

# 2017 - 2018

## STATISTICS

17 UBC 1A1

### Bisection:

1.  $x^3 - 4x - 9 = 0$  correct to 3 decimal places.
2.  $x^3 - 2x - 5 = 0$  correct to 4 decimal places. *Iteration method*
3.  $x^3 + 3x - 1 = 0$  correct to 5 decimal places. *Horner's method.*
4. Gauss Elimination method & Gauss Jordan method.

$$x + 2y + z = 3$$

$$2x + 3y + 3z = 10$$

$$3x - y + 2z = 13$$

5. Inverse method

$$A = \begin{bmatrix} 3 & -1 & 1 \\ -15 & 6 & -5 \\ 5 & -2 & 2 \end{bmatrix}$$

6. Triangularization method.

$$5x - 2y + z = 4$$

$$7x + y - 5z = 8$$

$$3x + 7y + 4z = 10$$

7. Lagrange's method. Find  $y(10)$  from the following table.

|   |    |    |    |    |
|---|----|----|----|----|
| x | 5  | 6  | 9  | 11 |
| y | 12 | 13 | 14 | 16 |

8. The population of a certain town is given below find the rate of the population in 1931.

|            |       |       |       |        |        |
|------------|-------|-------|-------|--------|--------|
| Year       | 1931  | 1941  | 1951  | 1961   | 1971   |
| Population | 40.62 | 60.80 | 79.95 | 103.56 | 132.65 |

9. Evaluate  $\int_0^6 \frac{1}{1+x} dx$  using trapezoidal rule.

10. Evaluate  $\int_{-3}^{+3} x^4 dx$  using Simpson's  $\frac{3}{8}$  and  $\frac{1}{3}$  rule.

11. Karl Pearson coefficient of correlation from the following data.

|               |   |    |    |    |    |
|---------------|---|----|----|----|----|
| R.No :        | 1 | 2  | 3  | 4  | 5  |
| Mark C : 48   |   | 35 | 17 | 23 | 47 |
| Mark C++ : 45 |   | 20 | 40 | 25 | 45 |

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12/12/18

# 2017- 2018

## FDC Questions

1. Flowchart & its symbols with eg (find the greatest of 3 numbers)
2. Number conversion – Decimal to octal,hexa,binary (All other codes to decimal)
3. Algebraic postulates – Theorems & Properties.
4. Logic gates & keyboards.
5. RAM – ROM – PROM – EPROM.
6. Full Address & Half Address.
7. Full Subtractor & half Subtractor.
8. Decoders & Encoders.
9. Multiplexers & Demultiplexers.
10. Multilevel NAND & NOR circuits.
11. Clocked RS,D,T Flip flops.
12. Shift Registers & Ripple Counters.
13. Punched Tape & Punched Cards / Card Readers.
14. Printers – Impact & Non- impact.
15. Error Detecting & Correcting Codes / Magnetic tape.

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# 2017- 2018

## C Questions

1. Explain about Tokens.
2. Explain about Operators.
3. Write the Structure of C program.
4. Discuss about if & if..else.
5. Discuss about while & do..while().
6. Explain about for statement.
7. Formated I/O & O/P.
8. Explain the Arrays.
9. Discuss about Functions.
10. Types of Functions.
11. Write about the Structures.
12. Write about Pointers.
13. Explain the Defining, Opening & Closing a file.
14. I/O operations on files.
15. Discuss about Random Access file

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12/11/18

SUB CODE :

SUB NAME : STAT

STAFF NAME

S.NO NAME OF THE STUDENT

25/1/18 24/1/18 23/1/18 22/1/18 21/1/18 20/1/18 19/1/18 18/1/18 17/1/18 16/1/18 15/1/18 14/1/18 13/1/18 12/1/18 11/1/18 10/1/18 9/1/18 8/1/18 7/1/18 6/1/18 5/1/18 4/1/18 3/1/18 2/1/18 1/1/18

1. GOWTHAM RAJ
2. JAYANTH
3. MELCHISON
4. PRAMOTH
5. PRAVEEN RAO
6. PRAVEEN
7. SATHEESH

a - a - 1 a - a - a -  
 1 9 a - 2 a - 1 10 1 5  
 a - 1 1 1 1 10 1 5  
 a - a - 0 a - a - a -  
 1 9 1 1 1 1 10 a -  
 a - a - 1 a - a - a -  
 1 9 1 a 1 1 10 1 5

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SUB NAME: C

STAFF NAME

| S.No | NAME OF THE STUDENT | 23/1/18 | 1/2/18  | 9/2/18 | (107) | 21/2 |
|------|---------------------|---------|---------|--------|-------|------|
| 1.   | GOWDATHAM RAJ       | a       | - a     | - a    | -     | 1 5  |
| 2.   | MELGIBSON           | /       | 14 / 8  | a      | -     | 1 7  |
| 3.   | PRAVEEN             | /       | 12 / 4  | a      | -     | 1 2L |
| 4.   | SATHESH KUMAR       | a       | - / 6   | /      | 4     | a -  |
| 5.   | VARUNAKARAN         | /       | 17 a    | - /    | 4     | 1 7  |
| 6.   | VIGINESH KUMAR      | /       | 13L / 6 | DW     | -     | 1 8  |
| 7.   | VIJAYA RAJA         | /       | 16L a   | - a    | -     | 1 7  |
| 8.   | VISHNU KANTH GUPTA  | a       | - a     | - a    | -     | 1 5L |
| 9.   | ANANDHI             | /       | - / 16L | /      | 7L    | 1 7  |
| 10.  | PRETHKA             | /       | 19 / 17 | /      | 7L    | 1 3L |

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Answer  
2018

| SUB CODE: TTUBCL04  |                       | 31/1        | 20/1 | 12/9 | 18/10 | 27/10 | 18/10 |
|---------------------|-----------------------|-------------|------|------|-------|-------|-------|
| NAME OF THE STUDENT |                       | SUB NAME: C |      |      |       |       |       |
| 01.                 | ARUL RAJ . D          | 1           | 11   | 1    | 15    | 1     | 82    |
| 02.                 | BALA NAGARAJ . A      | a           | -    | a    | -     | a     | -     |
| 03.                 | CHANDRA PRAKASH . L.Y | 1           | 72   | 1    | 16    | 1     | 72    |
| 04.                 | DHARMARAJ . M         | 1           | 7    | 1    | 14    | a     | -     |
| 05.                 | DHINAKARAN . S        | 1           | 5    | a    | -     | 7     | 42    |
| 06.                 | HARI SANJEEVI . R     | 1           | 8    | 1    | 16    | 6     | 4     |
| 07.                 | NITHISH KUMAR . S     | a           | 8    | 1    | 15    | 72    | 2     |
| 08.                 | SAKTHINEL . R         | 1           | 8    | 1    | 12    | 8     | 4     |
| 09.                 | SATHISH KUMAR . P     | 1           | 8    | a    | -     | 8     | 4     |
| 10.                 | SIDARTHAN . R         | a           | -    | 1    | 15    | 3     | 3     |
| 11.                 | SURYA PRAKASH . G     | a           | -    | 1    | 16    | 52    | a     |
| 12.                 | UMA SHANKAR . M       | a           | -    | 1    | 15    | a     | -     |
| 13.                 | VANJITH . S           | 1           | 52   | a    | -     | 7     | 2     |
| 14.                 | VEL MURUGIAN . T      | 1           | 82   | a    | -     | a     | -     |
| 15.                 | GOKILA . L            | 1           | 8    | 1    | 8     | 72    | 72    |
| 16.                 | KAVI PRIYA . S        | 1           | 8    | 1    | 8     | 72    | 52    |
| 17.                 | THARANI VIDHYA . B    | 1           | 9    | 1    | 9     | 8     | 72    |
| 18.                 | ANAND . S             | 1           | 62   | a    | -     | 6     | 3     |
| 19.                 | GOKUL PRASADH . S     | a           | -    | a    | -     | a     | -     |
| 20.                 | NATARAJ . B           | 1           | 11   | 1    | 12    | 8     | 32    |

STAFF NAME: J. Umamaheswari

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SUB CODE: 17VBC102

SUB NAME: FDC

STAFFNAME: N. <sup>2</sup>Syamala.

| S.NO | NAME OF THE STUDENT   | 29.1.18<br>(20) | 6/2/18 | 22/2/18 | 5/3/18 | 19/3/18 |
|------|-----------------------|-----------------|--------|---------|--------|---------|
| 1.   | ANAND . S             | 1               | 3      | a       | -      | a       |
| 2.   | ARULVIJAY . U.M       | a               | a      | a       | -      | a       |
| 3.   | BALANAGARAJ . A       | a               | a      | a       | -      | a       |
| 4.   | CHANDRA PRAKASH . L.Y | 1               | 5      | 1       | 5      | 1       |
| 5.   | DHARMARAJ . M         | a               | a      | a       |        | a       |
| 6.   | DHINAKARAN . S        | 1               | 3      | 1       | 4      | a       |
| 7.   | GOKUL PRASADH . S     | a               | a      | 1       | 5      | a       |
| 8.   | HARI SANJEEVI . R     | 1               | 10     | 1       | 4      | 1       |
| 9.   | HARI HARAN . N.M      | 1               | 6      | 1       | 4      | a       |
| 10.  | JEGIAN KUMAR . S      | a               | a      | 1       |        | 1       |
| 11.  | MATHI SEKAR . N       | 1               | 3      | 1       |        | a       |
| 12.  | MYTHREYAN . M         | 1               | 5      | 1       | 6      | 1       |
| 13.  | NATARAJ . B           | 1               | 5      | 1       | 2      | a       |
| 14.  | NITHISH KUMAR . S     | 1               | 3      | 1       | 9      | 1       |
| 15.  | PARTHIPAN . S         | 1               | 10     | 1       | 7      | 1       |
| 16.  | PRABAKARAN . S        | 1               | 8      | 1       | 6      | 1       |
| 17.  | SIDARTHAN . R         | 1               | 4      | 1       |        | a       |
| 18.  | SURYAPRAKASH . G      | a               | a      | a       | -      | a       |
| 19.  | UMA SHANKAR . M       | 1               | 4      | a       | -      | 1       |

20. VANIJITH . S

1 7 1 4

a 1

21. VELMURUGIAN . T

1 3 1 2

a a

SUB CODE: 17VBC1A

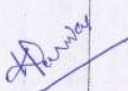
SUB NAME: STAT

STAFF NAME: A. Rajarajasekar

| S. NO | NAME OF THE STUDENT  | 25/1/18 | 30/1/18 | 5/2/18 | 12/2/18 | 21/2/18 | 1/3/18 |
|-------|----------------------|---------|---------|--------|---------|---------|--------|
| 1.    | ANAND.S              | 1       | a       | 1 2    | 1 10    |         | a      |
| 2.    | ARUN.K.S             | 1       | 1       | 1 4    | 1 10    |         | 1      |
| 3.    | BALANAGIRAJ.A        | (a)     | a       | a      | a a     |         | a      |
| 4.    | CHANDRA PRAKASH.L.Y  | 1       | 1       | 1 10   | 1 10    |         | a      |
| 5.    | DHARMARAJ.M          | 1       | 1       | a      | 1 10    |         | 1      |
| 6.    | DHINAKARAN.S         | 1       | 1       | 1 6    | 1 10    |         | a      |
| 7.    | GICKUL PRASADH.S     | a       | a       | 1 10   | 1 8     |         | a      |
| 8.    | HARI SANJEEVI.R      | 1       | 1       | 1 5    | 1 4     |         | 1      |
| 9.    | MATHI SEKAR.N        | (a)     | 1       | a 7    | 1 6     |         | a      |
| 10.   | MOHANA SUNDARAM.T    | a       | 1       | 1      | 1 10    |         | 1      |
| 11.   | MYTHREYAN.M          | 1       | 1       | 1 5    | 1 10    |         | a      |
| 12.   | NATARAJ.B            | (a)     | 1       | a      | 1 10    |         | a      |
| 13.   | NITHISH KUMAR.S      | 1       | 1 10    | 1 5    | 1 10    |         | 1      |
| 14.   | PARTHIPAN.S          | 1 4     | 1 10    | 1 10   | 1 10    |         | a      |
| 15.   | RAGHUL MANIKANTHAN.T | 1       | 1       | 1 10   | 1 10    |         | 1      |
| 16.   | RAJESH.P             | a       | 1       | 1 5    | 1 10    |         | 1      |
| 17.   | SAKTHIVEL.R          | 1       | 1       | 1 5    | 1 4     |         | 1      |
| 18.   | SELVARUMAR.K         | a       | 1       | 1 5    | 1 10    |         | a      |

|     |             |   |   |   |     |  |   |
|-----|-------------|---|---|---|-----|--|---|
| 19. | SIDARTHAN.R | 1 | 1 | a | 1 5 |  | a |
| 20. | SELVARAJA.P | a | a | a | a a |  | a |

|    |                    |   |   |   |    |   |   |
|----|--------------------|---|---|---|----|---|---|
| 17 | SIDARTHAN . R      | 1 | 4 | 1 |    | u | u |
| 18 | SURYA PRAKASH . G  | a | a | a | -  | a | 1 |
| 19 | UMA SHANKAR . M    | 1 | 4 | a | -  | 1 | 1 |
| 20 | VANJITH . S        | 1 | 7 | 1 | 4  | a | 1 |
| 21 | VELMURUGAN . T     | 1 | 3 | 1 | 2  | a | a |
| 22 | BHAVADARANI . S    | 1 | 6 | 1 | 8  | 4 | 1 |
| 23 | JANANIE . K        | 1 | 9 | 1 | 14 | 5 | 1 |
| 24 | KAVI PRIYA . S     | 1 | 8 | 1 | 6  | 1 | 1 |
| 25 | JAYALAKSHMI . P    | 1 | 8 | a | 10 | 5 | 1 |
| 26 | KEERTHANA . M      | a | a | 1 |    | 1 | a |
| 27 | MUGUNTHALA . S     | 1 | 8 | 1 | 10 | 1 | 1 |
| 28 | THARANI VIDHYA . B | a | a | a | 2  | 4 | 1 |

  
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|    |                |   |   |   |   |   |    |   |  |  |  |  |  |  |  |  |  |  |  |
|----|----------------|---|---|---|---|---|----|---|--|--|--|--|--|--|--|--|--|--|--|
| 17 | SAKTHIVEL . R  | 1 | 1 | 1 | 5 | 1 | 4  | 1 |  |  |  |  |  |  |  |  |  |  |  |
| 18 | SELVARUMAR . K | a | 1 | 1 | 5 | 1 | 10 | a |  |  |  |  |  |  |  |  |  |  |  |

|    |                    |   |    |    |    |    |    |    |    |    |    |   |  |  |  |  |  |  |  |
|----|--------------------|---|----|----|----|----|----|----|----|----|----|---|--|--|--|--|--|--|--|
| 19 | SIDARITHAN . R     | 1 | 1  | a  | 1  | 5  |    | a  |    |    |    |   |  |  |  |  |  |  |  |
| 20 | SURYA PRAKASH . G  | a | a  | a  | a  | a  |    | a  |    |    |    |   |  |  |  |  |  |  |  |
| 21 | VANJITH . S        | a | 1  | a  | 1  | 10 |    | a  |    |    |    |   |  |  |  |  |  |  |  |
| 22 | VELMURUGIAN . T    | 1 | 1  | 1  | 10 | a  | a  | a  |    |    |    |   |  |  |  |  |  |  |  |
| 23 | JAYALAKSHMI . P    | 1 | 10 | 1  | 10 | 1  | 10 | 1  | 10 | 1  | 10 | a |  |  |  |  |  |  |  |
| 24 | KEERTHANA . M      | 1 | 1  | 1  | 7  | a  | a  |    |    |    |    | a |  |  |  |  |  |  |  |
| 25 | THARANI VIDHYA . B | a | 1  | 10 | 1  | 7  | 1  | 10 | 1  | 10 | 1  |   |  |  |  |  |  |  |  |
| 26 | THEEPIKA . K.C     | a | 1  | 1  | 6  | 1  | 10 |    |    |    |    | 1 |  |  |  |  |  |  |  |
| 27 | UVASHRI . S        | 1 | 10 | 1  | 10 | a  | 1  | 10 | 1  | 10 | 1  |   |  |  |  |  |  |  |  |
| 28 | VANITHA . V        | 1 | 1  | 10 | 1  | 10 | 1  | 10 | 1  | 10 | 1  |   |  |  |  |  |  |  |  |

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# D1 - BCA B Stat

| SNO           | Name                | 2-3-17             | 21-3-17         | 22/3/17 | 23/3/17 |
|---------------|---------------------|--------------------|-----------------|---------|---------|
| 1)            | Shankar suva . K    | Sank S.K           | Sank S.K        | HP      |         |
| 2)            | madhu vignesh . M   | M. Madhuk          |                 |         |         |
| 3)            | Puriyarasu . M      | ufj                | ufj             | ufj     | ✓       |
| <del>4)</del> | <del>Madhuk</del>   |                    |                 |         |         |
| 5             | Karthikeyan . K     | K. Karthikeyan     | AB              |         |         |
| 6             | Marudhanayagam . S  | Sank               | Sank            |         |         |
| 7             | Karunya . K         | ab                 | Karunya         |         |         |
| 8.            | Pouya dharshini . B | B. Pouya dharshini | Pouya dharshini |         |         |

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