

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

Application No	
Candidate Name	
Roll No.	
Test Date	23/08/2024
Test Time	9:00 AM - 12:00 PM
Subject	87 Computer Science and Applications

Section : General Paper

Comprehension:

The following table shows the proportion of students passed in three different Graduation Streams, namely, Arts, Science and Commerce, from seven different cities A-G, along with the ratio of Males (M) to Females (F) for the three streams among the students. Based on the data in the table, answer the questions that follow.

City-wise details of Graduating students

City	Proportion of passed Students			
	Arts : Science : Commerce	Arts M : F	Science M : F	Commerce M : F
A	2 : 4 : 5	31 : 14	23 : 27	11 : 7
B	7 : 2 : 4	37 : 33	43 : 32	29 : 21
C	1 : 4 : 2	34 : 16	57 : 43	31 : 29
D	5 : 7 : 4	17 : 13	51 : 33	23 : 17
E	4 : 3 : 8	23 : 17	41 : 34	57 : 23
F	2 : 4 : 3	47 : 28	11 : 7	16 : 11
G	3 : 5 : 4	29 : 21	27 : 24	53 : 47

SubQuestion No : 1

- Q.1** If the number of females who passed in Arts from City-C is 768, then the number of males who passed in Commerce from City-C is approximately _____% of the number of students who passed from City-C.
- (1) 14.76
 - (2) 18.24
 - (3) 27.8
 - (4) 32.5

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723678](#)

Option 1 ID : [53307214313](#)

Option 2 ID : [53307214314](#)

Option 3 ID : [53307214315](#)

Option 4 ID : [53307214316](#)

Status : **Answered**

Chosen Option : 3

Comprehension:

The following table shows the proportion of students passed in three different Graduation Streams, namely, Arts, Science and Commerce, from seven different cities A-G, along with the ratio of Males (M) to Females (F) for the three streams among the students. Based on the data in the table, answer the questions that follow.

City-wise details of Graduating students

City	Proportion of passed Students			
	Arts : Science : Commerce	Arts M : F	Science M : F	Commerce M : F
A	2 : 4 : 5	31 : 14	23 : 27	11 : 7
B	7 : 2 : 4	37 : 33	43 : 32	29 : 21
C	1 : 4 : 2	34 : 16	57 : 43	31 : 29
D	5 : 7 : 4	17 : 13	51 : 33	23 : 17
E	4 : 3 : 8	23 : 17	41 : 34	57 : 23
F	2 : 4 : 3	47 : 28	11 : 7	16 : 11
G	3 : 5 : 4	29 : 21	27 : 24	53 : 47

SubQuestion No : 2

- Q.2** For City-A, if the total number of males who passed in Arts is 2480, then what is the difference between the number of students who passed in Commerce and that in Science ?
- (1) 600
 - (2) 1000
 - (3) 1400
 - (4) 1800

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723676](#)

Option 1 ID : [53307214305](#)

Option 2 ID : [53307214306](#)

Option 3 ID : [53307214307](#)

Option 4 ID : [53307214308](#)

Status : **Answered**

Chosen Option : **2**

Comprehension:

The following table shows the proportion of students passed in three different Graduation Streams, namely, Arts, Science and Commerce, from seven different cities A-G, along with the ratio of Males (M) to Females (F) for the three streams among the students. Based on the data in the table, answer the questions that follow.

City-wise details of Graduating students

City	Proportion of passed Students			
	Arts : Science : Commerce	Arts M : F	Science M : F	Commerce M : F
A	2 : 4 : 5	31 : 14	23 : 27	11 : 7
B	7 : 2 : 4	37 : 33	43 : 32	29 : 21
C	1 : 4 : 2	34 : 16	57 : 43	31 : 29
D	5 : 7 : 4	17 : 13	51 : 33	23 : 17
E	4 : 3 : 8	23 : 17	41 : 34	57 : 23
F	2 : 4 : 3	47 : 28	11 : 7	16 : 11
G	3 : 5 : 4	29 : 21	27 : 24	53 : 47

SubQuestion No : 3

Q.3 If the number of males who passed in Commerce from City-G is 2544, then what is the number of students who passed in Arts from City-G ?

- (1) 3600
- (2) 4200
- (3) 4800
- (4) 3400

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723675](#)

Option 1 ID : [53307214301](#)

Option 2 ID : [53307214302](#)

Option 3 ID : [53307214303](#)

Option 4 ID : [53307214304](#)

Status : **Answered**

Chosen Option : **4**

Comprehension:

The following table shows the proportion of students passed in three different Graduation Streams, namely, Arts, Science and Commerce, from seven different cities A-G, along with the ratio of Males (M) to Females (F) for the three streams among the students. Based on the data in the table, answer the questions that follow.

City-wise details of Graduating students

City	Proportion of passed Students			
	Arts : Science : Commerce	Arts M : F	Science M : F	Commerce M : F
A	2 : 4 : 5	31 : 14	23 : 27	11 : 7
B	7 : 2 : 4	37 : 33	43 : 32	29 : 21
C	1 : 4 : 2	34 : 16	57 : 43	31 : 29
D	5 : 7 : 4	17 : 13	51 : 33	23 : 17
E	4 : 3 : 8	23 : 17	41 : 34	57 : 23
F	2 : 4 : 3	47 : 28	11 : 7	16 : 11
G	3 : 5 : 4	29 : 21	27 : 24	53 : 47

SubQuestion No : 4

- Q.4** The number of males who passed in Commerce from City-F is approximately _____% more than the number of females who passed in Commerce from City-F.
- (1) 31.25
 - (2) 47.47
 - (3) 45.45
 - (4) 42.67

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723679](#)

Option 1 ID : [53307214317](#)

Option 2 ID : [53307214318](#)

Option 3 ID : [53307214319](#)

Option 4 ID : [53307214320](#)

Status : **Answered**

Chosen Option : 1

Comprehension:

The following table shows the proportion of students passed in three different Graduation Streams, namely, Arts, Science and Commerce, from seven different cities A-G, along with the ratio of Males (M) to Females (F) for the three streams among the students. Based on the data in the table, answer the questions that follow.

City-wise details of Graduating students

City	Proportion of passed Students			
	Arts : Science : Commerce	Arts M : F	Science M : F	Commerce M : F
A	2 : 4 : 5	31 : 14	23 : 27	11 : 7
B	7 : 2 : 4	37 : 33	43 : 32	29 : 21
C	1 : 4 : 2	34 : 16	57 : 43	31 : 29
D	5 : 7 : 4	17 : 13	51 : 33	23 : 17
E	4 : 3 : 8	23 : 17	41 : 34	57 : 23
F	2 : 4 : 3	47 : 28	11 : 7	16 : 11
G	3 : 5 : 4	29 : 21	27 : 24	53 : 47

SubQuestion No : 5

Q.5 If the number of students who passed in Commerce from City-F is 3240, then the number of students who passed from City-F is _____ % of the number of Science students who passed from City-F.

- (1) 75
- (2) 150
- (3) 180
- (4) 225

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723677](#)

Option 1 ID : [53307214309](#)

Option 2 ID : [53307214310](#)

Option 3 ID : [53307214311](#)

Option 4 ID : [53307214312](#)

Status : **Answered**

Chosen Option : **2**

Q.6 A researcher decides to tell participants something false about a research session in order to mislead them. The researcher is using :

- (1) Naturalistic observation
- (2) Role playing
- (3) Active deception
- (4) Dehoaxing

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723685](#)

Option 1 ID : [53307214341](#)

Option 2 ID : [53307214342](#)

Option 3 ID : [53307214343](#)

Option 4 ID : [53307214344](#)

Status : **Answered**

Chosen Option : **3**

Q.7

Match List - I with List - II.

List - I (Type of variable)	List - II (Example)
(A) Nominal	(I) Satisfaction level
(B) Ordinal	(II) Weight
(C) Interval	(III) Ethnicity
(D) Ratio	(IV) Year of death

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723689](#)

Option 1 ID : [53307214357](#)

Option 2 ID : [53307214358](#)

Option 3 ID : [53307214359](#)

Option 4 ID : [53307214360](#)

Status : **Answered**

Chosen Option : **3**

Q.8

Arrange the following fractions in increasing order :

(A) $\frac{12}{17}$

(B) $\frac{13}{19}$

(C) $\frac{8}{11}$

(D) $\frac{16}{23}$

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

(1) (B), (D), (A), (C)

(2) (B), (A), (C), (D)

(3) (D), (A), (B), (C)

(4) (D), (B), (C), (A)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723697](#)

Option 1 ID : [53307214389](#)

Option 2 ID : [53307214390](#)

Option 3 ID : [53307214391](#)

Option 4 ID : [53307214392](#)

Status : **Answered**

Chosen Option : **2**

Q.9

Which of the following universities were set up in 1916 ?

- (A) Osmania University
- (B) S.N.D.T Women's University
- (C) Mysore University
- (D) Patna University
- (E) Benaras Hindu University

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723716](#)

Option 1 ID : [53307214465](#)

Option 2 ID : [53307214466](#)

Option 3 ID : [53307214467](#)

Option 4 ID : [53307214468](#)

Status : **Answered**

Chosen Option : **4**

Q.10

What can be inferred correctly from the following ? "No musicians are Greeks. All traders are Musicians. Therefore, no traders are Greeks"

- (A) It represents figure II of the syllogistic argument
- (B) It is an EAE mood
- (C) The term 'Greeks' is the major term
- (D) The minor term of the conclusion is distributed
- (E) The middle term is undistributed

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723702](#)

Option 1 ID : [53307214409](#)

Option 2 ID : [53307214410](#)

Option 3 ID : [53307214411](#)

Option 4 ID : [53307214412](#)

Status : **Answered**

Chosen Option : **2**

Q.11 Identify the pattern of the Argument in the following "Habits are like a cable. We weave a strand of it everyday and soon it cannot be broken."

- (1) Causal Argument
- (2) Argument from Analogy
- (3) Argument from Authority
- (4) Argument from Definition

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723700](#)

Option 1 ID : [53307214401](#)

Option 2 ID : [53307214402](#)

Option 3 ID : [53307214403](#)

Option 4 ID : [53307214404](#)

Status : **Answered**

Chosen Option : **2**

Q.12 What in the following can be correctly inferred ? "You know how I know animals have souls ? Because on an average, the lowest animal is a lot nicer and kinder than most of the human beings that inhabit this Earth".

- (A) Premise : The lowest animal is a lot nicer and kinder than most human beings that inhabit this Earth.
- (B) Premise : Animals have soul
- (C) It is not an argument
- (D) Conclusion : The lowest animal is a lot nicer and kinder than most human beings that inhabit this Earth
- (E) Conclusion : Animals have soul

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723701](#)

Option 1 ID : [53307214405](#)

Option 2 ID : [53307214406](#)

Option 3 ID : [53307214407](#)

Option 4 ID : [53307214408](#)

Status : **Answered**

Chosen Option : **1**

Q.13 Which of the following criteria in research relates mainly to the issue of causality ?

- (1) Transferability
- (2) Measurement validity
- (3) External validity
- (4) Internal validity

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723686](#)

Option 1 ID : [53307214345](#)

Option 2 ID : [53307214346](#)

Option 3 ID : [53307214347](#)

Option 4 ID : [53307214348](#)

Status : **Answered**

Chosen Option : 4

Q.14 Match List - I with List - II.

List - I (Constitutional Provision of Education)	List - II (Article)
(A) Women's Education	(I) 28
(B) Education of Minorities	(II) 21-A
(C) Secular Education	(III) 15 (Part-II)
(D) Right to Education	(IV) 29 (Part-III)

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

- (1) (A)-(III), (B)-(I), (C)-(IV), (D)-(II)
- (2) (A)-(I), (B)-(II), (C)-(IV), (D)-(III)
- (3) (A)-(III), (B)-(IV), (C)-(I), (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 : [5330723717](#)

Option 1 ID : [53307214469](#)

Option 2 ID : [53307214470](#)

Option 3 ID : [53307214471](#)

Option 4 ID : [53307214472](#)

Status : **Answered**

Chosen Option : 3

Q.15

Three major actions in the process of Communication are :

- (A) Receiving
- (B) Sending
- (C) Reviewing
- (D) Interpreting
- (E) Analysing

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723693](#)

Option 1 ID : [53307214373](#)

Option 2 ID : [53307214374](#)

Option 3 ID : [53307214375](#)

Option 4 ID : [53307214376](#)

Status : **Answered**

Chosen Option : **3**

Q.16

Arrange the following states in ascending order according to their area under forest cover :

- (A) Arunachal Pradesh
- (B) Chhattisgarh
- (C) Maharastra
- (D) Odisha
- (E) Madhya Pradesh

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723712](#)

Option 1 ID : [53307214449](#)

Option 2 ID : [53307214450](#)

Option 3 ID : [53307214451](#)

Option 4 ID : [53307214452](#)

Status : **Answered**

Chosen Option : **2**

Q.17 Match List - I with List - II.

List - I
(Forms of Non-existence)

- (A) Anyonyābhāva
- (B) Atyantābhāva
- (C) Prāgabhava
- (D) Pradhvamsābhava

List - II
(Representation)

- (I) Hare's horn
- (II) there is non-existence of the jar now
- (III) This is not that
- (IV) Temporary absence of a thing

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723703](#)

Option 1 ID : [53307214413](#)

Option 2 ID : [53307214414](#)

Option 3 ID : [53307214415](#)

Option 4 ID : [53307214416](#)

Status : **Answered**

Chosen Option : **3**

Q.18 The amount of biomass produced by the plants through photosynthesis minus respiration losses in a given time period is known as :

- (1) Gross Primary Productivity
- (2) Net Primary Productivity
- (3) Gross Ecological Productivity
- (4) Net Secondary Productivity

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723710](#)

Option 1 ID : [53307214441](#)

Option 2 ID : [53307214442](#)

Option 3 ID : [53307214443](#)

Option 4 ID : [53307214444](#)

Status : **Answered**

Chosen Option : **2**

Q.19 Which among the following fuels produces least amount of soot particles during combustion ?

- (1) Petrol
- (2) Kerosene
- (3) Diesel
- (4) Compressed Natural Gas (CNG)

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723711](#)

Option 1 ID : [53307214445](#)

Option 2 ID : [53307214446](#)

Option 3 ID : [53307214447](#)

Option 4 ID : [53307214448](#)

Status : **Answered**

Chosen Option : **4**

Q.20 What among the following is incorrect about SWAYAM Prabha ?

- (1) It was launched by Sri Abul Kalam Azad.
- (2) Satellite is used for telecasting the educational contents through DTH channels.
- (3) The web portal of SWAYAM Prabha is maintained by INFLIBNET, Gujarat.
- (4) The contents for SWAYAM Prabha are provided by NPTEL, IITs, UGC, CEC and IGNOU.

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723684](#)

Option 1 ID : [53307214337](#)

Option 2 ID : [53307214338](#)

Option 3 ID : [53307214339](#)

Option 4 ID : [53307214340](#)

Status : **Answered**

Chosen Option : **1**

Q.21 Match List - I with List - II.

List - I
(Internet Term)

- (A) Blogs
- (B) Podcasts
- (C) Tagging
- (D) Wikis

List - II
(Description)

- (I) Allows users to create and edit web pages using a browser
- (II) A type of bookmarking where a user "marks" a webpage or photo using text to describe its contents
- (III) A series of digital media files
- (IV) Personal internet journals

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

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

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723709](#)

Option 1 ID : [53307214437](#)

Option 2 ID : [53307214438](#)

Option 3 ID : [53307214439](#)

Option 4 ID : [53307214440](#)

Status : **Answered**

Chosen Option : **3**

Q.22 According to National Credit Framework (NCrF) the credit level earned after Doctoral degree (Ph.D.) will be :

- (1) 7
- (2) 8
- (3) 9
- (4) 10

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723719](#)

Option 1 ID : [53307214477](#)

Option 2 ID : [53307214478](#)

Option 3 ID : [53307214479](#)

Option 4 ID : [53307214480](#)

Status : **Answered**

Chosen Option : **2**

- Q.23** What among the following can be correctly claimed in the light of 'Assessment Rubrics' ?
- (A) A tool used to interpret and grade students on the basis of some criterion.
 - (B) A means to increase subjective evaluation by the evaluator.
 - (C) It ensures transparency and fairness in the marking process.
 - (D) It provides an opportunity to set arbitrary standards and guidelines for moderation.
 - (E) It is an innovative evaluation system.

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723680](#)

Option 1 ID : [53307214321](#)

Option 2 ID : [53307214322](#)

Option 3 ID : [53307214323](#)

Option 4 ID : [53307214324](#)

Status : **Answered**

Chosen Option : 1

- Q.24** What can be correctly inferred about the Traditional Teaching Method and Support System ?

- (A) Teacher is responsible to control the class and teach with the usage of blackboard
- (B) It is also known as 'Back-to Basics' System.
- (C) The student carries the responsibilities to use self-learning tools.
- (D) Virtual labs are used as one of the Teaching tools.
- (E) Charts, Maps and Textbooks are the prime resources and handouts are used by the teacher

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723683](#)

Option 1 ID : [53307214333](#)

Option 2 ID : [53307214334](#)

Option 3 ID : [53307214335](#)

Option 4 ID : [53307214336](#)

Status : **Answered**

Chosen Option : 4

Q.25 Match List - I with List - II.

List - I (Applications)	List - II (Communication term)
(A) Interviews	(I) Group Communication
(B) Newspaper	(II) Intrapersonal Communication
(C) Classroom	(III) Interpersonal Communication
(D) Meditation	(IV) Mass Communication

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723694](#)

Option 1 ID : [53307214377](#)

Option 2 ID : [53307214378](#)

Option 3 ID : [53307214379](#)

Option 4 ID : [53307214380](#)

Status : **Answered**

Chosen Option : **4**

Q.26 Identify the correct order of the following major technological changes A-D in the development of computers based on first to fourth generation of computers :

- (A) Transistors
- (B) Microprocessor
- (C) Vacuum tubes
- (D) Integrated circuits

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723707](#)

Option 1 ID : [53307214429](#)

Option 2 ID : [53307214430](#)

Option 3 ID : [53307214431](#)

Option 4 ID : [53307214432](#)

Status : **Answered**

Chosen Option : **4**

Q.27 Eye irritation is the common phenomenon during smog. It is mostly caused by :

- (A) Formaldehyde
- (B) Per-oxy acetyl Nitrate
- (C) Ozone
- (D) Acrolin

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723713](#)

Option 1 ID : [53307214453](#)

Option 2 ID : [53307214454](#)

Option 3 ID : [53307214455](#)

Option 4 ID : [53307214456](#)

Status : **Answered**

Chosen Option : **2**

Q.28 Arrange the data sets with following pairs of mean (\bar{x}) and standard derivation (σ) in increasing order of their coefficient of variation.

- (A) $\bar{x} = 8, \sigma = 1.7$
- (B) $\bar{x} = 11, \sigma = 2.2$
- (C) $\bar{x} = 15, \sigma = 3.6$
- (D) $\bar{x} = 16, \sigma = 3$

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723687](#)

Option 1 ID : [53307214349](#)

Option 2 ID : [53307214350](#)

Option 3 ID : [53307214351](#)

Option 4 ID : [53307214352](#)

Status : **Answered**

Chosen Option : **1**

Q.29 Match List - I with List - II.

List - I
(International Treaties)

- (A) Sendai Framework
- (B) Monterrey Concensus
- (C) Beijing Declaration
- (D) Brundtland Report

List - II
(Key Objectives)

- (I) Equality between men and women
- (II) Our common future
- (III) Disaster Risk Reduction
- (IV) Financing for development

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723714](#)

Option 1 ID : [53307214457](#)

Option 2 ID : [53307214458](#)

Option 3 ID : [53307214459](#)

Option 4 ID : [53307214460](#)

Status : **Answered**

Chosen Option : 2

Q.30 Which of the following can not be treated as the folk tradition of communication in India ?

- (1) Cinema
- (2) Jatra
- (3) Ramleela
- (4) Kumbh Mela

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723691](#)

Option 1 ID : [53307214365](#)

Option 2 ID : [53307214366](#)

Option 3 ID : [53307214367](#)

Option 4 ID : [53307214368](#)

Status : **Answered**

Chosen Option : 1

Q.31 A person sold an item at a loss of 7%. Had he sold the item at a gain of 7.5%, he would have received Rs. 87 more than his selling price. The cost price of the item is :

- (1) Rs. 500
- (2) Rs. 550
- (3) Rs. 600
- (4) Rs. 650

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723695](#)

Option 1 ID : [53307214381](#)

Option 2 ID : [53307214382](#)

Option 3 ID : [53307214383](#)

Option 4 ID : [53307214384](#)

Status : **Answered**

Chosen Option : **3**

Q.32 Identify the numbers that occur in the series 1, 7, 17, 31, 49,

- (A) 74
- (B) 95
- (C) 97
- (D) 127
- (E) 161

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

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

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723698](#)

Option 1 ID : [53307214393](#)

Option 2 ID : [53307214394](#)

Option 3 ID : [53307214395](#)

Option 4 ID : [53307214396](#)

Status : **Answered**

Chosen Option : **2**

Q.33

Arrange the '5 Ws' of communication in proper sequence :

- (A) Why
- (B) When
- (C) What
- (D) Who
- (E) Where

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

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

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723692](#)

Option 1 ID : [53307214369](#)

Option 2 ID : [53307214370](#)

Option 3 ID : [53307214371](#)

Option 4 ID : [53307214372](#)

Status : **Answered**

Chosen Option : 1

Q.34

Which is the first newspaper published in India in modern times ?

- (1) Hickey's Bengal Gazette
- (2) India Gazette
- (3) Samvad Kaumudi
- (4) Udant Martand

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723690](#)

Option 1 ID : [53307214361](#)

Option 2 ID : [53307214362](#)

Option 3 ID : [53307214363](#)

Option 4 ID : [53307214364](#)

Status : **Answered**

Chosen Option : 3

- Q.35** In a race of 500 m run, A beats B by 20 m and C by 80 m. If B and C are running another race of 100 m with exactly same speed as before, then by how many meters will B beat C ?
- (1) 10.0 m
 - (2) 8.5 m
 - (3) 15.0 m
 - (4) 12.5 m

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723696](#)

Option 1 ID : [53307214385](#)

Option 2 ID : [53307214386](#)

Option 3 ID : [53307214387](#)

Option 4 ID : [53307214388](#)

Status : **Answered**

Chosen Option : **2**

- Q.36** If $(L)_M$ represents a number L in base-M number system, then what will be the value of $(107)_{16} + (257)_{16}$?
- (1) $(762)_{10}$
 - (2) $(862)_{10}$
 - (3) $(962)_{10}$
 - (4) $(662)_{10}$

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723705](#)

Option 1 ID : [53307214421](#)

Option 2 ID : [53307214422](#)

Option 3 ID : [53307214423](#)

Option 4 ID : [53307214424](#)

Status : **Answered**

Chosen Option : **2**

Q.37 According to UGC regulations 2018 on plagiarism, which of the following similarities constitute Level - 1 plagiarism ?

- (A) 12%
- (B) 42%
- (C) 28%
- (D) 56%
- (E) 37%

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 (E) only
- (4) (B), (C) and (E) only

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723688](#)

Option 1 ID : [53307214353](#)

Option 2 ID : [53307214354](#)

Option 3 ID : [53307214355](#)

Option 4 ID : [53307214356](#)

Status : **Answered**

Chosen Option : **3**

Q.38 Match List - I with List - II.

List - I (Word)	List - II (Unique Code)
(A) Q U A K E	(I) K T F U L
(B) O F T E N	(II) V H Q D U
(C) P E A C H	(III) I E Y O U
(D) D R I V E	(IV) J U Y W R

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

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

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723699](#)

Option 1 ID : [53307214397](#)

Option 2 ID : [53307214398](#)

Option 3 ID : [53307214399](#)

Option 4 ID : [53307214400](#)

Status : **Answered**

Chosen Option : **3**

Q.39 Match List - I with List - II.

List - I
(Types of Teaching)

- (A) Macro teaching
- (B) Micro teaching
- (C) Station teaching
- (D) Cooperative teaching

List - II
(Description)

- (I) A teaching technique especially used in teacher's pre-service education to train them systematically
- (II) An approach where the educators divide the content among themselves and students sit with one educator before moving to the other
- (III) A situation in a classroom where two teachers work on a class together
- (IV) When a teacher provides instruction to the entire class at one time for an extended period of time

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

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

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723681](#)

Option 1 ID : [53307214325](#)

Option 2 ID : [53307214326](#)

Option 3 ID : [53307214327](#)

Option 4 ID : [53307214328](#)

Status : **Answered**

Chosen Option : **3**

Q.40 What among the following can be ascribed to learning styles ?

- (A) It is a way 'how' the student learns
- (B) They are strengths and preferences of the learners for responding to the stimuli in the environment
- (C) It is 'What' the learner learns
- (D) It is a behavioural pattern developed for any new learning

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

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

Options 1. 1

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

Question Type : **MCQ**

Question ID : [5330723682](#)

Option 1 ID : [53307214329](#)

Option 2 ID : [53307214330](#)

Option 3 ID : [53307214331](#)

Option 4 ID : [53307214332](#)

Status : **Answered**

Chosen Option : **2**

- Q.41** To record voice narration for your Microsoft PowerPoint presentation, your computer must have :
- (A) Sound card
 - (B) An internet connection
 - (C) Speakers
 - (D) An external video port
 - (E) Microphone

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

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

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723708](#)

Option 1 ID : [53307214433](#)

Option 2 ID : [53307214434](#)

Option 3 ID : [53307214435](#)

Option 4 ID : [53307214436](#)

Status : **Answered**

Chosen Option : **3**

- Q.42** In computer networking, an IP version-6 is _____ times larger than an IP version-4 address.

- (1) 2
- (2) 4
- (3) 6
- (4) 8

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723706](#)

Option 1 ID : [53307214425](#)

Option 2 ID : [53307214426](#)

Option 3 ID : [53307214427](#)

Option 4 ID : [53307214428](#)

Status : **Answered**

Chosen Option : **1**

Q.43 Among the following which is correct in the context of Śabda Pramāṇa ?

- (1) For Sāṃkhya, a word signifies universal
- (2) For, Jainas, a word signifies a particular
- (3) For old Nyāya, a word symbolizes universal only
- (4) For Vedantins, a word primarily means the class character of individuals

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723704](#)

Option 1 ID : [53307214417](#)

Option 2 ID : [53307214418](#)

Option 3 ID : [53307214419](#)

Option 4 ID : [53307214420](#)

Status : **Answered**

Chosen Option : 1

Q.44 Arrange the following ancient Indian Institutes from East to West direction.

- (A) Takshashila
- (B) Nalanda
- (C) Vikramshila
- (D) Shardapeeth

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

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

Options 1. 1

2. 2
3. 3
4. 4

Question Type : **MCQ**

Question ID : [5330723715](#)

Option 1 ID : [53307214461](#)

Option 2 ID : [53307214462](#)

Option 3 ID : [53307214463](#)

Option 4 ID : [53307214464](#)

Status : **Answered**

Chosen Option : 2

Q.45 Which of the following is known as “One Nation One Student ID” card ?

- (1) Aadhar card
- (2) Pan card
- (3) APAAR card
- (4) Voter’s ID card

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723718](#)

Option 1 ID : [53307214473](#)

Option 2 ID : [53307214474](#)

Option 3 ID : [53307214475](#)

Option 4 ID : [53307214476](#)

Status : **Answered**

Chosen Option : **3**

Comprehension:

Read the following passage and answer the questions that follow :

Odisha has colourful fairs and festivals and are as numerous as the days of the year. The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple to the divine shrine called the Gundicha Temple is known as the Car Festival or the Rath Yatra. On this occasion, the deities adorn three chariots named Nandigosha, Taladhawaja and Darpadalana respectively. They stay in the divine shrine for nine days and then return to the Jagannath Temple. This journey is called Bahuda Jatra. This grand festival of Odisha is visited by lakhs of devotees from India and abroad who pull the sacred chariots from the Jagannath Temple to the Gundicha Temple and back on a broad road called Badadanda. The festival begins from the second day of Shukla Paksha (bright half) in the month of Ashadha (June-July) every year. This festival of Lord Jagannath, who is worshipped as the Lord of the Universe, is celebrated not only in Puri, but also in many other places in India and abroad.

SubQuestion No : 46

Q.46 Whereas the festival of Lord Jagannath is celebrated in many places in India and abroad, it is primarily associated with which city ?

- (1) Bhuvaneswar
- (2) Puri
- (3) Cuttack
- (4) Konark

- Options**
- 1. 1
 - 2. 2
 - 3. 3
 - 4. 4

Question Type : **MCQ**

Question ID : [5330723721](#)

Option 1 ID : [53307214481](#)

Option 2 ID : [53307214482](#)

Option 3 ID : [53307214483](#)

Option 4 ID : [53307214484](#)

Status : **Answered**

Chosen Option : **2**

Comprehension:

Read the following passage and answer the questions that follow :

Odisha has colourful fairs and festivals and are as numerous as the days of the year. The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple to the divine shrine called the Gundicha Temple is known as the Car Festival or the Rath Yatra. On this occasion, the deities adorn three chariots named Nandigosha, Taladhwaja and Darpadalana respectively. They stay in the divine shrine for nine days and then return to the Jagannath Temple. This journey is called Bahuda Jatra. This grand festival of Odisha is visited by lakhs of devotees from India and abroad who pull the sacred chariots from the Jagannath Temple to the Gundicha Temple and back on a broad road called Badadanda. The festival begins from the second day of Shukla Paksha (bright half) in the month of Ashadha (June-July) every year. This festival of Lord Jagannath, who is worshipped as the Lord of the Universe, is celebrated not only in Puri, but also in many other places in India and abroad.

SubQuestion No : 47

Q.47 What are the names of the deities who accompany Lord Jagannath in the Rath Yatra ?

- (1) Subhadra and Balabhadra
- (2) Balabhadra and Shiva
- (3) Subhadra and Hidimba
- (4) Balabhadra and Hidimba

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723722](#)

Option 1 ID : [53307214485](#)

Option 2 ID : [53307214486](#)

Option 3 ID : [53307214487](#)

Option 4 ID : [53307214488](#)

Status : **Answered**

Chosen Option : 1

Comprehension:

Read the following passage and answer the questions that follow :

Odisha has colourful fairs and festivals and are as numerous as the days of the year. The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple to the divine shrine called the Gundicha Temple is known as the Car Festival or the Rath Yatra. On this occasion, the deities adorn three chariots named Nandigosha, Taladhwaja and Darpadalana respectively. They stay in the divine shrine for nine days and then return to the Jagannath Temple. This journey is called Bahuda Jatra. This grand festival of Odisha is visited by lakhs of devotees from India and abroad who pull the sacred chariots from the Jagannath Temple to the Gundicha Temple and back on a broad road called Badadanda. The festival begins from the second day of Shukla Paksha (bright half) in the month of Ashadha (June-July) every year. This festival of Lord Jagannath, who is worshipped as the Lord of the Universe, is celebrated not only in Puri, but also in many other places in India and abroad.

SubQuestion No : 48

Q.48 The Car Festival is conducted on a broad road that is called _____.

- (1) Darpadalana
- (2) Ashadha
- (3) Badadanda
- (4) Taladhwaja

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723724](#)

Option 1 ID : [53307214493](#)

Option 2 ID : [53307214494](#)

Option 3 ID : [53307214495](#)

Option 4 ID : [53307214496](#)

Status : **Answered**

Chosen Option : **3**

Comprehension:

Read the following passage and answer the questions that follow :

Odisha has colourful fairs and festivals and are as numerous as the days of the year. The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple to the divine shrine called the Gundicha Temple is known as the Car Festival or the Rath Yatra. On this occasion, the deities adorn three chariots named Nandigosha, Taladhwaja and Darpadalana respectively. They stay in the divine shrine for nine days and then return to the Jagannath Temple. This journey is called Bahuda Jatra. This grand festival of Odisha is visited by lakhs of devotees from India and abroad who pull the sacred chariots from the Jagannath Temple to the Gundicha Temple and back on a broad road called Badadanda. The festival begins from the second day of Shukla Paksha (bright half) in the month of Ashadha (June-July) every year. This festival of Lord Jagannath, who is worshipped as the Lord of the Universe, is celebrated not only in Puri, but also in many other places in India and abroad.

SubQuestion No : 49

Q.49 What is the name assigned to the journey wherein the deities return to the Jagannath Temple after nine days ?

- (1) Rath Yatra
- (2) Wapsi Yatra
- (3) Maha Yatra
- (4) Bahuda Jatra

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723725](#)

Option 1 ID : [53307214497](#)

Option 2 ID : [53307214498](#)

Option 3 ID : [53307214499](#)

Option 4 ID : [53307214500](#)

Status : **Answered**

Chosen Option : **1**

Comprehension:

Read the following passage and answer the questions that follow :

Odisha has colourful fairs and festivals and are as numerous as the days of the year. The sacred journey of Lord Jagannath with brother Balabhadra and sister Subhadra from the Jagannath Temple to the divine shrine called the Gundicha Temple is known as the Car Festival or the Rath Yatra. On this occasion, the deities adorn three chariots named Nandigosha, Taladhawaja and Darpadalana respectively. They stay in the divine shrine for nine days and then return to the Jagannath Temple. This journey is called Bahuda Jatra. This grand festival of Odisha is visited by lakhs of devotees from India and abroad who pull the sacred chariots from the Jagannath Temple to the Gundicha Temple and back on a broad road called Badadanda. The festival begins from the second day of Shukla Paksha (bright half) in the month of Ashadha (June-July) every year. This festival of Lord Jagannath, who is worshipped as the Lord of the Universe, is celebrated not only in Puri, but also in many other places in India and abroad.

SubQuestion No : 50

Q.50 The sacred journey of Lord Jagannath is traditionally undertaken onward to which divine shrine ?

- (1) Jagannath Temple
- (2) Subhadra Temple
- (3) Balabhadra Temple
- (4) Gundicha Temple

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723723](#)

Option 1 ID : [53307214489](#)

Option 2 ID : [53307214490](#)

Option 3 ID : [53307214491](#)

Option 4 ID : [53307214492](#)

Status : **Answered**

Chosen Option : **4**

Section : Computer Science and Applications

Q.51 Let $L(x, y)$ be the statement “ x loves y ” where the domain for both x and y consists of all people in the world. Use quantifiers to express “Joy is loved by everyone”.

- (1) $\forall x L(x, \text{Joy})$
- (2) $\forall y L(\text{Joy}, y)$
- (3) $\exists y \forall x L(x, y)$
- (4) $\exists x \neg L(\text{Joy}, x)$

Options 1. 1

2. 2

3. 3

4. 4

Question Type : **MCQ**

Question ID : [5330723761](#)

Option 1 ID : [53307214641](#)

Option 2 ID : [53307214642](#)

Option 3 ID : [53307214643](#)

Option 4 ID : [53307214644](#)

Status : **Answered**

Chosen Option : **1**