VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MID TERM PAST PAPER

We Deal All Kind of VU Project
(PHP, .NET,ANDROID,PYTHON)

MADE AND SOLVED BY HADI

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.

WhatsApp:03087122922

FACEBOOK ID: https://www.facebook.com/hadipastpapers/

Best of luck!

PAST PAPER

TEAM HADI(VU)

Question No : 1 of 26 Marks: 1 (Budgeted Time 1 Min)

1 MB or 1 megabyte is equivalent to----

Answer (Please select your correct option)

- 1024 bytes
- 1024^2 bytes
- 1024^3 bytes
- 1000000 bytes ⇦

TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 2 of 26 Marks: 1 (Budgeted Time 1 Min)

A ----------system collects physically separate, possibly heterogeneous, systems into a single coherent system, providing the user with access to the various resources that the system maintains

Answer (Please select your correct option)

- Distributed
- Real-time
- Single user
- Time-sharing

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 3 of 26 Marks: 1 (Budgeted Time 1 Min)

----------has a hierarchical file system structure.

Answer (Please select your correct option)

- DOS
- Windows
- UNIX
- None of the given options



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 4 of 26 Marks: 1 (Budgeted Time 1 Min)

Round-Robin Scheduling is a ---------- scheduling algorithm

Answer (Please select your correct option)

- Preemptive
- non-preemptive
- Preemptive or non-preemptive.
- None of the given options

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 5 of 26 Marks: 1 (Budgeted Time 1 Min)

A piece of code in a cooperating process in which the process may update shared data is called----------

Answer (Please select your correct option)

- Buffer
- Critical section
- Semaphore
- None of the given options

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:-hadirajputofficial@gmail.com
WHATSAPP& CALL:-03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 6 of 26 Marks: 1 (Budgeted Time 1 Min)

The Swap instruction which is the hardware solution to synchronization problem does not satisfy the _____ condition, hence not considered to be a good solution.

Answer (Please select your correct option)

- Progress
- Bounded waiting
- Mutual exclusion
- None of the given

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 7 of 26 Marks: 1 (Budgeted Time 1 Min)

A _____ is a piece of code in a cooperating process in which the process may updates shared data (variable, file, database, etc.).

Answer (Please select your correct option)

- critical section
- critical region
- monitor
- all of the given are correct

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 8 of 26 Marks: 1 (Budgeted Time 1 Min)

Semaphore is a _____ solution to the synchronization problems.

Answer (Please select your correct option)

- Operating system
- Software
- None of the given
- Hardware

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 9 of 26 Marks: 1 (Budgeted Time 1 Min)

In Unix/ Linux, by default the standard input file is attached to the _____

Answer (Please select your correct option)

- Mouse
- Keyboard
- Light pen
- Joystick

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 10 of 26 Marks: 1 (Budgeted Time 1 Min)

The ---------- are used for communication between related or unrelated processes on the same system or unrelated processes on different systems.

Answer (Please select your correct option)

- None of the given
- SSD socket
- DSD socket
- BSD sockets



A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:-hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)
MADE BY HAD
ail:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi
TEAM HADI(VU)

Question No : 11 of 26 Marks: 1 (Budgeted Time 1 Min)

The files which are automatically opened by the kernel for every process for the process to read its input from and send its output and error messages are called…….

Answer (Please select your correct option)

- None of the given
- Standard File descriptors
- File descriptors
- Standard files



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 12 of 26 Marks: 1 (Budgeted Time 1 Min)

Bounded Buffer is a buffer of _____ size

Answer (Please select your correct option)

- Variable
- Fixed
- Both
- None of the given

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 13 of 26 Marks: 1 (Budgeted Time 1 Min)

The goal of single user operating system is

Answer (Please select your correct option)

- To maximize utilization of CPU
- To maximize the user responsiveness
- To maximize utilization of peripheral devices
- To maximize throughput



Correct Answer Solved By Hadi

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)
TEAM HADI(VU)

Question No : 14 of 26 Marks: 1 (Budgeted Time 1 Min)

Which type of operating system guarantees that critical tasks must be completed on time?

Answer (Please select your correct option)

- Timesharing system
- Multitasking system
- Batch system
- Realtime system

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)
DE BY HADI
ficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)
TEAM HADI(VU)

Question No : 15 of 26 Marks: 1 (Budgeted Time 1 Min)

Which of the following command is used to read data from file named academics?

Answer (Please select your correct option)

- con < academics
- cat < academics
- socket > academics
- ran > academics



A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

TEAM HADI(VU)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 16 of 26 Marks: 1 (Budgeted Time 1 Min)

_____command puts a foreground process into background.

Answer (Please select your correct option)

- fg
- bg
- Ctrl z
- None of the given

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 17 of 26 Marks: 1 (Budgeted Time 1 Min)



Given the gantt chart, which one of the following is average waiting time

Answer (Please select your correct option)

- 35.66
- 1.33
- 34.66
- 2.33

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL-hadirajputofficial@gmail.com
WHATSAPP& CALL-03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 18 of 26 Marks: 1 (Budgeted Time 1 Min)

_____ is solution to the problem of indefinite blockage of low-priority processes.

Answer (Please select your correct option)

- Aging
- Starvation
- Deadlock
- None of the given

A Good Education is a Foundation For a Better Future
CORRECT ANSWER SOLVED BY HADI
EMAIL:hadirajputofficial@gmail.com
WHATSAPP& CALL:03087122922
TEAM HADI(VU LAHORE)

MADE BY HADI
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

TEAM HADI(VU)

Question No : 19 of 26 Marks: 1 (Budgeted Time 1 Min)

The part of machine level instruction, which tells the central processor what has to be done, is

Answer (Please select your correct option)

- Address
- Locator
- Flip-Flop
- Operation code



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 20 of 26 Marks: 1 (Budgeted Time 1 Min)

Which of the following statements is false?

Answer (Please select your correct option)

- Two different critical sections may be executed concurrently if they do not use the same shared variables.
- Programs with critical sections can never be used simultaneously by more than one process.
- None of the given
- A process wanting to enter a critical section currently in use must wait for the process utilizing the critical section to terminate.

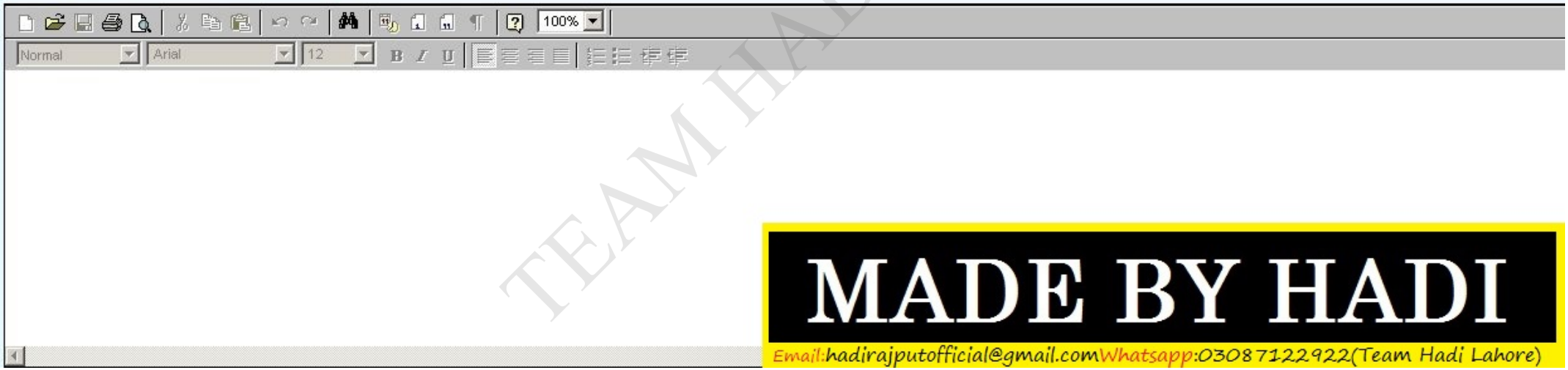
TEAM HADI(VU)

MADE BY HADI

Question No : 21 of 26 Marks: 2 (Budgeted Time 4 Min)

A number of queues can be used in the Multi Level Queue and Multilevel Feedback Queue. You need to identify any three queues that you can use in a Multilevel Feedback Queue.

Answer (Please click here to Add Answer)



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 22 of 26 Marks: 2 (Budgeted Time 4 Min)

Which term is best suited for a process that is a background system process and that provide you some service.

Answer (Please click here to Add Answer)



TEAM HADI(VU)

MADE BY HADI

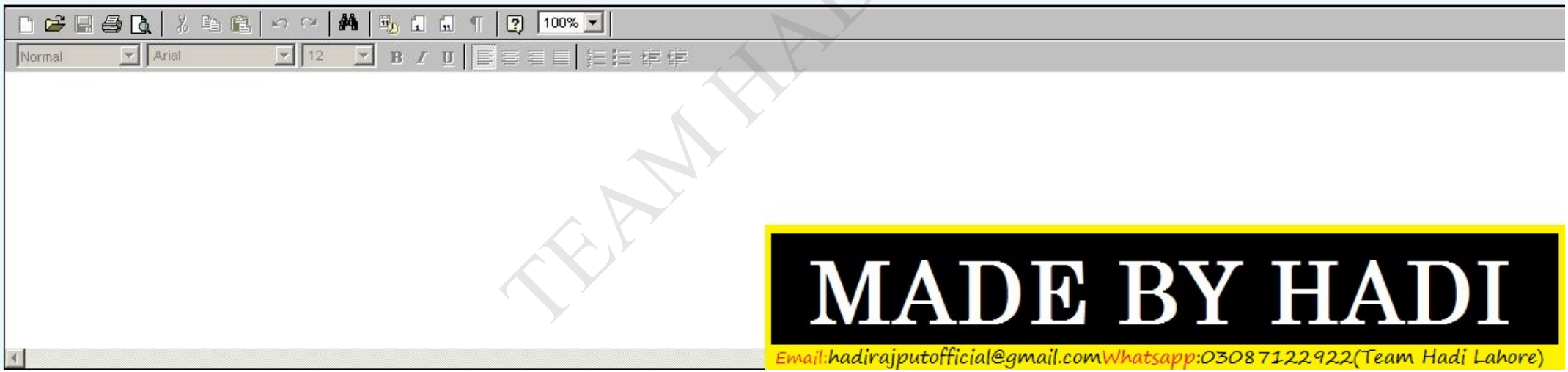
Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 23 of 26 Marks: 3 (Budgeted Time 6 Min)

Sort out the given below Scheduling algorithms with respect to there best utilization of CPU (arrange in order low to high).

0. First In First Out
1. Priority based scheduling
2. Multilevel Queue scheduling

Answer (Please click here to Add Answer)



TEAM HADI(VU)

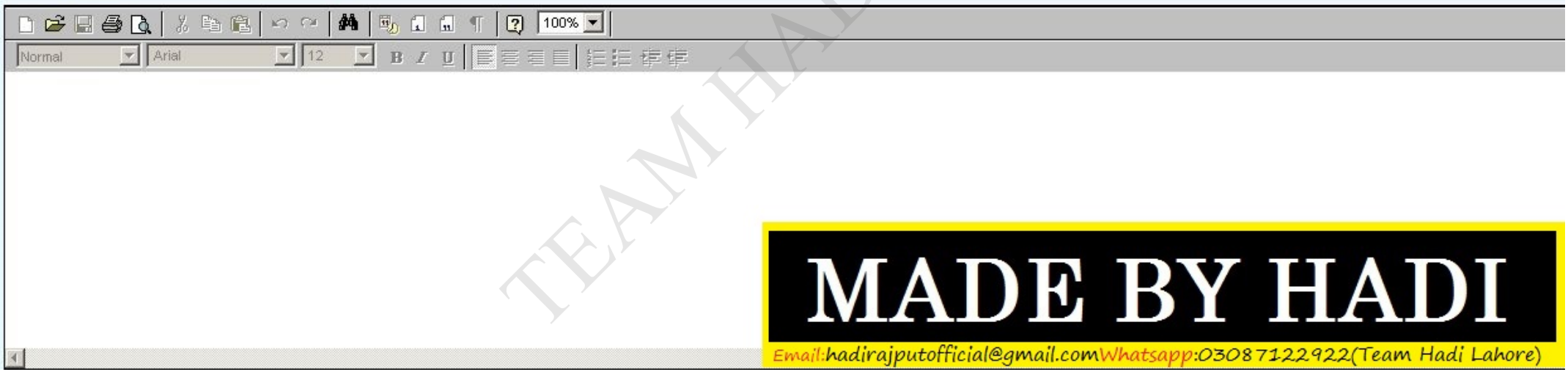
MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 24 of 26 Marks: 3 (Budgeted Time 6 Min)

Which term is best suited for the situation where several processes access and manipulate shared data concurrently, the final value of the data depends on which process finishes last?

Answer (Please click here to Add Answer)



TEAM HADI(VU)

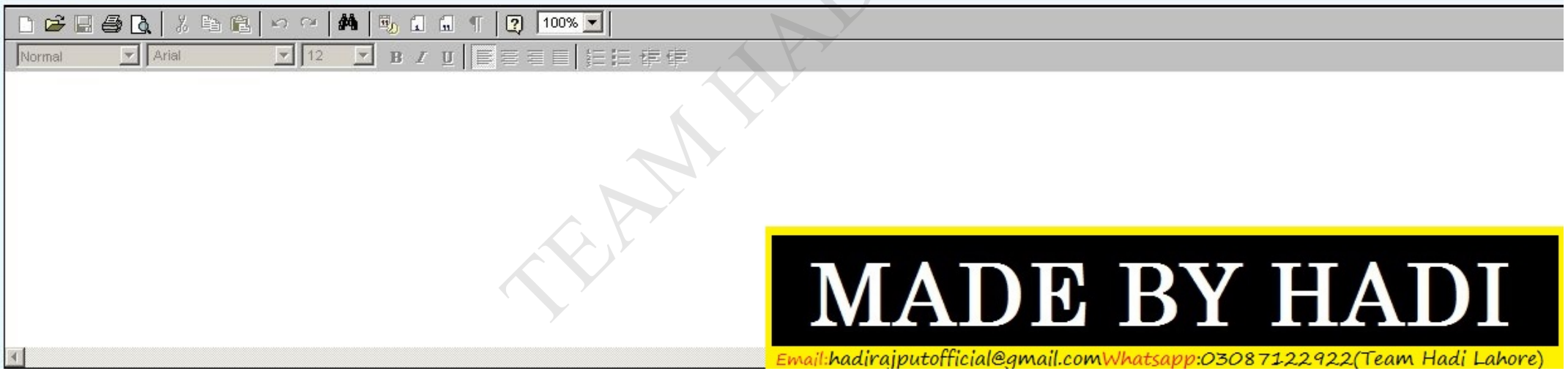
MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 25 of 26 Marks: 5 (Budgeted Time 10 Min)

Semaphore is a variable or abstract data type that provides a simple but useful abstraction for controlling access by multiple processes to a common resource in a parallel environment. We can use semaphores to deal with the n-process critical section problem. You have to explain the working of Semaphore Algorithm.

Answer (Please click here to Add Answer)



TEAM HADI(VU)

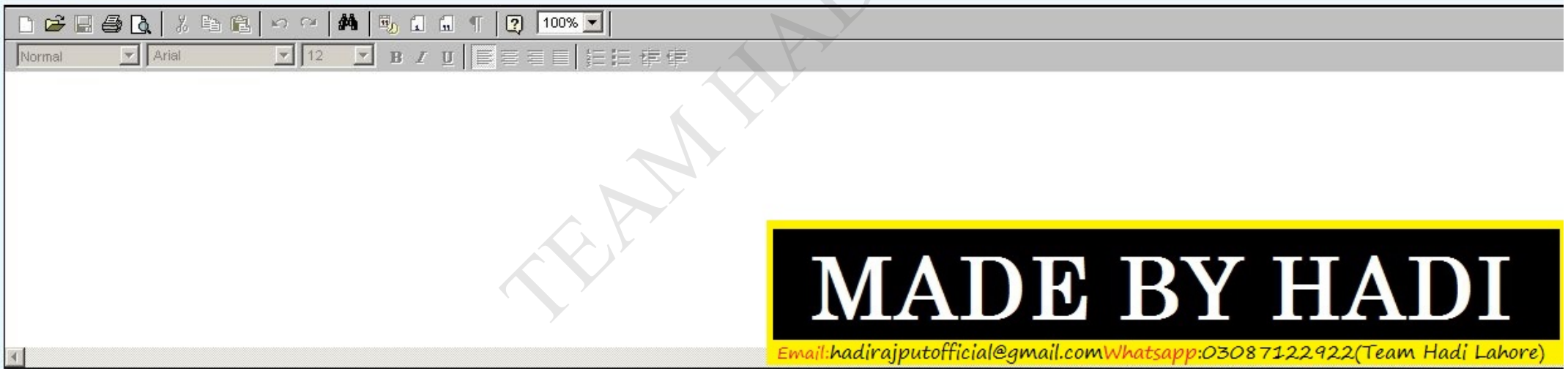
MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)

Question No : 26 of 26 Marks: 5 (Budgeted Time 10 Min)

Considering the resource sharing feature of threads, what do you think is 'resource sharing' an advantage of a thread or disadvantage of a thread. State your answer briefly with strong argument.

Answer (Please click here to Add Answer)



TEAM HADI(VU)

MADE BY HADI

Email:hadirajputofficial@gmail.comWhatsapp:03087122922(Team Hadi Lahore)



HADI VU PAST PAPER

WE DEAL ALL KIND OF VU PROJECT
(PHP,ANDROID,PYTHON)

DEAR STUDENTS

ARE YOU LOOKING
FOR ASSISTANCE

1) ASSIGNMENTS
2) QUIZZES
3) GDB
4) GRAND QUIZZES

We Provide,You Solution of VU Academic Activities include Assignments, Quizzes,GDBs,Grand Quizze If You Need Help in Services Kindly inform us.

TEAM HADI
(VU LAHORE)

TEAM HADI
(VU LAHORE)

HADI TECH

#PAID_TASK

CONTACT US

CALL & WHATSAPP

0308-7122922