



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

Banaras Hindu University

ADMISSION LETTER

Ref. No.: Admission/Master of Computer Application/2022-23

Date : 14-11-2022

Final Score: 120

UET/PET Roll No.: UP18009112492

Admission Fee Payment ID : BCUFP5208430275S

To,
Shri/ Km/ Smt. AMAN MASHQOOR
Son of Shri MASHQOOR ALI
Address :
S/20
District:
State:
Pin: 221005

Dear Student,

Congratulations for getting provisionally admitted to **Master of Computer Application** at **DMC** in Semester-I during the academic session 2022-23. You are required to report to the office of the concerned Dean of the Faculty for physical verification on **14-11-2022**. along with the following original documents and one set of photocopies & four passport size photographs:

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3. Original TC, Migration Certificate/Character Certificate.
4. Undertaking for non-involvement in Ragging from students and their parents/guardians(format is given on the Portal)
5. Filled in Residence/Dossier Form(intriplicate),to be printed back to back (available on Dashboard of portal)

Head of the Department

Note: If discrepancy is found at any stage, your provisional admission shall be cancelled.



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★★★★★ 22



JSON Beautifier

★★★★★ 9



JSON Formatter

★★★★★ 60



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Postman Interceptor

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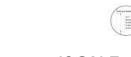
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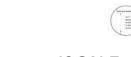
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Assignment 1: Object-Oriented Concept

1. What is Object-Oriented concept. (In 200 words).
 2. Define object in the context of Object-Oriented concept using real-world example and explain its characteristics. Explain your answer with suitable diagrams.(In 300 words).
 3. What is a class. Explain with a real-world example. (In 200 words).
 4. What is inheritance. Explain your answer with suitable diagrams. (In 150 words).
 5. Why do we use inheritance in Java. Describe your answer with a suitable example. Explain your answer with suitable diagrams. (200 words).
 6. What is IS-A concept in terms of inheritance. Give a suitable example. Explain your answer with suitable diagrams. (In 150 words).
 7. Explain different terms used in inheritance. (In 300 words).
 8. Explain different types of inheritance supported in Java with suitable real-world examples. Explain your answer with suitable diagrams. (In 250 words).
 9. Why multiple inheritance is not supported in Java? Explain your answer with a suitable example. (In 200 words).
 10. What is polymorphism in object-oriented concept. Describe your answer using a real-world example. Write the advantage of polymorphism. (In 400 words).
 11. What do mean by data abstraction in object-oriented programming. Explain your answer with a real-world example. Write the advantage of data abstraction.(In 200 words).
 12. Describe encapsulation in the context of object-oriented concept. What are the advantages of using encapsulation? (In 200 words).
 13. Write the difference between data-abstraction and encapsulation. (In 300 words).
 14. Give a real-world example where polymorphism, encapsulation and inheritance are used. Explain your answer with suitable diagrams. (In 200 words).
-

Assignment 2: Java Features

1. What are the Buzzwords in Java. Explain each buzzword with a suitable example. (In 2000 words).
 2. What is Java bytecode. Why it platform independent? (In 200 words).
 3. Write the difference between bytecode and machine code. (In 200 words).
 4. Explain Java virtual machine (JVM). (In 150 words).
 5. Explain Java runtime environment (JRE). (In 150 words).
 6. Explain Java Development toolkit (JDK). (In 150 words).
 7. Explain the working function of JVM, JRE and JDK with a suitable example. (In 300 words).
 8. Explain the advantages of using the package in Java. Explain your answer with a suitable example. (In 150 words).
-

Deadline for the submission of Assignment1 is 4th January 2023.

Deadline for the submission of Assignment2 is 12th January 2023.

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Regular Fee Seat Allotment:

SL NO	ROLL NO	COURSE	QUOTA	LOCATION	Regular Fee	* PS/SCS Fee	** Payment Deadline	Declaration	Lock Status	
1	UP18009112492	Master of Computer Application	EW	DMC	7832		07-11-2022 / 20:51:42 (Day 1)	05-Nov-2022	UPGRADE	PAYMENT DONE BCUFP5208430275S
* Applicable on certain courses under "Paid Seat" fee structure and Special Courses of Study.										
** Online Payment link will be automatically deactivated after 5:59 PM of the Dead Line Date.										

Paid Seat Allotment**Important Note :**

New Course allotment in subsequent Day of Admission List(s): Consequent to your exercising the option for upgradation, during the Admission process, you may be allotted a new course more preferred by you in subsequent rounds and your previous course allotment in the previous round will stand cancelled (if upgradation is from regular to regular or from paid to paid). You can request the Admission Committee to "Lock" your allotted course after any round of allotment if you are satisfied with allotted course and do not want further upgradation, otherwise upgradation shall be continued in the subsequent rounds of allotments. You can download Admit Card either after locking an allotment or after the closure of admission process. Old course(s) in which you were admitted in previous round(s) will show as automatically cancelled.

Payment of admission fee :

- Online payment (through Debit Card/Credit Card/Net banking) through the payment gateway available on the BHU Portal.
- In cash at the Extension Counters/Desk management counters of ICICI/HDFC Bank (Lecture theatre complex, Faculty of Science, Faculty of Education and MMV, BHU) opened on the BHU Campus between 9:00 AM to 6:00 PM through Challan downloaded from the payment page of the student's portal.

Candidates are advised to see the "Fee Adjustment Rules, "Locking Rule" and "Mode of Payment Rule" given in the Rules & Procedure Section of the Student's Portal for further details.



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