



SHRI SHANKARACHARYA MAHAVIDYALAYA

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सूचना

दिनांक : 18/07/2020

उच्च शिक्षा विभाग के पत्र क्रमांक/160/आउशि/समन्वय/2020 नवा रायपुर, दिनांक 10.07.2020 एवं हेमचंद्र यादव विश्वविद्यालय, दुर्ग के मौखिक आदेशानुसार बी.सी.ए. प्रथम वर्ष के सभी नियमित विद्यार्थियों को सभी विषयों (प्रश्न पत्र) के **Assignment** दिए जा रहे हैं। अतः आपको अपने सभी विषयों (प्रश्न पत्र) के हस्तलिखित **Assignment** बनाना अनिवार्य है।

Note :- *Assignment भेजने का माध्यम :-

स्पीड पोस्ट द्वारा

प्रत्येक विद्यार्थी को अपने सभी विषयों (प्रश्न पत्र) के यथासंभव स्व हस्तलिखित एवं निर्धारित प्रारूप में **Assignment** एक ही लिफाफे में डालकर महाविद्यालय के पते पर एवं **From** में अपना नाम, कक्षा एवं रोल नम्बर लिखकर स्पीड पोस्ट द्वारा महाविद्यालय को 10 दिनों के अंदर अनिवार्य रूप से प्रेषित करें। या एक ही स्पष्ट पी.डी.एफ. फाईल (Single PDF file) बनाकर अपने-अपने विभागीय mail id (ssmvcomputerdept@gmail.com) में भेजें।

महाविद्यालय का पता:

SHRI SHANKARACHARYA MAHAVIDYALAYA
97/2, NEAR PETROL PUMP, JUNWANI, BHILAI
DIST:- DURG, CHHATTISGARH 490020



SHRI SHANKARACHARYA MAHAVIDYALAYA



Junwani- Bhilai

Submitted to the partial fulfillment of the requirements for the Annual

Examinations of B. C. A. (10+2+3) of

HemchandYadav University, Durg

Assignment on

“Subject & Paper”

Session 2019-20

Submitted by:

Name of the student _____

Class: _____

Mob. : _____

E-mail Id: _____

(University) Roll no.: _____



SHRI SHANKARACHARYA MAHAVIDYALAYA

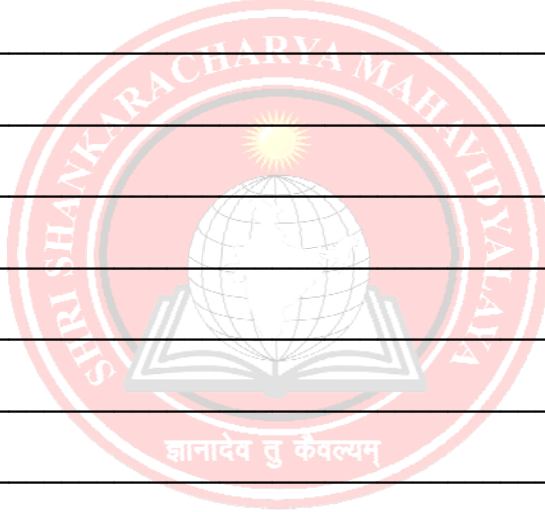
Junwani- Bhilai

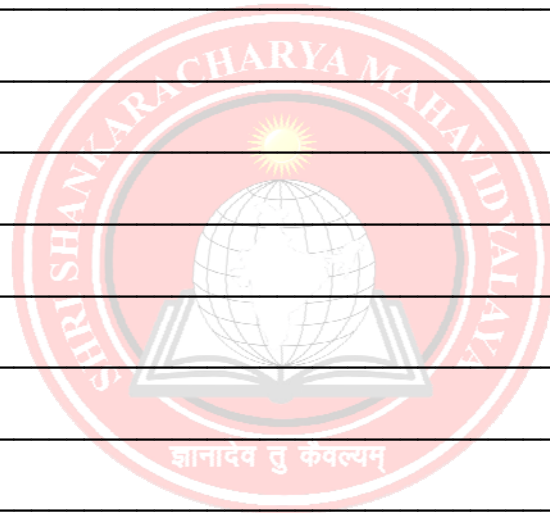
Name of the student:

Class:

Subject & Paper (I/ II/ III):

Note: Do not exceed 200 words limit for each question. All questions carry equal marks. M.M.: 100





Assignment question 2019-20

BCA (Part-I)

Mathematics

(Discrete Mathematics)

Paper-I

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

UNIT-1

Q.1 Prove that the statement is a contradiction

$$[(p \wedge r) \vee (q \wedge r)] \Leftrightarrow [(p \wedge r) \vee (q \wedge \neg r)]$$

UNIT-2

Q.2 In a Boolean algebra, show that,

If $a+x = b+x$ and $a+x' = b+x'$ then $a = b$.

UNIT-3

Q.3 Draw a binomial network for the function.

$$x'.y.z + x.y'.z + x.y.z' + x'.y'.z'$$

UNIT-4

Q.4 If A, B, C are any three non-empty sets, then

Prove that $(A - B) \times C = (A \times C) - (B \times C)$

UNIT-5

Q.5 A Tree with n vertices has $(n-1)$ edges.

Assignment 2019-20
B.C.A. (Part-I)
Computer Fundamentals

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

Unit- 1

Q.1 Discuss the Different generations of computer describing their evolutionary stages of developments.

Unit- 2

Q.2 What do you understand about input devices? What are the roles of input devices? Explain any four Input devices with suitable diagrams.

Unit- 3

Q.3 What is memory? Explain the difference types of primary memory.

Unit- 4

Q.4 What is Operating System? Give the difference between system software and application software.

Unit- 5

Q.5 What is UNIX? Explain its features.

Assignment 2019-20

B.C.A (Part-I)

Programming in C

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

Unit -1

Q.1 What is a data type? Explain different data types in detail with examples.

Unit -2

Q.2 Explain the different types of loops in C with syntax and example.

Unit - 3

Q.3 Explain Array in C. write a program to find the sum of both diagonal element of 3*3 matrix and print the result.

Unit- 4

Q.4 What is pointer? Define it and write the use of pointer.

Unit -5

Q.5 What do you mean by pre-processing? Explain #include and #define.

Assignment Question 2019-20

B.C.A. (Part-I)

Introduction to PC Software & Internet Application

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

UNIT-I

Q.1 How can we create table in MS Word? What are different features of table? Explain in detail?

UNIT-II

Q.2 Explain about different text and mathematical functions available in excel with example

UNIT-III

Q.3 Explain the slides show feature of power point. Also explain slide setup rehearse tuning.

UNIT-IV

Q.4 What is DBMS? Explain the feature of DBMS.

UNIT-V

Q.5 What do mean by multimedia? Explain multimedia application?

Assignment Question 2019-20
B.C.A. (Part-I)
Web Technology & E-Commerce

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

Unit-1

Q.1 What is internet? Write the applications of internet.

Unit-2

Q.2 What is HTML? Explain any 5 HTML Tags.

Unit-3

Q.3 Explain dynamic HTML (DHTML) with example.

Unit-4

Q.4 What is PHP? Explain features/characteristics of PHP.

Unit-5

Q.5 Define E-Commerce? Explain advantages and disadvantages.

Assignment Question 2019-20

B.C.A. (Part-I)

Communication Skills

Maximum Marks: 100

- **Attempt questions from each unit.**
- **Internal choices have been provided.**
- **All questions carry equal marks.**

Unit-I

Que.1. Vocabulary

I. Write Synonyms of the following words: (Any five)

a) Rescue. b) Dominant. c) Larded. d) Chaotic. e) Qualm. f) Progeny. g) Basic. h) ancient. i) Custom. j) Obtain.

II. Write Antonyms of the following words: (Any five)

a) Poverty b) Vanish c) Long d) Rapid e) Assimilate f) Dubious g) Disparage h) Insincerity i) Adequate j) Protect

Unit-II

Que.2. Change the sentences:

I. Make simple sentences: (Any Five)

- He hurt his foot. He stopped.
- He felt tired. He laid his work aside.
- I went to Mumbai last year. I wished to see a dentist.
- I did not hear his answer. It was spoken quietly.
- Bruno is my faithful dog. I love him.
- He attended to his duties. He earned promotion.
- I have examined the statement. I find many errors in it.

II. Make complex sentences: (Any Five)

- a) He is wrong. I am sure of it.
- b) You deceived him. That was his complaint.
- c) He will waste his time. That is certain.
- d) Where have you put my hat? Tell me.
- e) It is going to rain. I am sure of it.
- f) He is a sincere worker. No one can doubt this fact.
- g) No more funds are available. The work has to be stopped.

Unit - III

Que.3. Change the tenses of the verbs of the following sentences as directed:

I. Rewrite the sentences given below using the verbs in the brackets in the Present Perfect Continuous form:

- a) He (live) in this town since 1964.
- b) She (study) medicine for the last four years.
- c) How long you (wait) for me?
- d) She (watch) the TV all evening.
- e) They (come) here a month ago.

II. Put the verbs in the sentences given below into the Past Indefinite tense:

- a) I go to work by car.
- b) He gets up at 6:30.
- c) Raina speaks slowly.
- d) The play begins at 9:00.
- e) I meet him on Monday.

Unit – IV

Que.4. Do as directed:

I. Change the voice of the sentences given below: (Any Five)

- a) Someone is following us.
- b) Make these announcements.
- c) Can you speak English?

- d) Mona Lisa was painted by Leonardo.
- e) Does cotton grow in Egypt?
- f) Gandhi gave a signal to the nation.
- g) He likes people to call him sir.
- II. Add question tag to the following sentences: (Any Five)
- a) Vikramaditya was a great King and judge.
- b) The giant was very selfish.
- c) You are a very deserving person.
- d) In that case he will have to get a new one made.
- e) He hates her like poison.
- f) I take it you would not be coming then.
- g) You have heard about them.



Unit – V

Que.5. Write a letter formal and informal from the following options:

- I. Write an application to the Principal for granting leave for Three days.

Or

Write a business letter for a firm regarding the early delivery of a consignment containing sports material article no.201916

Or

Write an application to the Registrar of your University asking him for an early declaration of results.

- II. Write a letter to your friend describing about your college and hostel life.

Or

Write a letter to your father informing him about your college, studies and asking him money for purchase of some books.

Or

Write a letter to your friend inviting him/her to join you to spend the next weekend at your home.

Assignment Question 2019-20

B.C.A. (Part-I)

Environmental Studies

M.M.-100

Note: Each question carry 20 marks. The maximum word limit is 200 words.

Unit 01

Q.1 Write an essay on energy resources?

Unit 02

Q.2 Explain the process of plant succession takes place in a pond or lake with an example?

Unit 03

Q.3 Describe the causes , effect and measures of air pollution ?

Unit 04

Q.4 What do you mean by population explosion? Explain it in Indian context.

Unit 05

Q.5 Write short note on Forest Conservation Act ?