Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

8

Sem1 Statistics1

Section Id :	64065333911
Section Number :	4
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	13
Number of Questions to be attempted :	13
Section Marks :	50
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 :	64065373789
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 78 Question Id : 640653520543 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 : SEMESTER 1: STATISTICS FOR DATA SCIENCE 1"

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 :

6406531735396. ✔ YES

6406531735397. ✖ NO

Sub-Section Number :	2
Sub-Section Id :	64065373790
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 79 Question Id : 640653520544 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

How many 3-digit numbers can be made using only 2 different digits taken from 1 to 9? (Repetition of digits are allowed)

Options :

6406531735398. ✖ 288

6406531735399. ✖ 72

6406531735400. ✖ 144

6406531735401. ✔ 216

Question Number : 80 Question Id : 640653520545 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

The number of whole numbers (starting from zero) smaller than 10^4 of which all the digits are distinct are

Options :

6406531735402. ✖ 5274

6406531735403. ✔ 5275

6406531735404. ✖ 3275

6406531735405. ✖ 4698

Question Number : 81 Question Id : 640653520549 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

In a building with five floors (excluding the ground floor), an elevator starts with four people at the ground floor. Each person is equally likely to leave the lift on any floor except the ground floor. What is the probability that two get off at one floor and two get off at another.

Options :

6406531735415. ✖ $\frac{15}{256}$

6406531735416. ✖ $\frac{12}{125}$

6406531735417. ✔ $\frac{24}{125}$

6406531735418. ✖ $\frac{6}{625}$

Sub-Section Number :	3
Sub-Section Id :	64065373791
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 82 Question Id : 640653520546 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

How many 9's are there between 1 to 1000?

Options :

6406531735406. ✖ 301

6406531735407. ✔ 300

6406531735408. ✖ 299

6406531735409. ✖ 297

Question Number : 83 Question Id : 640653520547 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

How many four-digit numbers, each divisible by 4 can be formed using the digits 5, 6, 7, 8, 9, repetition of digits being allowed in any number?

Options :

6406531735410. ✖ 100

6406531735411. ✖ 150

6406531735412. ✔ 125

6406531735413. ✖ 75

Question Number : 84 Question Id : 640653520553 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

Two dice are rolled once. The probability of getting an odd number at the first die or a total of 7 is

Options :

6406531735422. ✖ $\frac{1}{2}$

6406531735423. ✔ $\frac{7}{12}$

6406531735424. ✖ $\frac{5}{12}$

6406531735425. ✖ $\frac{7}{36}$

Question Number : 85 Question Id : 640653520555 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

Consider a dataset -2, -3, 4, 6, 10. What is the value of IQR for the given dataset?

Options :

6406531735427. ✖ 3

6406531735428. ✔ 9

6406531735429. ✖ 12

6406531735430. ✖ 8

Sub-Section Number : 4

Sub-Section Id : 64065373792

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 86 Question Id : 640653520548 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

Tickets numbered from 1 to 100 are mixed up, and then a ticket is drawn at random. What is the probability that the ticket drawn has a number multiple of 3 or 5 or 7? (Enter the answer correct to 2 decimal accuracy)

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

0.53 to 0.57

Question Number : 87 Question Id : 640653520550 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

The following table shows the interest of the engineering students on Core and software skills. Find the probability that a student is interested in Software skills, given that the student is male. (Enter the answer correct to 2 decimal accuracy)

	Male	Female	Total
Core Skills	39	8	47
Software	8	45	53
Total	47	53	100

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

0.14 to 0.20

Question Number : 88 Question Id : 640653520551 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

Parcels from Sender “S” to receiver “R” pass sequentially through two post offices. First post office has probability 1/8 of losing an incoming parcel, and second post office has probability 1/5 of losing an incoming parcel, independently of all the other parcels. Given that the parcel is lost, find the probability that it was lost by the second post office? (Enter the answer correct to 2 decimal accuracy)

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

0.55 to 0.61

Question Number : 89 Question Id : 640653520552 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

If the probability of rain in rainy season on any given day in Cherrapunji is 50 percent independent of other day, what is the probability that it rains on exactly 3 days in a 6-day period? (Enter the answer correct to 2 decimal accuracy)

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Range

Text Areas : PlainText

Possible Answers :

0.28 to 0.35

Sub-Section Number :	5
Sub-Section Id :	64065373793
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 90 Question Id : 640653520554 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

Mean and population variance of the dataset $x_1, x_2, ..., x_8$ are 19 and 49 respectively. What is the value of sample variance?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

56

Sem2 English2

Section Id :	64065333912
Section Number :	5
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	23
Number of Questions to be attempted :	23
Section Marks :	50
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 :	64065373794
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 91 Question Id : 640653520556 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 : SEMESTER 2: ENGLISH 2"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?

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Options :