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SUBJECT : PAPER-103 : INTRODUCTION TO COMPUTER

FIRST YEAR B.C.A. (SEM. I) EXAMINATION

This pdf file contains YEAR 2013 to 2019 Regular (Oct/Nov/Dec) & A.T.K.T.(March/Apr/May)Exam question Papers list of above subject.

The question Bank will be upload in future for the students

1. Oct/ Nov –2013
2. Nov/Dec –2014
3. Oct/ Nov –2015
4. Oct/ Nov –2016
5. Oct/ Nov –2017
6. Nov/Dec –2018
7. Oct/ Nov –2019
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13. Mar / Apr – 2018
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First Year B.C.A. (Sem. I) (CBCS) Examination

October / November - 2013

Introduction To Computer: Paper-103

(Old & New Course)

[Time: 3 Hours]

[Total Marks: 70]

<p>Fill up strictly the details of signs on your answer book</p> <p>Name of the Examination: <input type="checkbox"/> First Year B.C.A. (Sem. I)(CBCS)</p> <p>Name of the Subject : <input type="checkbox"/> Introduction To Computer: Paper-103 (Old & New)</p> <p>Subject Code No.: <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="3"/></p>	<p>Seat No.:</p> <table border="1"><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></table> <p><input type="text"/></p> <p>Student's Signature</p>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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- (2) All questions are compulsory.
- (3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Five)

10

- (1) What is EBCDIC?
- (2) Who is the father of modern digital computer?
- (3) What is the functionality of input unit?
- (4) Why a computer is also known as a data processor?
- (5) What do you mean by 32-bit and 64-bit computer?
- (6) What is EEPROM?
- (7) What is the difference between digital and analog computer?
- (8) What is Flash Memory?

2. Answer the following questions: 14

- (1) Explain different characteristics of computer in detail.
- (2) Explain types of computers in detail.

OR

2. Answer the following questions: 14

- (1) Draw a block diagram of computer and explain its functional units.
- (2) Explain backup devices in detail.

3. Answer the following: 14

- (1) Write a detail note on OCR and OMR.
- (2) Write a note on DVD-ROM.

OR

- (2) Explain the features of hard disk in detail.

4. Answer the following questions: (Any Two) 14

- (1) Inkjet printer Vs. Drum printer
- (2) Cache memory Vs. Virtual memory
- (3) Primary storage Vs. Secondary storage

5. Attempt the following: (Any Six) 18

- (1) $(BCA)_{16} = (?)_2$
- (2) Find complement of $(53)_{10}$
- (3) $(1A.34)_{16} = (?)_{10}$
- (4) $(671)_{10} = (?)_2$
- (5) Addition: $(100111)_2 + (11011)_2$
- (6) Subtract: $(2761)_8$ from $(6357)_8$
- (7) Subtract: $(527)_{16} - (75)_{16}$
- (8) $(432267)_{10} = (?)_8$

First Year B.C.A. (Sem. I) (CBCS) Examination

November / December - 2014

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

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- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is the difference between 2nd and 3rd generation of computer?
- (2) What do you mean by 32-bit and 64-bit computer?
- (3) Define term volatile and non-volatile.
- (4) What is Flash Memory?
- (5) Define post.
- (6) Define term BUS and PORT.
- (7) What is PDA?
- (8) What is data bus and address bus?
- (9) What do you mean by storage capacity?

2. Answer the following questions: (Any Two) 14

- (1) Explain in detail Hard Disk.
- (2) Explain different characteristics of computer.
- (3) Explain in detail Cache Memory and Virtual Memory.

3. Answer the following: 14

- (1) Explain in detail ROM. 7
- (2) Difference between primary storage and secondary storage. 7

OR

3. Answer the following: 14

- (1) Explain in detail RAM. 7
- (2) Draw block diagram of computer and explain all its functional units. 7

4. Answer the following questions: 14

- (1) Explain types of computer in detail. 7
- (2) Write a short note on CD-ROM. 7

OR

- (3) Write a short note on DVD-ROM. 7

5. Attempt the following: (Any Four) 16

- (1) $(671)_{10} = (?)_2$
- (2) Find complement of $(53)_{10}$
- (3) Subtract: $(01110)_2$ from $(10101)_2$
- (4) $(432267)_{10} = (?)_8$
- (5) Addition: $(100111)_2 + (11011)_2$
- (6) $(1A.34)_{16} = (?)_{10}$

First Year B.C.A. (Sem. I) (CBCS) Examination

October / November - 2015

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is Firmware?
- (2) What is EEPROM?
- (3) What is Serial port and Parallel port?
- (4) Define the term Volatile and Non-Volatile.
- (5) What do you mean by 32-bit and 64-bit computer?
- (6) Define Software.
- (7) What is BIOS?
- (8) Define POST.
- (9) What is the difference between 2nd and 3rd generation of computer?

2. Answer the following questions: (Any Three) 15

- (1) Explain different characteristics of computer.
- (2) Write a short note on ROM in detail.
- (3) Write a short note on Plotters.
- (4) Write a short note on Hard disk.
- (5) Explain types of computers in details.

3. Answer the following: (Any Two) 12

- (1) Primary Storage Vs Secondary Storage
- (2) Cache Memory Vs Virtual Memory
- (3) Inkjet Printer Vs Laser Printer

4. Answer the following questions: (Any Three) 15

- (1) Draw a block diagram of computer and explain all its functional units.
- (2) Explain in detail backup devices.
- (3) Write a short note on OCR and OMR.
- (4) Explain flash memory in detail.
- (5) Explain Monitor in detail.

5. Attempt the following: (Any Four) 16

- (1) $(1234)_{10} = (?)_2$
- (2) Subtract: $(01110)_2$ from $(10101)_2$
- (3) $(BBA)_{16} = (?)_8$
- (4) $(BCA)_{16} = (?)_2$
- (5) $(1670)_8 = (?)_{10}$
- (6) $(1011011.10110101)_2 = (?)_8$

First Year B.C.A. (Sem. I) (CBCS) Examination

October / November - 2016

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is serial port and parallel port?
- (2) Define the term Volatile and Non-Volatile.
- (3) Explain Software.
- (4) What is BIOS?
- (5) Define POST.
- (6) What is the difference between 2nd and 3rd generation of computer?
- (7) What do you mean by 32-bit and 64-bit computer?
- (8) What is Firmware?
- (9) What is EEPROM?

2. Answer the following questions: (Any Three) 15

- (1) Write a short note on Plotters.
- (2) Write a short note on Hard disk.
- (3) Explain types of computers in detail.
- (4) Explain different characteristics of computer.
- (5) Write a short note on ROM in detail.

3. Answer the following: (Any Two) 12

- (1) Primary Storage Vs Secondary Storage
- (2) Cache Memory Vs Virtual Memory
- (3) Inkjet Printer Vs Laser Printer

4. Answer the following questions: (Any Three) 15

- (1) Explain Processor in detail.
- (2) Explain Monitor in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Explain in detail backup devices.
- (5) Write a short note on OCR and OMR.

5. Attempt the following: (Any Four) 16

- (1) $(5AC)_{16} = (?)_2$
- (2) Subtract: $(01110)_2$ from $(10101)_2$
- (3) $(ABCD)_{16} + (01EF)_{16}$
- (4) $(110111101001)_2 = (?)_8$
- (5) $(576)_8 = (?)_2$
- (6) $(1234)_2 = (?)_{10}$

First Year B.C.A. (Sem. I) (CBCS) Examination

October / November - 2017

Introduction To Computer: Paper-103

(New Course)

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)

Name of the Subject :

Introduction To Computer: Paper-103 (New)

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is access time?
- (2) What is parity bit?
- (3) What is Flash Memory?
- (4) What is use of EEPROM?
- (5) Define term firmware.
- (6) What is BIOS?
- (7) What do you mean by 32-bit and 64-bit computer?
- (8) What is Software? List types of software.

2. Answer the following questions: (Any Three) 18

- (1) Explain Cache Memory in detail.
- (2) Explain Monitor in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Explain different types of PORTS in detail.

3. Answer the following: (Any One) 6

- (1) Primary Storage Vs Secondary Storage
- (2) Inkjet Printer Vs Laser Printer

4. Answer the following questions: (Any Three) 18

- (1) Explain different characteristics of computer.
- (2) Explain Motherboard in detail.
- (3) Write a short note on Plotters.
- (4) Explain in detail backup devices.

5. Attempt the following: (Any Four) 16

- (1) Subtract: $(01110)_2$ from $(10101)_2$
- (2) Add binary numbers $(100111)_2$ and $(11011)_2$ both decimal and binary forms
- (3) $(1670)_8 = (?)_{10}$
- (4) $(576)_8 = (?)_2$
- (5) $(1715)_{10} = (?)_2$
- (6) $(11010011)_2 = (?)_{16}$

First Year B.C.A. (Sem. I)(CBCS) Examination

November / December - 2018

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is BIOS?
- (2) Define term PORT.
- (3) What do you mean by 32-bit and 64-bit computer?
- (4) What is Flash Memory?
- (5) What is the difference between 2nd and 3rd generation of computer?
- (6) Define the term Volatile and Non-Volatile.
- (7) What is Firmware?
- (8) What is ASCII?
- (9) Define POST.

2. Answer the following questions: (Any Three) 18

- (1) Write a short note on OCR and OMR.
- (2) Draw a block diagram of computer and explain all its functional units.
- (3) Explain in detail storage evaluation criteria.
- (4) Write a short note on Hard disk.

3. Answer the following: (Any One) 6

- (1) System Software Vs Application Software
- (2) Cache Memory Vs Virtual Memory
- (3) Primary Storage Vs Secondary Storage

4. Answer the following questions: (Any Three) 18

- (1) What are Registers? Explain in detail types of Registers.
- (2) Write a short note on ROM in detail.
- (3) Explain in detail backup devices.
- (4) Explain different characteristics of computer.

5. Attempt the following: (Any Four) 16

- (1) $(432267)_{10} = (?)_8$
- (2) $(1234)_{10} = (?)_{16}$
- (3) $(2A3B)_{16} = (?)_{10}$
- (4) $(4706)_8 = (?)_{10}$
- (5) Subtract: $(01110)_2$ from $(10101)_2$
- (6) $(101010)_2 = (?)_{10}$

First Year B.C.A. (Sem. I) Examination

October / November - 2019

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No.: 1811000101030001

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is access time?
- (2) What is parity bit?
- (3) What is Flash Memory?
- (4) What is use of EEPROM?
- (5) Define term firmware.
- (6) What is BIOS?
- (7) Define the term Volatile and Non-Volatile.
- (8) What is Software? List types of software.

2. Answer the following questions: (Any Three) 18

- (1) Explain Cache Memory in detail.
- (2) Explain Monitor in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Explain different types of PORTS in detail.

3. Answer the following: (Any One) 6

- (1) Primary Storage Vs Secondary Storage
- (2) Inkjet Printer Vs Laser Printer

4. Answer the following questions: (Any Three) 18

- (1) Explain different characteristics of computer.
- (2) Explain Motherboard in detail.
- (3) Write a short note on Plotters.
- (4) Explain in detail backup devices.

5. Attempt the following: (Any Four) 16

- (1) Subtract: $(01110)_2$ from $(10101)_2$
- (2) Add binary numbers $(100111)_2$ and $(11011)_2$ in both decimal and binary form
- (3) $(1670)_8 = (?)_{10}$
- (4) $(576)_8 = (?)_2$
- (5) $(1715)_{10} = (?)_2$
- (6) $(11010011)_2 = (?)_{16}$

First Year B.C.A. (Sem. I) (CBCS) Examination

March / April – 2013

Introduction To Computer: Paper-103

(Old & New Course)

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103 (Old & New)

Subject Code No:

Seat No.:

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Student's Signature

1. Answer the following in short:

10

- 1) Define the term Hardware and Software.
- 2) What is POST?
- 3) What is direct addressing mode?
- 4) What is EBCDIC?
- 5) What is UNICODE?
- 6) What is VLSI?
- 7) What do you mean 32 and 64 bit computer?
- 8) What do you mean by volatile and Non-volatile Storage?
- 9) What is Flash memory?
- 10) Give the difference between CISC and RISC processor.

2. Answer the following questions: 13

- (1) Explain Generations of Computers in detail. 7
- (2) Draw a block diagram of Computer and explain its functional units. 6

OR

- (2) Explain Motherboard in detail. 6

3. Answer the following questions: (Any Three) 18

- (1) Explain Back Up Devices in detail.
- (2) Write a detailed note on Floppy Disk and its structure.
- (3) Write a detailed note on OCR and OMR.
- (4) Write a difference between Inkjet and Drum Printer.

4. Answer the following: (Any Two) 14

- (1) Explain the difference between Cache and virtual memory.
- (2) Write a detailed note on Optical Disk.
- (3) List the types of Computer. Explain any one type in detail.

5. Attempt the following: (Any Five) 15

- (1) $(CB1.C2)_{16} = (?)_8$
- (2) $(576)_8 = (?)_2$
- (3) $(1234)_9 = (?)_{10}$
- (4) Addition: $(11111111)_2 + (10101011)_2$
- (5) Addition: $(10000111)_2 + (11100111)_2$
- (6) Subtraction: $(11101010)_2 - (10100)_2$

First Year B.C.A. (Sem. I)(CBCS) Examination

March / April – 2014

Introduction To Computer: Paper-103(Old & New Course)

[Time: 3 Hours]

[Total Marks: 70]

<p>Fill up strictly the details of signs on your answer book</p> <p>Name of the Examination: <input type="checkbox"/> First Year B.C.A. (Sem. I)(CBCS)</p> <p>Name of the Subject : <input type="checkbox"/> Introduction To Computer: Paper-103 (Old & New)</p> <p>Subject Code No: <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="3"/></p>	<p>Seat No.:</p> <table border="1"><tr><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td></tr></table> <p><input type="text"/></p> <p>Student's Signature</p>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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1. Answer the following in short: (Any Five)

10

- (1) Define POST.
- (2) Define term BUS and PORT.
- (3) List different type of printers based on features its offers.
- (4) What is UNICODE?
- (5) Define term volatile and non-volatile.
- (6) What is the difference between 2nd and 3rd generation of computer?
- (7) What is PDA?
- (8) What is direct addressing mode?

2. Answer the following questions:

14

- (1) Draw the block diagram of computer and explain its functional units. **7**
- (2) What is PORT? Explain USB port in detail. **7**

OR

- (2) Explain types of computers in detail. **7**

- 3. Answer the following questions: (Any Two) 14**
- (1) Explain different characteristics of computer in detail. 7
 - (2) Write note on features of Hard Disk in detail. 7
 - (3) Explain ROM in detail. 7
- 4. Answer the following: 14**
- (1) Cache memory Vs. Virtual memory. 7
 - (2) Explain Plotters in detail. 7
- OR**
- 4. Answer the following: 14**
- (1) Difference between InkJet printer and Drum printer. 7
 - (2) Write a note on DVD ROM in detail. 7
- 5. Attempt the following: (Any Six) 18**
- (1) $(BAB)_{16} = (?)_2$
 - (2) $(D3)_{16} = (?)_2$
 - (3) $(101110)_2 = (?)_8$
 - (4) $(5112)_{10} = (?)_{16}$
 - (5) $(432267)_{10} = (?)_8$
 - (6) Addition: $(5647)_8 + (1425)_8$
 - (7) Find complement of $(53)_{10}$
 - (8) Subtracts: $(01110)_2$ from $(10101)_2$

First Year B.C.A. (Sem. I) (CBCS) Examination

March / April – 2015

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

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First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is EBCDIC?
- (2) What is BIOS?
- (3) What is ASCII?
- (4) Give full name: DVD, OCR, OMR, ENIAC.
- (5) Define POST.
- (6) What is Flash Memory?
- (7) Define term volatile and Non-volatile.
- (8) What do you mean by 32-bit and 64-bit computer?
- (9) Give the formula to count the capacity of a hard disk in bytes.

2. Answer the following questions: 14

- (1) Draw a block diagram of computer and explain its functional units. 7
(2) Write a note on DVD-ROM. 7

OR

2. Answer the following questions: 14

- (1) Explain the different types of characteristics of computer in detail. 7
(2) Write a note on CD-ROM. 7

3. Answer the following questions: 14

- (1) Write a detail note on OCR and OMR. 7
(2) Explain in detail Backup devices. 7

OR

- (2) Difference between Ink-jet printer and Drum printer. 7

4. Answer the following: (Any Two) 14

- (1) Primary storage Vs. Secondary storage. 7
(2) Cache memory Vs. Virtual memory. 7
(3) Explain plotters in detail. 7
(4) Advantage and disadvantages of optional disk. 7

5. Attempt the following: (Any Four) 16

- (1) $(42)_{10} = (?)_2$
(2) Subtracts: $(01110)_2$ from $(10101)_2$
(3) $(4706)_8 = (?)_{10}$
(4) Find the complement of $(53)_{10}$
(5) $(BCA)_{16} = (?)_2$
(6) $(101110)_2 = (?)_8$

First Year B.C.A. (Sem. I) Examination

March / April – 2016

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

<p>Fill up strictly the details of signs on your answer book</p> <p>Name of the Examination: <input type="checkbox"/> First Year B.C.A. (Sem. I)(CBCS)</p> <p>Name of the Subject : <input type="checkbox"/> Introduction To Computer: Paper-103</p> <p>Subject Code No: <input type="text" value="3"/> <input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="3"/></p>	<p>Seat No.: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/></p> <p><input type="text"/></p> <p>Student's Signature</p>
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- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is Flash Memory?
- (2) What is RAM?
- (3) What is ASCII?
- (4) Define the term Volatile and Non-Volatile.
- (5) Define POST.
- (6) What is the difference between 2nd and 3rd generation of computer?
- (7) What is Parity bit?
- (8) What is Firmware?
- (9) Define Storage capacity and Access time.

2. Answer the following questions: (Any Three) 15

- (1) Draw a block diagram of computer and explain its functional units.
- (2) Explain in detail backup devices.
- (3) Write a short note on Plotters.
- (4) Explain Motherboard in detail.
- (5) Explain different phases of Machine cycle.

3. Answer the following questions: (Any Two) 12

- (1) Cache Memory Vs. Virtual Memory
- (2) Inkjet Printer Vs. Laser Printer
- (3) Primary Storage Vs. Secondary Storage

4. Answer the following: (Any Three) 15

- (1) Explain different characteristics of computer.
- (2) Write a short note on ROM in detail.
- (3) Write a short note on OCR and OMR.
- (4) Write a short note on Hard disk.
- (5) Explain Keyboard in detail.

5. Attempt the following: (Any Four) 16

- (1) $(130)_{10} = (?)_2$
- (2) Subtract : $(01110)_2$ from $(10101)_2$
- (3) $(D3)_{16} = (?)_2$
- (4) $(2B.C4)_{16} = (?)_8$
- (5) $(1670)_8 = (?)_{10}$
- (6) $(27)_{10} = (?)_8$

First Year B.C.A. (Sem. I) (CBCS) Examination

March / April – 2017

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I) (CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) Define term firmware.
- (2) Define POST.
- (3) What is the difference between 2nd and 3rd generation of computer?
- (4) What is Software? List types of software.
- (5) Define the term Volatile and Non-Volatile.
- (6) What do you mean by 32-bit and 64-bit computer?
- (7) What is use of Joystick?
- (8) What is BIOS?
- (9) What is Flash Memory?

2. Answer the following questions: (Any Three) 15

- (1) Draw a block diagram of computer and explain its functional units.
- (2) Explain in detail backup devices.
- (3) Explain types of computers in detail.
- (4) Explain different characteristics of computer.
- (5) Write a short note on ROM in detail.

3. Answer the following questions: (Any Two) 12

- (1) Cache Memory Vs. Virtual Memory
- (2) Inkjet Printer Vs. Laser Printer
- (3) Primary Storage Vs. Secondary Storage

4. Answer the following: (Any Three) 15

- (1) Write a short note on Plotters.
- (2) Explain Motherboard in detail.
- (3) Write a short note on OCR and OMR.
- (4) Explain different types of PORTS in detail.
- (5) Write a short note on Hard disk.

5. Attempt the following: (Any Four) 16

- (1) $(2AB)_{16} = (?)_2$
- (2) Add binary numbers $(100111)_2$ and $(11011)_2$
- (3) $(5050)_8 = (?)_{16}$
- (4) Add hexadecimal numbers $(FACE)_{16}$ and $(AB17)_{16}$
- (5) $(1715)_{10} = (?)_2$
- (6) $(10111)_2 = (?)_8$

First Year B.C.A. (Sem. I) Examination

March / April – 2018

Introduction To Computer: Paper-103

(New Course)

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103 (New)

Subject Code No:

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is ASCII?
- (2) Define POST.
- (3) Define Storage capacity and Access time.
- (4) What is Parity bit?
- (5) What is RAM?
- (6) What is Firmware?
- (7) Define the term Volatile and Non-Volatile.
- (8) What is Flash Memory?

2. Answer the following questions: (Any Three) 18

- (1) Explain different phases of Machine cycle.
- (2) Explain Motherboard in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Write a short note on OCR and OMR.

3. Answer the following questions: (Any One) 6

- (1) RAM Vs. ROM
- (2) Primary Storage Vs. Secondary Storage

4. Answer the following: (Any Three) 18

- (1) Explain in detail backup devices.
- (2) Explain different characteristics of computer.
- (3) Write a short note on Plotters.
- (4) Write a short note on Hard disk.

5. Attempt the following: (Any Four) 16

- (1) Add binary numbers $(100111)_2$ and $(11011)_2$ in both decimal and binary forms.
- (2) $(9AB)_{16} = (?)_{10}$
- (3) $(6751)_8 = (?)_2$
- (4) $(127)_{10} = (?)_2$
- (5) Subtract: $(0110111)_2$ from $(1101110)_2$
- (6) $(10111)_2 = (?)_8$

First Year B.C.A. (Sem. I)(CBCS) Examination

March / April – 2019

Introduction To Computer: Paper-103

[Time: 3 Hours]

[Total Marks: 70]

Instructions

(1)

Fill up strictly the details of signs on your answer book

Name of the Examination:

First Year B.C.A. (Sem. I)(CBCS)

Name of the Subject :

Introduction To Computer: Paper-103

Subject Code No.: **1811000101030001**

Seat No.:

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Student's Signature

- (2) All questions are compulsory.
(3) Figure to the right indicate full marks.

1. Answer the following in short: (Any Six)

12

- (1) What is seek time?
- (2) What is parity bit?
- (3) What is Software? List types of software.
- (4) What is use of EPROM?
- (5) Define term firmware.
- (6) Give the full form: PDA, ASCII, CRT, VLSI.
- (7) What do you mean by 32-bit and 64-bit computer?
- (8) What is BIOS?
- (9) What is Flash Memory?

2. Answer the following questions: (Any Three) 18

- (1) Explain in detail Hard disk.
- (2) Explain Motherboard in detail.
- (3) Draw a block diagram of computer and explain all its functional units.
- (4) Explain Monitor in detail.

3. Answer the following questions: (Any One) 6

- (1) Inkjet Printer Vs. Laser Printer
- (2) Magnetic Storage Vs. Optical Storage
- (3) Primary Storage Vs. Secondary Storage

4. Answer the following: (Any Three) 18

- (1) Write a short note on Plotters.
- (2) Explain Cache Memory in detail.
- (3) Write a short note on OCR and OMR.
- (4) Explain different characteristics of computer.

5. Attempt the following: (Any Four) 16

- (1) $(11010011)_2 = (?)_{16}$
- (2) $(1670)_8 = (?)_{10}$
- (3) $(2A3B)_{16} = (?)_8$
- (4) $(66)_{10} = (?)_2$
- (5) $(576)_8 = (?)_2$
- (6) Add binary numbers $(100111)_2$ and $(11011)_2$ in both decimal and binary forms.
