

NTA UGC NET Jun 2025

Application No	
Candidate Name	
Roll No.	
Test Date	26/06/2025
Test Time	9:00 AM - 12:00 PM
Subject	87 Computer Science and Applications

Section : General Paper

Comprehension:

The following table shows the cumulative percentage of the total number of students appearing in the Hindi and Punjabi examination and the cumulative number of students appearing in the Hindi examination and scoring marks in five different categories, namely, 80 and above; 70 and above; 60 and above; 50 and above; and 40 and above. Based on the data in the table, answer the questions that follow.

Marks-wise distribution of students

Marks (Out of 100)	Cumulative percentage of the total number of students who appeared in Hindi and Punjabi	Cumulative number of students who appeared in Hindi
80 and above	15%	108
70 and above	35%	264
60 and above	65%	424
50 and above	90%	554
40 and above	100%	624

- Note :
- (1) Total number of students who attended the exam is 1200.
 - (2) No student failed in the examination.
 - (3) Each student appeared in only one exam, that is, either in Hindi or in Punjabi exam.

SubQuestion No : 1

Q.1

What is the average of the number of students who scored 50 or more than 50 marks but less than 60 marks in Punjabi and the number of students who scored 50 or more than 50 marks but less than 60 marks in Hindi ?

- (1) 180
- (2) 150
- (3) 200
- (4) 140

Options 1. 1

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

Question Type : **MCQ**

Question ID : **4255894909**

Option 1 ID : **42558919072**

Option 2 ID : **42558919073**

Option 3 ID : **42558919074**

Option 4 ID : **42558919075**

Status : **Answered**

Chosen Option : **2**

Comprehension:

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SubQuestion No : 2**Q.2**

What is the difference between the number of students who scored 70 or more than 70 marks but less than 80 marks in Punjabi and the number of students who scored 40 or more than 40 marks but less than 50 marks in Hindi ?

- (1) 20
- (2) 16
- (3) 14
- (4) 30

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 4255894908

Option 1 ID : 42558919068

Option 2 ID : 42558919069

Option 3 ID : 42558919070

Option 4 ID : 42558919071

Status : Answered

Chosen Option : 3

Comprehension:

The following table shows the cumulative percentage of the total number of students appearing in the Hindi and Punjabi examination and the cumulative number of students appearing in the Hindi examination and scoring marks in five different categories, namely, 80 and above; 70 and above; 60 and above; 50 and above; and 40 and above. Based on the data in the table, answer the questions that follow.

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SubQuestion No : 3**Q.3**

What is the ratio of the number of students who scored 50 or more than 50 marks but less than 60 marks in Hindi to the number of students who scored 40 or more than 40 marks but less than 50 marks in Punjabi ?

- (1) 12 : 11
- (2) 8 : 7
- (3) 3 : 1
- (4) 13 : 5

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ

Question ID : 4255894906

Option 1 ID : 42558919060

Option 2 ID : 42558919061

Option 3 ID : 42558919062

Option 4 ID : 42558919063

Status : Answered

Chosen Option : 4

Comprehension:

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SubQuestion No : 4**Q.4**

What is the sum of the number of students who scored 70 or more than 70 but less than 80 marks in Hindi and the number of students who scored 80 or more than 80 marks in Punjabi ?

- (1) 330
- (2) 228
- (3) 272
- (4) 284

Options 1. 1

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

Question Type : MCQ
 Question ID : 4255894905
 Option 1 ID : 42558919056
 Option 2 ID : 42558919057
 Option 3 ID : 42558919058
 Option 4 ID : 42558919059
 Status : Answered
 Chosen Option : 2

Comprehension:

The following table shows the cumulative percentage of the total number of students appearing in the Hindi and Punjabi examination and the cumulative number of students appearing in the Hindi examination and scoring marks in five different categories, namely, 80 and above; 70 and above; 60 and above; 50 and above; and 40 and above. Based on the data in the table, answer the questions that follow.

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- Note : (1) Total number of students who attended the exam is 1200.
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SubQuestion No : 5**Q.5**

The number of students who scored 80 and above marks in Hindi is _____ % less than the number of students who scored 60 or more than 60 marks but less than 70 marks in Punjabi.

- (1) 46
- (2) 54
- (3) 44
- (4) 52

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894907

Option 1 ID : 42558919064

Option 2 ID : 42558919065

Option 3 ID : 42558919066

Option 4 ID : 42558919067

Status : Answered

Chosen Option : 2

Q.6

Standard deviation (S) and coefficient of Variation (CV Expressed as a percentage) of different datasets are given in A-D, below. Compute the mean of each dataset and arrange in ascending order.

- A. $S = 4, CV = 40/9$
- B. $S = 5, CV = 6.25$
- C. $S = 14, CV = 70/3$
- D. $S = 16, CV = 160/7$

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

- (1) C, B, D, A
- (2) C, D, B, A
- (3) A, D, B, C
- (4) D, B, C, A

Options 1. 1

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

Question Type : **MCQ**
 Question ID : **4255894917**
 Option 1 ID : **42558919104**
 Option 2 ID : **42558919105**
 Option 3 ID : **42558919106**
 Option 4 ID : **42558919107**
 Status : **Answered**
 Chosen Option : **2**

Q.7

Which of the following are the risks of plagiarism for the researcher who plagiarises ?

- A. Losing of the Inspiration
- B. Losing of the obtained titles
- C. Destruction of obtained solutions
- D. Destroying the public image

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

- (1) A and C Only
- (2) B and C Only
- (3) B and D Only
- (4) C and D Only

Options 1. 1

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

Question Type : **MCQ**
 Question ID : **4255894918**
 Option 1 ID : **42558919108**
 Option 2 ID : **42558919109**
 Option 3 ID : **42558919110**
 Option 4 ID : **42558919111**
 Status : **Answered**
 Chosen Option : **1**

Q.8

The role of a teacher in the simulation model is that of _____.

- (1) Explaining
- (2) Designing
- (3) Describing
- (4) Chosing activity

Options 1. 1

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

Question Type : MCQ
 Question ID : 4255894910
 Option 1 ID : 42558919076
 Option 2 ID : 42558919077
 Option 3 ID : 42558919078
 Option 4 ID : 42558919079
 Status : Answered
 Chosen Option : 3

Q.9 Match List - I with List - II :**List - I**

(Name of the institutions)

- A. NIEPA
- B. RUSA
- C. QAA
- D. HEFA

List - II

(Function)

- I. Ensuring Quality
- II. Providing loans to higher education institutions
- III. Infrastructure development for upgrading the existing colleges into model colleges
- IV. Promoting Research in planning and management

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

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

Options 1. 1

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

Question Type : MCQ
 Question ID : 4255894949
 Option 1 ID : 42558919232
 Option 2 ID : 42558919233
 Option 3 ID : 42558919234
 Option 4 ID : 42558919235
 Status : Answered
 Chosen Option : 4

Q.10

Learning for all implies :

- (A) Inclusive Education
- (B) Equitable Education
- (C) Inclusive and Equitable Education
- (D) Quality Education
- (E) Categorized based Education

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : MCQ

Question ID : 4255894913

Option 1 ID : 42558919088

Option 2 ID : 42558919089

Option 3 ID : 42558919090

Option 4 ID : 42558919091

Status : Answered

Chosen Option : 1

Q.11 Match List - I with List - II :

- | List - I
(Learning style) | List - II
(Strengths) |
|------------------------------|---|
| A. Convergent | I. Creating theoretical model |
| B. Divergent | II. Practical Application of ideas |
| C. Assimilation | III. Carrying out plans and tasks that involves students in new experiences |
| D. Accommodative | IV. Imaginative ability and generation of ideas |

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**
 Question ID : **4255894914**
 Option 1 ID : **42558919092**
 Option 2 ID : **42558919093**
 Option 3 ID : **42558919094**
 Option 4 ID : **42558919095**
 Status : **Answered**
 Chosen Option : **1**

Q.12 Which of the following is correct sequence of increasing access time of storage/memory devices ?

- A. Magnetic tape
- B. RAM
- C. Cache memory
- D. Hard disk
- E. Registers

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

- (1) A, B, C, D, E
- (2) B, E, C, A, D
- (3) E, C, B, D, A
- (4) C, E, B, A, D

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**
 Question ID : **4255894937**
 Option 1 ID : **42558919184**
 Option 2 ID : **42558919185**
 Option 3 ID : **42558919186**
 Option 4 ID : **42558919187**
 Status : **Answered**
 Chosen Option : **3**

Q.13

Who directed the first film made in India ?

- (1) Satyajit Ray
- (2) Dada Saheb Phalke
- (3) Prithvi Raj Kapoor
- (4) Ardeshar Irani

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894921
Option 1 ID : 42558919120
Option 2 ID : 42558919121
Option 3 ID : 42558919122
Option 4 ID : 42558919123
Status : Answered
Chosen Option : 1

Q.14

As per National Education Policy 1986, the major functions of the National Apex Body are :

- A. To allocate resources
- B. To evaluate the examination system
- C. To advise government on policy
- D. To encourage inter-disciplinarily and promotion of interfaces among different areas.
- E. To conduct research in higher education

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

- (1) A, C, E Only
- (2) B, D and E Only
- (3) C, D and E Only
- (4) A, C and D Only

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894948
Option 1 ID : 42558919228
Option 2 ID : 42558919229
Option 3 ID : 42558919230
Option 4 ID : 42558919231
Status : Answered
Chosen Option : 1

Q.15

Arrange the following events in the **correct** chronological sequence.

- A. Establishment of the University of Madras
- B. Introduction of the Indian Universities Act
- C. Establishment of UGC
- D. First National Education Policy of India

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

- (1) A, B, C, D
- (2) A, D, C, B
- (3) B, C, A, D
- (4) C, B, A, D

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894947
Option 1 ID : 42558919224
Option 2 ID : 42558919225
Option 3 ID : 42558919226
Option 4 ID : 42558919227
Status : Answered
Chosen Option : 2

Q.16

According to the classical Indian school of logic, which of the following instruments of knowledge is defined as the knowledge of the relation between a word and its denotation and is produced by the knowledge of resemblance or similarity ?

- (1) Pratyakṣa (perception)
- (2) Anumāna (inference)
- (3) Upamāna (comparison)
- (4) S'abda (verbal testimony)

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894934
Option 1 ID : 42558919172
Option 2 ID : 42558919173
Option 3 ID : 42558919174
Option 4 ID : 42558919175
Status : Answered
Chosen Option : 1

Q.17

Increasing the ratio of fissile Uranium (U-235) in natural uranium is known as :

- (1) Enhancement
- (2) Concentration
- (3) Accumulation
- (4) Enrichment

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894942

Option 1 ID : 42558919204

Option 2 ID : 42558919205

Option 3 ID : 42558919206

Option 4 ID : 42558919207

Status : Answered

Chosen Option : 2

Q.18

Which of the following are true about coliform bacteria ?

- A. They are used to test water contamination.
- B. Coliform bacteria are harmless and cause no disease.
- C. They are found naturally in human intestinal tract.
- D. Their presence in water is an indication of fecal contamination.

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

- (1) A and D Only
- (2) B and C Only
- (3) A, C and D Only
- (4) A, B, C and D

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894940

Option 1 ID : 42558919196

Option 2 ID : 42558919197

Option 3 ID : 42558919198

Option 4 ID : 42558919199

Status : Answered

Chosen Option : 2

Q.19 When a producer allows 36% commission on the retail price of his product, he earns a profit of 8.8%. What would be his profit if the commission is reduced by 24% ?

- (1) 36.6%
- (2) 49.6%
- (3) 59.6%
- (4) 45.6%

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894928**
Option 1 ID : **42558919148**
Option 2 ID : **42558919149**
Option 3 ID : **42558919150**
Option 4 ID : **42558919151**
Status : **Answered**
Chosen Option : **1**

Q.20 With reference to cyber attacks, which of the following statements are correct ?

- A. Malware is a malicious software designed to cause damage to a single computer, server or computer network.
- B. Types of malware include computer viruses, worms, trojan horses, ransomware and spyware.
- C. Pegasus is a malicious software classified as Ransomware.
- D. India is not a signatory to the Budapest convention on cybercrime.

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

- (1) A, B and C Only
- (2) B, C and D Only
- (3) A, B, C and D
- (4) A, B and D Only

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894938**
Option 1 ID : **42558919188**
Option 2 ID : **42558919189**
Option 3 ID : **42558919190**
Option 4 ID : **42558919191**
Status : **Answered**
Chosen Option : **1**

Q.21 Which international organization co-ordinates the education for all programme at the global level ?

- (1) UNDP
- (2) UNESCO
- (3) IMF
- (4) UNEP

Options 1. 1

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

Question Type : **MCQ**

Question ID : **4255894946**

Option 1 ID : **42558919220**

Option 2 ID : **42558919221**

Option 3 ID : **42558919222**

Option 4 ID : **42558919223**

Status : **Answered**

Chosen Option : **4**

Q.22 In an ancient period, the Diksha Guru performed his duty as :

- (1) Guru of secular subjects
- (2) Spiritual guide for both girls and boys
- (3) Spiritual guide of boys
- (4) Tutor

Options 1. 1

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

Question Type : **MCQ**

Question ID : **4255894945**

Option 1 ID : **42558919216**

Option 2 ID : **42558919217**

Option 3 ID : **42558919218**

Option 4 ID : **42558919219**

Status : **Answered**

Chosen Option : **2**

Q.23

Find the number that can replace question mark (?) in the series given below.

7, 12, 32, 122, ?, 3602, 25202

- (1) 602
- (2) 610
- (3) 702
- (4) 622

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894925

Option 1 ID : 42558919136

Option 2 ID : 42558919137

Option 3 ID : 42558919138

Option 4 ID : 42558919139

Status : Answered

Chosen Option : 1

Q.24

Arrange the following in order of increasing extension.

- A. Social Science
- B. Political Science
- C. Sciences
- D. Politics of International Relations

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

- (1) C, A, B, D
- (2) A, C, B, D
- (3) B, D, A, C
- (4) D, B, A, C

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894933

Option 1 ID : 42558919168

Option 2 ID : 42558919169

Option 3 ID : 42558919170

Option 4 ID : 42558919171

Status : Answered

Chosen Option : 1

Q.25

What is Explanatory research ?

- (1) It studies subject about which either no information or the limited information is available.
- (2) It describes social situations, social events, social systems, social structures etc. The researcher observes/studies and then describes what did he find ?
- (3) It explains the causes of social phenomena. Describing the magnitude and nature of crimes committed by females in India is one aspect of female crime but why do they commit crime is its explanatory aspect.
- (4) It is based on common sense knowledge based on the accumulated experiences and beliefs of the people.

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ
 Question ID : 4255894916
 Option 1 ID : 42558919100
 Option 2 ID : 42558919101
 Option 3 ID : 42558919102
 Option 4 ID : 42558919103
 Status : Answered
 Chosen Option : 2

Q.26

Match List - I with List - II :

List - I (Operating system)	List - II (Task)
A. UNIX	I. Assist users in system maintenance task
B. MS-DOS	II. Mobile device
C. Android OS	III. Single user operating system
D. Utility programs	IV. Multi user operating system

Choose the correct answer from the options given below :

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ
 Question ID : 4255894939
 Option 1 ID : 42558919192
 Option 2 ID : 42558919193
 Option 3 ID : 42558919194
 Option 4 ID : 42558919195
 Status : Answered
 Chosen Option : 3

Q.27

Match List - I with List - II :

List - I (Meaning)	List - II (Terms)
A. Who	I. Receiver
B. Says what	II. Communicator
C. In which channel	III. Message
D. To whom	IV. Medium

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

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

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894924
Option 1 ID : 42558919132
Option 2 ID : 42558919133
Option 3 ID : 42558919134
Option 4 ID : 42558919135
Status : Answered
Chosen Option : 3

Q.28

Why is the concentration of CO₂ is more in the Northern Hemisphere than the Southern Hemisphere ?

- A. Land mass is more in the Northern Hemisphere.
- B. Ocean body is more in the Southern Hemisphere.
- C. Fossil fuel is burnt more in the Northern Hemisphere.
- D. Northern Hemisphere is colder than the Southern Hemisphere.

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

- (1) A and C Only
- (2) B, C and D Only
- (3) A, B and C Only
- (4) B and D Only

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894941**
Option 1 ID : **42558919200**
Option 2 ID : **42558919201**
Option 3 ID : **42558919202**
Option 4 ID : **42558919203**
Status : **Answered**
Chosen Option : **2**

Q.29

The CBCS (Choice Based Credit System) in higher education promotes :

- (1) Rigid Curriculum structure
- (2) Flexibility in course selection
- (3) Limited student choices
- (4) Only theoretical learning

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894911**
Option 1 ID : **42558919080**
Option 2 ID : **42558919081**
Option 3 ID : **42558919082**
Option 4 ID : **42558919083**
Status : **Answered**
Chosen Option : **2**

Q.30

Which of the following statements contradict each other ?

- A. All ducks are birds.
- B. Some ducks are birds.
- C. Some ducks are not birds.
- D. No ducks are birds.

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

- (1) A and D Only
- (2) B and C Only
- (3) B and D Only
- (4) C and D Only

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894930
Option 1 ID : 42558919156
Option 2 ID : 42558919157
Option 3 ID : 42558919158
Option 4 ID : 42558919159
Status : Answered
Chosen Option : 2

Q.31

Which of the following is an example of IEEE 802.3 ?

- (1) LAN
- (2) MAN
- (3) WAN
- (4) PAN

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894935
Option 1 ID : 42558919176
Option 2 ID : 42558919177
Option 3 ID : 42558919178
Option 4 ID : 42558919179
Status : Answered
Chosen Option : 1

Q.32 A sum was put at simple interest at a certain rate for 3 years. Had it been put at 1% higher rate, it would have fetched ₹5100 more. Find the sum.

- (1) ₹ 170,000
- (2) ₹ 150,000
- (3) ₹ 175,000
- (4) ₹ 200,000

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894929**
Option 1 ID : **42558919152**
Option 2 ID : **42558919153**
Option 3 ID : **42558919154**
Option 4 ID : **42558919155**
Status : **Answered**
Chosen Option : **3**

Q.33 Which of the following technologies is used in second generation of computer ?

- (1) Vacuum tubes
- (2) Transistors
- (3) Integrated Circuits
- (4) VLSI

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894936**
Option 1 ID : **42558919180**
Option 2 ID : **42558919181**
Option 3 ID : **42558919182**
Option 4 ID : **42558919183**
Status : **Answered**
Chosen Option : **1**

Q.34 What is Exploratory Research ?

- (1) It describes social situations, social events, social systems, social structures etc. The researcher observes/studies and then describes what did he find ?
- (2) It studies subject about which either no information or the limited information is available.
- (3) It explains the causes of social phenomena. Describing the magnitude and nature of crimes committed by females in India is one aspect of female crime but why do they commit crime is its explanatory aspect.
- (4) It is based on common sense knowledge based on the accumulated experiences and beliefs of the people.

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ
 Question ID : 4255894915
 Option 1 ID : 42558919096
 Option 2 ID : 42558919097
 Option 3 ID : 42558919098
 Option 4 ID : 42558919099
 Status : Answered
 Chosen Option : 2

Q.35 Which of the following statement(s) is/are wrong ?

- A. A man runs at a speed of 20 km/hr and covers a distance of 400 m. The time taken by the man to cover 400 m is 8 minutes.
- B. A person covers a certain distance at x km/hr and an equal distance at y km/hr. The average speed during the whole journey is $\frac{2xy}{x+y}$ km/hr.
- C. A Cyclist covers a distance of 750 m in $2\frac{1}{2}$ minutes. The speed of the cyclist is 18 km/hr.
- D. A speed of x km/hr is equal to $\frac{5x}{18}$ m/sec

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

- (1) A Only
- (2) A and B Only
- (3) A and C Only
- (4) B, C and D Only

Options 1. 1

2. 2
3. 3
4. 4

Question Type : MCQ
 Question ID : 4255894927
 Option 1 ID : 42558919144
 Option 2 ID : 42558919145
 Option 3 ID : 42558919146
 Option 4 ID : 42558919147
 Status : Answered
 Chosen Option : 2

Q.36

Match List - I with List - II :

List - I

[Population mean(μ) and $\frac{1}{N} \sum x_i^2$]

A. $\mu = 9, \frac{1}{N} \sum x_i^2 = 117$

B. $\mu = 10, \frac{1}{N} \sum x_i^2 = 200$

C. $\mu = 11, \frac{1}{N} \sum x_i^2 = 202$

D. $\mu = 12, \frac{1}{N} \sum x_i^2 = 160$

List - II

[Population standard deviation (σ)]

I. 10

II. 4

III. 6

IV. 9

Choose the correct answer from the options given below :

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

Options

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

Question Type : MCQ

Question ID : 4255894919

Option 1 ID : 42558919112

Option 2 ID : 42558919113

Option 3 ID : 42558919114

Option 4 ID : 42558919115

Status : Answered

Chosen Option : 3

Q.37

In a certain code language :

'NOIDA' is written as : 1, 4, 9, 15, 14

'INDIA' is written as : 1, 9, 4, 14, 9

How 'HELLO' will be written in this language ?

- (1) 15, 12, 12, 5, 8
- (2) 5, 12, 12, 15, 8
- (3) 8, 5, 12, 12, 15
- (4) 12, 5, 12, 8, 15

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894926
Option 1 ID : 42558919140
Option 2 ID : 42558919141
Option 3 ID : 42558919142
Option 4 ID : 42558919143
Status : Answered
Chosen Option : 1

Q.38

What is the correct sequence, from initial to final, of surface waste water treatment ?

- A. Disinfection
- B. Sedimentation
- C. Filtration
- D. Screening

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

- (1) A, B, C, D
- (2) A, B, D, C
- (3) D, B, A, C
- (4) D, B, C, A

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894943
Option 1 ID : 42558919208
Option 2 ID : 42558919209
Option 3 ID : 42558919210
Option 4 ID : 42558919211
Status : Answered
Chosen Option : 4

Q.39

Who directed the first talkie feature film made in India ?

- (1) Ardeshar Irani
- (2) Ritwik Ghatak
- (3) Dada Saheb Phalke
- (4) Bimal Roy

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894920
Option 1 ID : 42558919116
Option 2 ID : 42558919117
Option 3 ID : 42558919118
Option 4 ID : 42558919119
Status : Answered
Chosen Option : 3

Q.40

"This is the richest fraternity on the campus; therefore Mr. X who is a member of this fraternity must be one of the richest young man on the campus." Which fallacy is involved in this argument ?

- (1) Fallacy of division
- (2) Fallacy of irrelevant conclusion
- (3) Red Herring
- (4) Slippery slope

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894932
Option 1 ID : 42558919164
Option 2 ID : 42558919165
Option 3 ID : 42558919166
Option 4 ID : 42558919167
Status : Answered
Chosen Option : 4

Q.41

What is the correct chronological order of the following television programmes released on Doordarshan in India (from earliest to latest)?

- A. Mahabharatha
- B. Chandrakanta
- C. Hum Log
- D. Ramayana
- E. Buniyad

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

- (1) A, B, C, D, E
- (2) C, E, D, A, B
- (3) B, C, A, D, E
- (4) B, A, D, E, C

Options

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

Question Type : **MCQ**

Question ID : **4255894922**

Option 1 ID : **42558919124**

Option 2 ID : **42558919125**

Option 3 ID : **42558919126**

Option 4 ID : **42558919127**

Status : **Answered**

Chosen Option : **4**

Q.42

Which of the following are differences between Modified Mercalli Scale (MMS) and Richter Scale (RS) ?

- A. RS measures the energy released while MMS measures both energy and devastation
- B. RS uses linear scale while MMS uses logarithmic scale
- C. Value of RS is constant in an earthquake while MMS varies depending upon distance
- D. Levels in RS is more than MMS

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

- (1) A and B Only
- (2) B and C Only
- (3) C and D Only
- (4) A and C Only

Options

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

Question Type : **MCQ**

Question ID : **4255894944**

Option 1 ID : **42558919212**

Option 2 ID : **42558919213**

Option 3 ID : **42558919214**

Option 4 ID : **42558919215**

Status : **Answered**

Chosen Option : **3**

Q.43

If the statement "No birds are animals" is given as false, which of the following statements can be inferred to be true ?

- A. Some animals are not birds.
- B. Some birds are not animals.
- C. Some animals are birds.
- D. Some birds are animals.

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

- (1) A and B Only
- (2) C and D Only
- (3) B Only
- (4) A, B, C and D

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894931

Option 1 ID : 42558919160

Option 2 ID : 42558919161

Option 3 ID : 42558919162

Option 4 ID : 42558919163

Status : Answered

Chosen Option : 2

Q.44

What among the following films are directed by Satyajit Ray ?

- A. Madhumati
- B. Apur Sansar
- C. Sujata
- D. Aparajito
- E. Pather Panchali

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

- (1) B, D and E Only
- (2) A and C Only
- (3) A, B, C and D Only
- (4) A, B and C Only

Options 1. 1

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

Question Type : MCQ

Question ID : 4255894923

Option 1 ID : 42558919128

Option 2 ID : 42558919129

Option 3 ID : 42558919130

Option 4 ID : 42558919131

Status : Answered

Chosen Option : 3

Q.45

Arrange the problem-solving strategy.

- (A) Generate many possible solutions
- (B) Determine how to implement the solution and evaluate the success of the solution
- (C) Make a decision
- (D) Evaluate each solution
- (E) Define the problem

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

- (1) B, E, A, D, C
- (2) E, A, D, C, B
- (3) A, B, C, D, E
- (4) C, A, B, E, D

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894912**
Option 1 ID : **42558919084**
Option 2 ID : **42558919085**
Option 3 ID : **42558919086**
Option 4 ID : **42558919087**
Status : **Answered**
Chosen Option : **2**

Comprehension:

Read the following passage carefully and answer the questions .

Forced by circumstances and in search of success and status, educated young men and women settle far away from their parents. Some go abroad. The very education that the parents manage to give to their children turns against them in the end. Their children go away in search of green pastures leaving them alone. International community as well as our government is aware of their problems. The UNO proclaimed the year 1999 as 'International Year for the Aged'. In our own country too the year 2000 was proclaimed 'The Year for the Aged'.

Article 41 of our constitution clearly makes it incumbent on the state to look after the aged. There is a social welfare ministry responsible for the welfare of the aged. Laws are made from time-to-time to protect the rights of senior citizens. For example under law parents cannot be evicted from a house without due process of law under section 105 of the Criminal Procedure Code. A magistrate can order a person to maintain his/her old parents under the Maintenance of Parents Act. The Hindu Adoption and Maintenance act says that the aged parents can demand for maintenance from their children. The Domestic Violence Act also provides parents with the rights to seek relief from any kind of abuse.

SubQuestion No : 46

Q.46 Which of the following Act/Section does give parents rights to seek relief from any kind of abuse ?

- (1) Hindu Adoption and maintenance Act
- (2) Section 105 of CPC
- (3) The Domestic Violence Act
- (4) Section 98 of CPC

Options 1. 1

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

Question Type : **MCQ**
Question ID : **4255894955**
Option 1 ID : **42558919252**
Option 2 ID : **42558919253**
Option 3 ID : **42558919254**
Option 4 ID : **42558919255**
Status : **Answered**
Chosen Option : **2**

Comprehension:**Read the following passage carefully and answer the questions .**

Forced by circumstances and in search of success and status, educated young men and women settle far away from their parents. Some go abroad. The very education that the parents manage to give to their children turns against them in the end. Their children go away in search of green pastures leaving them alone. International community as well as our government is aware of their problems. The UNO proclaimed the year 1999 as 'International Year for the Aged'. In our own country too the year 2000 was proclaimed 'The Year for the Aged'.

Article 41 of our constitution clearly makes it incumbent on the state to look after the aged. There is a social welfare ministry responsible for the welfare of the aged. Laws are made from time-to-time to protect the rights of senior citizens. For example under law parents cannot be evicted from a house without due process of law under section 105 of the Criminal Procedure Code. A magistrate can order a person to maintain his/her old parents under the Maintenance of Parents Act. The Hindu Adoption and Maintenance act says that the aged parents can demand for maintenance from their children. The Domestic Violence Act also provides parents with the rights to seek relief from any kind of abuse.

SubQuestion No : 47**Q.47**

Who is empowered to give order to the concerned for the maintenance of their parents ?

- (1) A retired judge
- (2) The judge of the High-Court
- (3) Local Sarpanch
- (4) A magistrate

Options

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

Question Type : **MCQ**Question ID : **4255894954**Option 1 ID : **42558919248**Option 2 ID : **42558919249**Option 3 ID : **42558919250**Option 4 ID : **42558919251**Status : **Answered**Chosen Option : **4**

Comprehension:

Read the following passage carefully and answer the questions .

Forced by circumstances and in search of success and status, educated young men and women settle far away from their parents. Some go abroad. The very education that the parents manage to give to their children turns against them in the end. Their children go away in search of green pastures leaving them alone. International community as well as our government is aware of their problems. The UNO proclaimed the year 1999 as 'International Year for the Aged'. In our own country too the year 2000 was proclaimed 'The Year for the Aged'.

Article 41 of our constitution clearly makes it incumbent on the state to look after the aged. There is a social welfare ministry responsible for the welfare of the aged. Laws are made from time-to-time to protect the rights of senior citizens. For example under law parents cannot be evicted from a house without due process of law under section 105 of the Criminal Procedure Code. A magistrate can order a person to maintain his/her old parents under the Maintenance of Parents Act. The Hindu Adoption and Maintenance act says that the aged parents can demand for maintenance from their children. The Domestic Violence Act also provides parents with the rights to seek relief from any kind of abuse.

SubQuestion No : 48

Q.48

The year 1999 was proclaimed as :

- (1) National year for the aged
- (2) Universal year for the aged
- (3) International year for the aged
- (4) SAARC year for the aged

Options 1. 1

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

Question Type : **MCQ**

Question ID : **4255894952**

Option 1 ID : **42558919240**

Option 2 ID : **42558919241**

Option 3 ID : **42558919242**

Option 4 ID : **42558919243**

Status : **Answered**

Chosen Option : **3**

Comprehension:**Read the following passage carefully and answer the questions .**

Forced by circumstances and in search of success and status, educated young men and women settle far away from their parents. Some go abroad. The very education that the parents manage to give to their children turns against them in the end. Their children go away in search of green pastures leaving them alone. International community as well as our government is aware of their problems. The UNO proclaimed the year 1999 as 'International Year for the Aged'. In our own country too the year 2000 was proclaimed 'The Year for the Aged'.

Article 41 of our constitution clearly makes it incumbent on the state to look after the aged. There is a social welfare ministry responsible for the welfare of the aged. Laws are made from time-to-time to protect the rights of senior citizens. For example under law parents cannot be evicted from a house without due process of law under section 105 of the Criminal Procedure Code. A magistrate can order a person to maintain his/her old parents under the Maintenance of Parents Act. The Hindu Adoption and Maintenance act says that the aged parents can demand for maintenance from their children. The Domestic Violence Act also provides parents with the rights to seek relief from any kind of abuse.

SubQuestion No : 49**Q.49**

Under section 105 of the criminal procedure code, parents cannot be evicted from a house :

- (1) Without due process of law
- (2) In any situation
- (3) Without submitting their will
- (4) Unless their property is transferred to their legal heir

Options 1. 1

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

Question Type : MCQ
Question ID : 4255894953
Option 1 ID : 42558919244
Option 2 ID : 42558919245
Option 3 ID : 42558919246
Option 4 ID : 42558919247
Status : Answered
Chosen Option : 1

Comprehension:

Read the following passage carefully and answer the questions .

Forced by circumstances and in search of success and status, educated young men and women settle far away from their parents. Some go abroad. The very education that the parents manage to give to their children turns against them in the end. Their children go away in search of green pastures leaving them alone. International community as well as our government is aware of their problems. The UNO proclaimed the year 1999 as 'International Year for the Aged'. In our own country too the year 2000 was proclaimed 'The Year for the Aged'.

Article 41 of our constitution clearly makes it incumbent on the state to look after the aged. There is a social welfare ministry responsible for the welfare of the aged. Laws are made from time-to-time to protect the rights of senior citizens. For example under law parents cannot be evicted from a house without due process of law under section 105 of the Criminal Procedure Code. A magistrate can order a person to maintain his/her old parents under the Maintenance of Parents Act. The Hindu Adoption and Maintenance act says that the aged parents can demand for maintenance from their children. The Domestic Violence Act also provides parents with the rights to seek relief from any kind of abuse.

SubQuestion No : 50

Q.50

According to passage, who usually leaves their parents in lurch ?

- (1) Disobedient wards
- (2) Frustrated youth
- (3) Career seeker children settled in distant places
- (4) The ones who have job insecurity

Options 1. 1

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

Question Type : **MCQ**

Question ID : **4255894951**

Option 1 ID : **42558919236**

Option 2 ID : **42558919237**

Option 3 ID : **42558919238**

Option 4 ID : **42558919239**

Status : **Answered**

Chosen Option : **3**

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