Option 3 ID : **34212351339**

Option 4 ID : **34212351340**

Status : **Answered**

Chosen Option : **2**

Q.26

ग्रीन मफलर का प्रयोग निम्नलिखित को कम करने के लिए किया जाता है:

1. वायु प्रदूषण
2. जल प्रदूषण
3. ध्वनि प्रदूषण
4. मृदा प्रदूषण

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 34212313179

Option 1 ID : 34212351341

Option 2 ID : 34212351342

Option 3 ID : 34212351343

Option 4 ID : 34212351344

Status : Answered

Chosen Option : 1

Q.27

सूची I के साथ सूची II का मिलान कीजिए

सूची I (न्याय वाक्य के अनुसार सदस्य)		सूची II (कथन)	
A.	उपनय	I.	जो भी मनुष्य है वह पाइथागोरस के समान नश्वर है
B.	निगमन	II.	सुकरात नश्वर है
C.	उदाहरण	III.	सुकरात एक व्यक्ति है जो निरपवाद रूप से नश्वर है
D.	प्रतिज्ञा	IV.	इसलिए सुकरात नश्वर है

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 34212313172

Option 1 ID : 34212351313

Option 2 ID : 34212351314

Option 3 ID : 34212351315

Option 4 ID : 34212351316

Status : Answered

Chosen Option : 2

**Q.28**

Which of the following countries were asked to reduce their green house emission by 5% below the level of 1990 by 2012 in Kyoto protocol?

- A. United States
- B. India
- C. Russia
- D. Canada
- E. China

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

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

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313181**

Option 1 ID : **34212351349**

Option 2 ID : **34212351350**

Option 3 ID : **34212351351**

Option 4 ID : **34212351352**

Status : **Answered**

Chosen Option : **3**

**Q.29**

Arrange the phases of Inquiry -based learning approach in a sequence from Phase I to Phase V

- A. Discussion
- B. Orientation
- C. Conceptualization
- D. Conclusion
- E. Investigation

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

- 1. A, B, C, D, E
- 2. E, A, D, B, C
- 3. B, C, E, D, A
- 4. B, E, A, C, D

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313149**

Option 1 ID : **34212351221**

Option 2 ID : **34212351222**

Option 3 ID : **34212351223**

Option 4 ID : **34212351224**

Status : **Answered**

Chosen Option : **4**

**Q.30**

A researcher conducts a study on a population and obtains some results. He now wants to generalize these results to a different population, For this, his measurements should show

1. External Validity
2. Internal Validity
3. Convergent Validity
4. Divergent Validity

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313155**

Option 1 ID : **34212351245**

Option 2 ID : **34212351246**

Option 3 ID : **34212351247**

Option 4 ID : **34212351248**

Status : **Answered**

Chosen Option : **1**

**Q.31**

The development of vitascope led to:

1. The silent film era
2. Video advertisements
3. The television network system
4. The arrival of computers

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313160**

Option 1 ID : **34212351265**

Option 2 ID : **34212351266**

Option 3 ID : **34212351267**

Option 4 ID : **34212351268**

Status : **Answered**

Chosen Option : **1**

**Q.32**

सिक्ख कन्या महाविद्यालय में सिंह सभा के निम्नलिखित किन सुप्रसिद्ध व्यक्तियों द्वारा लिखित पुस्तक पढ़ाई जाती थीं?

- A. माई वीर सिंह
- B. लाला देवराज
- C. हरनाम कौर
- D. भाई मोहनसिंह वैद

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

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

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313186**

Option 1 ID : **34212351369**

Option 2 ID : **34212351370**

Option 3 ID : **34212351371**

Option 4 ID : **34212351372**

Status : **Answered**

Chosen Option : **2**

**Q.33**

Which one of the following personalities advocated western education for Indians in the early nineteenth century?

- 1. Rajaram Mohan Roy
- 2. Lord Hardinge
- 3. Mahatma Gandhi
- 4. Rabindranath Tagore

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313185**

Option 1 ID : **34212351365**

Option 2 ID : **34212351366**

Option 3 ID : **34212351367**

Option 4 ID : **34212351368**

Status : **Answered**

Chosen Option : **2**

**Q.34** Which of the following tools would be most effective for a teacher wanting to poll students in real-time during an online lecture?

- A. Poll everywhere
- B. Labster
- C. Strawpoll
- D. Mentimeter
- E. Survey monkey

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

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

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313153**

Option 1 ID : **34212351237**

Option 2 ID : **34212351238**

Option 3 ID : **34212351239**

Option 4 ID : **34212351240**

Status : **Answered**

Chosen Option : **3**

**Q.35** If  $(L)_M$  represents a number L in base- M number system, then identify the correct descending order of the following numbers A-D when converted to decimal number system.

- A.  $(123)_7$
- B.  $(1211)_3$
- C.  $(212)_6$
- D.  $(201)_5$

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

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

**Options** 1. 1

- 2. 2
- 3. 3
- 4. 4

Question Type : **MCQ**

Question ID : **34212313176**

Option 1 ID : **34212351329**

Option 2 ID : **34212351330**

Option 3 ID : **34212351331**

Option 4 ID : **34212351332**

Status : **Answered**

Chosen Option : **4**

**Q.36**

A man sold an article at a profit of 6.5%. If he had sold the article for ₹ 1250 more, he would have earned a profit of 10%. What is the cost price of the article?

1. ₹ 1,0000
2. ₹ 10,500
3. ₹ 9,000
4. ₹ 9,500

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313167**

Option 1 ID : **34212351293**

Option 2 ID : **34212351294**

Option 3 ID : **34212351295**

Option 4 ID : **34212351296**

Status : **Answered**

Chosen Option : **2**

**Q.37**

Which of the following statements are true?

- A. Propositions or statements can be true or false.
- B. Propositions can be valid or invalid.
- C. A valid argument must contain only true premises.
- D. A valid argument must have a true conclusion.
- E. In a valid argument, if its premises are true, the conclusion cannot be false.

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

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

**Options** 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313170**

Option 1 ID : **34212351305**

Option 2 ID : **34212351306**

Option 3 ID : **34212351307**

Option 4 ID : **34212351308**

Status : **Answered**

Chosen Option : **4**

Q.38

“या तो तृतीय विश्व के लोगों की बलपूर्वक नसबंदी की जाय या विश्व की जनसंख्या में विस्फोट होगा और हम सभी लोग मर जाएंगे, हम निश्चित रूप से मरना नहीं चाहते इसलिए हमें तृतीय विश्व के लोगों की बलपूर्वक नसबंदी करनी चाहिए”। उपर्युक्त उक्ति में कौन-सा आनाकारिक तर्क दोष है?

1. अविचारित सामान्यीकरण
2. फिसलनयुक्त ढलान
3. असत्य द्विभाजन (फालस डाइकोटोमी)
4. व्यक्तिगत आक्षेप (एड होमिनेम)

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 34212313169

Option 1 ID : 34212351301

Option 2 ID : 34212351302

Option 3 ID : 34212351303

Option 4 ID : 34212351304

Status : Answered

Chosen Option : 1

Q.39

पर्यावरण के संदूषक तत्वों के जोखिम आँकलन का सही अनुक्रम क्या है?

- A. उदभासन आँकलन
- B. मात्रा अनुक्रिया आँकलन (डोज रेस्पॉस एसेसमेंट)
- C. जोखिम आँकलन
- D. संकट की पहचान
- E. जोखिम के लक्षण

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

1. D, A, B, E, C
2. D, A, B, C, E
3. C, E, D, B, A
4. E, C, B, A, D

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 34212313182

Option 1 ID : 34212351353

Option 2 ID : 34212351354

Option 3 ID : 34212351355

Option 4 ID : 34212351356

Status : Answered

Chosen Option : 1



Q.40

निम्नलिखित में से किसमें अधिकतम जैविक ऑक्सीजन माँग (बी ओ डी) होती है?

1. पेय जल
2. अप्रदूषित सतही जल
3. संदूषित सतही जल
4. नगर निगम के जल मल का बहिःस्राव

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313180**

Option 1 ID : **34212351345**

Option 2 ID : **34212351346**

Option 3 ID : **34212351347**

Option 4 ID : **34212351348**

Status : **Answered**

Chosen Option : **3**

Q.41

सूची I के साथ सूची II का मिलान कीजिए

सूची I (चिंतक)		सूची II (पुस्तक/ विषय)	
A.	भरत मुनि	I.	अष्टासंग्रह
B.	पतंजलि	II.	महामाष्य
C.	वाग्भट	III.	ब्रह्मस्फुट सिद्धान्त
D.	ब्रह्मगुप्त	IV.	नाट्यशास्त्र

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 34212313188

Option 1 ID : 34212351377

Option 2 ID : 34212351378

Option 3 ID : 34212351379

Option 4 ID : 34212351380

Status : Answered

Chosen Option : 3

Q.42

Which of the following software titles are examples of application software only?

- A. MS- Excel
- B. Android
- C. Adobe Photoshop
- D. iOS
- E. Windows- 11

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313177**

Option 1 ID : **34212351333**

Option 2 ID : **34212351334**

Option 3 ID : **34212351335**

Option 4 ID : **34212351336**

Status : **Answered**

Chosen Option : **3**

Q.43

Identify the correct statements regarding web- based study of human subjects

- A. It requires considerably more time per person than laboratory based study.
- B. Data collection occurs at the convenience of the participant.
- C. Data collection is automatic.
- D. It can be conducted on participants who would have been out of reach of the researcher in physical mode.

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313156**

Option 1 ID : **34212351249**

Option 2 ID : **34212351250**

Option 3 ID : **34212351251**

Option 4 ID : **34212351252**

Status : **Answered**

Chosen Option : **4**

Q.44

Find the missing term in the series given below:

1, 7, 25, 61, 121, ?, 337

1. 205

2. 211

3. 209

4. 208

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313164**

Option 1 ID : **34212351281**

Option 2 ID : **34212351282**

Option 3 ID : **34212351283**

Option 4 ID : **34212351284**

Status : **Answered**

Chosen Option : **2**

Q.45

Access to information through the invention of print was responsible for the emergence of

1. Mediated class distinction

2. Media monopoly

3. Mass media

4. Electronic device of interpersonal communication

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313159**

Option 1 ID : **34212351261**

Option 2 ID : **34212351262**

Option 3 ID : **34212351263**

Option 4 ID : **34212351264**

Status : **Answered**

Chosen Option : **1**

**Comprehension:**

**Read the following passage carefully and answer the questions that follow:**

Nicotine is only found in tobacco and leads to cancer. But is it true? It is a natural ingredient found in several plants. Various vegetables such as eggplant, tomatoes, potatoes among others, also contain nicotine in trace amounts.

There are more than 7000 chemicals in cigarette smoke. Of these, at least 250 are known to be harmful to health, such as hydrogen cyanide, carbon monoxide and ammonia. Some are natural components of the tobacco plant itself, but most harmful substances are only formed on combustion of tobacco and not by nicotine itself.

Products containing nicotine are often used to reduce anxiety, stress or depression. A survey in the 'Human Centric Approach to Tobacco Control' report highlights that stress and anxiety motivate tobacco consumption for 62% males and 40% females in tier I cities.

Nicotine from cigarettes is absorbed into the lungs through inhalation of smoke. When nicotine enters the body, it enters the circulatory system and reaches the brain within 20 seconds, causing nerve stimulation resulting in feeling of euphoria.

The burden of cancer and tobacco related diseases is immense. A recent report by WHO suggests that new cancer cases are likely to rise to at least thirty- five million in 2050, a 77% rise over the cases diagnosed in 2022. In India, an estimated 1.4 million cancer cases were recorded in the same year, while one in nine citizens could develop cancer in their lifetime.

**SubQuestion No : 46**

**Q.46**

Therapeutic applications of Nicotine - containing products can be stated as follows:

1. They are used to increase physical strength
2. They are used to improve cognitive function.
3. They are used to reduce anxiety, stress and depression
4. They are mostly used as antibiotics

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313192**

Option 1 ID : **34212351389**

Option 2 ID : **34212351390**

Option 3 ID : **34212351391**

Option 4 ID : **34212351392**

Status : **Answered**

Chosen Option : **2**

**Comprehension:**

**Read the following passage carefully and answer the questions that follow:**

Nicotine is only found in tobacco and leads to cancer. But is it true? It is a natural ingredient found in several plants. Various vegetables such as eggplant, tomatoes, potatoes among others, also contain nicotine in trace amounts.

There are more than 7000 chemicals in cigarette smoke. Of these, at least 250 are known to be harmful to health, such as hydrogen cyanide, carbon monoxide and ammonia. Some are natural components of the tobacco plant itself, but most harmful substances are only formed on combustion of tobacco and not by nicotine itself.

Products containing nicotine are often used to reduce anxiety, stress or depression. A survey in the 'Human Centric Approach to Tobacco Control' report highlights that stress and anxiety motivate tobacco consumption for 62% males and 40% females in tier I cities.

Nicotine from cigarettes is absorbed into the lungs through inhalation of smoke. When nicotine enters the body, it enters the circulatory system and reaches the brain within 20 seconds, causing nerve stimulation resulting in feeling of euphoria.

The burden of cancer and tobacco related diseases is immense. A recent report by WHO suggests that new cancer cases are likely to rise to at least thirty- five million in 2050, a 77% rise over the cases diagnosed in 2022. In India, an estimated 1.4 million cancer cases were recorded in the same year, while one in nine citizens could develop cancer in their lifetime.

**SubQuestion No : 47**

**Q.47**

**What feelings does nicotine cause upon reaching the brain?**

1. Sleepiness
2. Depression
3. Hunger
4. Euphoria

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313194**

Option 1 ID : **34212351397**

Option 2 ID : **34212351398**

Option 3 ID : **34212351399**

Option 4 ID : **34212351400**

Status : **Answered**

Chosen Option : **4**

**Comprehension:**

**Read the following passage carefully and answer the questions that follow:**

Nicotine is only found in tobacco and leads to cancer. But is it true? It is a natural ingredient found in several plants. Various vegetables such as eggplant, tomatoes, potatoes among others, also contain nicotine in trace amounts.

There are more than 7000 chemicals in cigarette smoke. Of these, at least 250 are known to be harmful to health, such as hydrogen cyanide, carbon monoxide and ammonia. Some are natural components of the tobacco plant itself, but most harmful substances are only formed on combustion of tobacco and not by nicotine itself.

Products containing nicotine are often used to reduce anxiety, stress or depression. A survey in the 'Human Centric Approach to Tobacco Control' report highlights that stress and anxiety motivate tobacco consumption for 62% males and 40% females in tier I cities.

Nicotine from cigarettes is absorbed into the lungs through inhalation of smoke. When nicotine enters the body, it enters the circulatory system and reaches the brain within 20 seconds, causing nerve stimulation resulting in feeling of euphoria.

The burden of cancer and tobacco related diseases is immense. A recent report by WHO suggests that new cancer cases are likely to rise to at least thirty- five million in 2050, a 77% rise over the cases diagnosed in 2022. In India, an estimated 1.4 million cancer cases were recorded in the same year, while one in nine citizens could develop cancer in their lifetime.

**SubQuestion No : 48**

**Q.48**

What is the percentage of male in tier I cities who consume tobacco according to the 'Human - Centric Approach to Tobacco Control' report?

1. 62%
2. 40%
3. 50%
4. 80%

**Options 1. 1**

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : **34212313193**

Option 1 ID : **34212351393**

Option 2 ID : **34212351394**

Option 3 ID : **34212351395**

Option 4 ID : **34212351396**

Status : **Answered**

Chosen Option : **1**



**Comprehension:**

**Read the following passage carefully and answer the questions that follow:**

Nicotine is only found in tobacco and leads to cancer. But is it true? It is a natural ingredient found in several plants. Various vegetables such as eggplant, tomatoes, potatoes among others, also contain nicotine in trace amounts.

There are more than 7000 chemicals in cigarette smoke. Of these, at least 250 are known to be harmful to health, such as hydrogen cyanide, carbon monoxide and ammonia. Some are natural components of the tobacco plant itself, but most harmful substances are only formed on combustion of tobacco and not by nicotine itself.

Products containing nicotine are often used to reduce anxiety, stress or depression. A survey in the 'Human Centric Approach to Tobacco Control' report highlights that stress and anxiety motivate tobacco consumption for 62% males and 40% females in tier I cities.

Nicotine from cigarettes is absorbed into the lungs through inhalation of smoke. When nicotine enters the body, it enters the circulatory system and reaches the brain within 20 seconds, causing nerve stimulation resulting in feeling of euphoria.

The burden of cancer and tobacco related diseases is immense. A recent report by WHO suggests that new cancer cases are likely to rise to at least thirty- five million in 2050, a 77% rise over the cases diagnosed in 2022. In India, an estimated 1.4 million cancer cases were recorded in the same year, while one in nine citizens could develop cancer in their lifetime.

**SubQuestion No : 49**

**Q.49**

Which of the following statements accurately describe the presence of nicotine in plants?

1. Nicotine is found in several plants, including some vegetables, in trace amounts
2. Nicotine is exclusively found in tobacco and not in any other plants
3. Nicotine is synthesized only in laboratories and not naturally found in plants
4. Nicotine is a by product of industrial processes and not naturally found

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313190**

Option 1 ID : **34212351381**

Option 2 ID : **34212351382**

Option 3 ID : **34212351383**

Option 4 ID : **34212351384**

Status : **Answered**

Chosen Option : **1**



**Comprehension:**

**Read the following passage carefully and answer the questions that follow:**

Nicotine is only found in tobacco and leads to cancer. But is it true? It is a natural ingredient found in several plants. Various vegetables such as eggplant, tomatoes, potatoes among others, also contain nicotine in trace amounts.

There are more than 7000 chemicals in cigarette smoke. Of these, at least 250 are known to be harmful to health, such as hydrogen cyanide, carbon monoxide and ammonia. Some are natural components of the tobacco plant itself, but most harmful substances are only formed on combustion of tobacco and not by nicotine itself.

Products containing nicotine are often used to reduce anxiety, stress or depression. A survey in the 'Human Centric Approach to Tobacco Control' report highlights that stress and anxiety motivate tobacco consumption for 62% males and 40% females in tier I cities.

Nicotine from cigarettes is absorbed into the lungs through inhalation of smoke. When nicotine enters the body, it enters the circulatory system and reaches the brain within 20 seconds, causing nerve stimulation resulting in feeling of euphoria.

The burden of cancer and tobacco related diseases is immense. A recent report by WHO suggests that new cancer cases are likely to rise to at least thirty- five million in 2050, a 77% rise over the cases diagnosed in 2022. In India, an estimated 1.4 million cancer cases were recorded in the same year, while one in nine citizens could develop cancer in their lifetime.

**SubQuestion No : 50**

**Q.50**

Which of the following harmful substances are produced upon combustion of tobacco?

1. Hydrogen cyanide and methane
2. Carbon monoxide and carbon dioxide
3. Nicotine and ammonia
4. Hydrogen cyanide, carbon monoxide and ammonia

**Options** 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : **34212313191**

Option 1 ID : **34212351385**

Option 2 ID : **34212351386**

Option 3 ID : **34212351387**

Option 4 ID : **34212351388**

Status : **Answered**

Chosen Option : **4**