Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

Group I

Group Number :	1
Group Id :	64065313869
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	682
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No
Revisit allowed for group Instructions? :	Yes
Maximum Instruction Time :	0
Minimum Instruction Time :	0
Group Time In :	Minutes
Navigate To Group Summary From Last Question? :	No
Disable Submit Button During Assessment? :	No
Section Selection Time? :	0
No of Optional sections to be attempted :	0

Statistics1

Section Id :	64065339707
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	11
Number of Questions to be attempted :	11
Section Marks :	40
Display Number Panel :	Yes
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	64065384319
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 640653586899 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "FOUNDATION LEVEL : STATISTICS FOR DATA SCIENCE I (COMPUTER BASED EXAM) "

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?
CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE TOP FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406531958395. ✔ YES

6406531958396. ✖ NO

Sub-Section Number : 2

Sub-Section Id : 64065384320

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 2 Question Id : 640653586900 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Multiple Choice Question

Out of 8 boys and 5 girls, how many queues of 3 boys and 2 girls can be formed?

Options :

6406531958397. ✖ 560

6406531958398. ✖ 1200

6406531958399. ✔ 67200

6406531958400. ✖ 6720

Question Number : 3 Question Id : 640653586905 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Multiple Choice Question

A locker can be opened by 3 digit number between 000 to 999. A thief want to steal the locker. During the background check about the locker, he found that all the digits of the pass code are unique and one of the digit is 4. What is the probability that the thief will open the locker?

Options :

6406531958408. ✖ $\frac{1}{729}$

6406531958409. ✖ $\frac{1}{243}$

6406531958410. ✖ $\frac{1}{192}$

6406531958411. ✔ $\frac{1}{216}$

Question Number : 4 Question Id : 640653586909 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Multiple Choice Question

An analyst wants to conduct a survey for testing the maintenance of hospitals in a particular district in Madhya Pradesh, for which he selects 15 hospitals randomly from that district. Identify the sample and population.

Options :

6406531958418. ✖ The population is all the hospitals in Madhya Pradesh and the sample is all the hospitals in the district.

6406531958419. ✖ The population is all the hospitals in Madhya Pradesh and the sample is 15 selected hospitals in Madhya Pradesh.

6406531958420. ✔ The population is all hospitals in the district of Madhya Pradesh and the sample is 15 selected hospitals in the district.

6406531958421. ✖ None of these

Sub-Section Number : 3

Sub-Section Id :	64065384321
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 5 Question Id : 640653586901 Question Type : SA Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Short Answer Question

Ajay speaks truth in 50% cases, while Vijay speaks truth in 90% cases. What is the probability that Ajay and Vijay will contradict in stating the same fact?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

0.5

Question Number : 6 Question Id : 640653586903 Question Type : SA Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Short Answer Question

In how many ways can letters in the word “ADAMANT” be arranged such that no two A’s are adjacent to each other?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

240

Question Number : 7 Question Id : 640653586907 Question Type : SA Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 4

Question Label : Short Answer Question

In a gaming room, 2 brothers and 4 other boys are playing together. In a particular game, how many ways can all the boys be seated in a circular order so that two brothers are not seated together?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

72

Sub-Section Number :	4
Sub-Section Id :	64065384322
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 8 Question Id : 640653586904 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

The sum of three natural numbers (starting from 1) is 9. How many ordered triplets (a,b,c) exist?

(**Note:** $a = b$ or $b = c$, also, $a = b = c$ is allowed. For example, ordered triplet, (4,3,2) and (2,4,3) are different.)

Options :

6406531958404. ✖ 24

6406531958405. ✔ 28

6406531958406. ✖ 22

6406531958407. ✖ 31

Sub-Section Number : 5

Sub-Section Id : 64065384323

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 9 Question Id : 640653586906 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 5

Question Label : Multiple Choice Question

A logo is to be designed with five horizontal stripes using some or all of the colours Black, Blue, Red, and Green. In how many ways that can be done such that no two adjacent stripes have same colour?

Options :

6406531958412. ✖ 324

6406531958413. ✖ 516

6406531958414. ✔ 528

6406531958415. ✖ 243

Sub-Section Number : 6

Sub-Section Id : 64065384324

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 10 Question Id : 640653586902 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 5

Question Label : Short Answer Question

A blood test indicates the presence of Amyotrophic lateral sclerosis (ALS) 93% of the time when ALS is actually present. The same test indicates the presence of ALS 0.5% of the time when ALS is not actually present. One percent of the population actually has ALS. Calculate the probability that a person actually has ALS given that the test indicates the presence of ALS. (Enter your answer correct to two decimal places)

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

0.62 to 0.68

Sub-Section Number :	7
Sub-Section Id :	64065384325
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 11 Question Id : 640653586908 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Short Answer Question

The dataset consists of three distinct observations, say x, y and z, and the sum of their frequencies is 100. Relative frequencies corresponding to x and z are 35% and 45% respectively. Find the cumulative frequency(in %)of y and z.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

65

Maths2

Section Id :	64065339708
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	9
Number of Questions to be attempted :	9
Section Marks :	25
Display Number Panel :	Yes
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	64065384326
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 12 Question Id : 640653586910 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "FOUNDATION LEVEL : MATHEMATICS FOR DATA