

CSE 007 Final
Exam, Form: **A**

Name: _____

Student Number: _____

TA: _____

Date: _____

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. Suppose you want to store the LYS scores of all students who entered the university exam. Which programming structure would you use for it?
 - (a) If-Else
 - (b) Loop
 - (c) Array
 - (d) Function
2. Which of the following is not one of the essentially desirable properties of an algorithm?
 - (a) Efficient
 - (b) Fast
 - (c) Ambiguous
 - (d) Correct
3. The first international standard that was used to represent characters in languages is called
 - (a) Unicode
 - (b) ASCII
 - (c) String
 - (d) ISO
4. Which of the following can be used to store data
 - (a) Computer Screen
 - (b) Network
 - (c) Cable
 - (d) RAM
5. The basic unit of operation in a CPU is called
 - (a) Memory
 - (b) Bit
 - (c) Microprocessor
 - (d) Instruction

6. What is the result of $((1 \text{ OR } 0) \text{ AND } 0)$?
 - (a) 0
 - (b) 1
 - (c) Can not be known
 - (d) 2
7. How many different objects can you represent using 5 bits?
 - (a) 32
 - (b) 6
 - (c) 64
 - (d) 16
8. Which of the following is not an operating system
 - (a) Unix
 - (b) Android
 - (c) Microsoft Excel
 - (d) IOS
9. Which of the following is not part of an Operating System
 - (a) Kernel
 - (b) Shell
 - (c) Games
 - (d) Utility

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. Internet Explorer is an example of a _____
 - (a) architecture
 - (b) computer
 - (c) protocol
 - (d) browser
11. Which one is a network topology?
 - (a) Metrobus
 - (b) Bus
 - (c) Plane
 - (d) Train

12. Suppose you want to design an algorithm to solve the eight puzzle. Which of the following topics do you need to learn for that?
- (a) Artificial intelligence
 - (b) Computer networks
 - (c) Operating systems
 - (d) Database Systems
13. Suppose you want to store the information about students in a database table. Which information can be a primary key for this table?
- (a) Name
 - (b) Id
 - (c) Surname
 - (d) Gpa
14. Akbank uses . . . network architecture.
- (a) Client-server
 - (b) P2P
 - (c) Browser
 - (d) Ring
15. There are different ways in which you can store data in a computing device. Which topic do you need to learn if you want to design efficient and correct data storage methods?
- (a) Artificial Intelligence
 - (b) Human Computer Interaction
 - (c) Database Systems
 - (d) Computer Networks
16. Which of the following is largest part of software engineering?
- (a) Requirements analysis
 - (b) Debugging
 - (c) Coding
 - (d) System Design
17. In which game will a human have a chance to defeat the computer?
- (a) TicTacToe
 - (b) 4-in-a-row
 - (c) Chess
 - (d) Go
18. Which phase of the software engineering practice involves interaction with the client?
- (a) Coding
 - (b) Architecture design
 - (c) Documentation
 - (d) Requirements analysis
19. Which of the following is an object-oriented programming language?
- (a) C
 - (b) ML
 - (c) Java
 - (d) Prolog
- Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak**
20. What is the name of the instructor for this course?
- (a) Ercan Solak
 - (b) Boray Tek
 - (c) Olcay Taner Yildiz
 - (d) Taner Eskil
21. If you must take a course before you can take another course, this is called:
- (a) Opposite
 - (b) Prerequisite
 - (c) Composite
 - (d) Maturity
22. Which of the following definitions best fit plagiarism?
- (a) A search technique in artificial intelligence to find better strategies for online gaming
 - (b) A semantic group of software architects that meet online for a purpose (e.g. hacking a server)
 - (c) To present someone else's ideas or work as one's own
 - (d) Sharing of resources such as memory and the processor by multiple running applications

23. Ethical or not; getting a tutor do the homework assignments for you.
- (a) Ethical if the tutor is not paid
 - (b) Absolutely not!
 - (c) Ethical if the tutor is not paid and he explains the solution to you
 - (d) Why not?
24. The assignment is due next morning and you still cannot solve a problem. What should you do?
- (a) Call a buddy and ask for help
 - (b) Submit what you have got and start working on the assignment earlier next time
 - (c) Google for a solution
 - (d) E-mail the instructor and ask her to postpone the due date
25. Which of the following would be considered cheating in 'strictly individual' projects?
- (a) Copying solutions from online sources
 - (b) Getting help from a friend or tutor
 - (c) Solving the problem together with friends and writing the paper individually
 - (d) All of the above

Answer Key for Exam A

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. (c)
2. (c)
3. (b)
4. (d)
5. (d)
6. (a)
7. (a)
8. (c)
9. (c)

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. (d)
11. (b)
12. (a)

13. (b)
14. (a)
15. (c)
16. (b)
17. (d)
18. (d)
19. (c)

Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak

20. (c)
21. (b)
22. (c)
23. (b)
24. (b)
25. (d)

CSE 007 Final
Exam, Form: **B**

Name: _____

Student Number: _____

TA: _____

Date: _____

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. Which of the following is not one of the essentially desirable properties of an algorithm?
 - (a) Efficient
 - (b) Fast
 - (c) Ambiguous
 - (d) Correct
2. What is the result of $((1 \text{ OR } 0) \text{ AND } 0)$?
 - (a) 0
 - (b) 1
 - (c) Can not be known
 - (d) 2
3. Which of the following is not an operating system?
 - (a) Unix
 - (b) Android
 - (c) Microsoft Excel
 - (d) IOS
4. The first international standard that was used to represent characters in languages is called
 - (a) Unicode
 - (b) ASCII
 - (c) String
 - (d) ISO
5. Which of the following is not part of an Operating System?
 - (a) Kernel
 - (b) Shell
 - (c) Games
 - (d) Utility

6. Which of the following can be used to store data
 - (a) Computer Screen
 - (b) Network
 - (c) Cable
 - (d) RAM
7. Suppose you want to store the LYS scores of all students who entered the university exam. Which programming structure would you use for it?
 - (a) If-Else
 - (b) Loop
 - (c) Array
 - (d) Function
8. The basic unit of operation in a CPU is called
 - (a) Memory
 - (b) Bit
 - (c) Microprocessor
 - (d) Instruction
9. How many different objects can you represent using 5 bits?
 - (a) 32
 - (b) 6
 - (c) 64
 - (d) 16

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. Which one is a network topology?
 - (a) Metrobus
 - (b) Bus
 - (c) Plane
 - (d) Train

11. Akbank uses ... network architecture.
- (a) Client-server
 - (b) P2P
 - (c) Browser
 - (d) Ring
12. Suppose you want to design an algorithm to solve the eight puzzle. Which of the following topics do you need to learn for that?
- (a) Artificial intelligence
 - (b) Computer networks
 - (c) Operating systems
 - (d) Database Systems
13. Which of the following is an object-oriented programming language?
- (a) C
 - (b) ML
 - (c) Java
 - (d) Prolog
14. Which of the following is largest part of software engineering?
- (a) Requirements analysis
 - (b) Debugging
 - (c) Coding
 - (d) System Design
15. In which game will a human have a chance to defeat the computer?
- (a) TicTacToe
 - (b) 4-in-a-row
 - (c) Chess
 - (d) Go
16. Which phase of the software engineering practice involves interaction with the client?
- (a) Coding
 - (b) Architecture design
 - (c) Documentation
 - (d) Requirements analysis
17. There are different ways in which you can store data in a computing device. Which topic do you need to learn if you want to design efficient and correct data storage methods?
- (a) Artificial Intelligence
 - (b) Human Computer Interaction
 - (c) Database Systems
 - (d) Computer Networks
18. Internet Explorer is an example of a ———
- (a) architecture
 - (b) computer
 - (c) protocol
 - (d) browser
19. Suppose you want to store the information about students in a database table. Which information can be a primary key for this table?
- (a) Name
 - (b) Id
 - (c) Surname
 - (d) Gpa
- Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak**
20. The assignment is due next morning and you still cannot solve a problem. What should you do?
- (a) Call a buddy and ask for help
 - (b) Submit what you have got and start working on the assignment earlier next time
 - (c) Google for a solution
 - (d) E-mail the instructor and ask her to postpone the due date
21. Which of the following would be considered cheating in 'strictly individual' projects?
- (a) Copying solutions from online sources
 - (b) Getting help from a friend or tutor
 - (c) Solving the problem together with friends and writing the paper individually
 - (d) All of the above

22. Ethical or not; getting a tutor do the homework assignments for you.
- (a) Ethical if the tutor is not paid
 - (b) Absolutely not!
 - (c) Ethical if the tutor is not paid and he explains the solution to you
 - (d) Why not?
23. If you must take a course before you can take another course, this is called:
- (a) Opposite
 - (b) Prerequisite
 - (c) Composite
 - (d) Maturity
24. Which of the following definitions best fit plagiarism?
- (a) A search technique in artificial intelligence to find better strategies for online gaming
 - (b) A semantic group of software architects that meet online for a purpose (e.g. hacking a server)
 - (c) To present someone else's ideas or work as one's own
 - (d) Sharing of resources such as memory and the processor by multiple running applications
25. What is the name of the instructor for this course?
- (a) Ercan Solak
 - (b) Boray Tek
 - (c) Olcay Taner Yildiz
 - (d) Taner Eskil

Answer Key for Exam B

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. (c)
2. (a)
3. (c)
4. (b)
5. (c)
6. (d)
7. (c)
8. (d)
9. (a)

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. (b)
11. (a)
12. (a)

13. (c)
14. (b)
15. (d)
16. (d)
17. (c)
18. (d)
19. (b)

Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak

20. (b)
21. (d)
22. (b)
23. (b)
24. (c)
25. (c)

CSE 007 Final
Exam, Form: **C**

Name: _____

Student Number: _____

TA: _____

Date: _____

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. The first international standard that was used to represent characters in languages is called
 - (a) Unicode
 - (b) ASCII
 - (c) String
 - (d) ISO
2. Suppose you want to store the LYS scores of all students who entered the university exam. Which programming structure would you use for it?
 - (a) If-Else
 - (b) Loop
 - (c) Array
 - (d) Function
3. How many different objects can you represent using 5 bits?
 - (a) 32
 - (b) 6
 - (c) 64
 - (d) 16
4. Which of the following can be used to store data
 - (a) Computer Screen
 - (b) Network
 - (c) Cable
 - (d) RAM
5. Which of the following is not one of the essentially desirable properties of an algorithm?
 - (a) Efficient
 - (b) Fast
 - (c) Ambiguous
 - (d) Correct

6. The basic unit of operation in a CPU is called
 - (a) Memory
 - (b) Bit
 - (c) Microprocessor
 - (d) Instruction
7. What is the result of $((1 \text{ OR } 0) \text{ AND } 0)$?
 - (a) 0
 - (b) 1
 - (c) Can not be known
 - (d) 2
8. Which of the following is not part of an Operating System
 - (a) Kernel
 - (b) Shell
 - (c) Games
 - (d) Utility
9. Which of the following is not an operating system
 - (a) Unix
 - (b) Android
 - (c) Microsoft Excel
 - (d) IOS

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. Which phase of the software engineering practice involves interaction with the client?
 - (a) Coding
 - (b) Architecture design
 - (c) Documentation
 - (d) Requirements analysis

11. Which of the following is largest part of software engineering?
- (a) Requirements analysis
 - (b) Debugging
 - (c) Coding
 - (d) System Design
12. There are different ways in which you can store data in a computing device. Which topic do you need to learn if you want to design efficient and correct data storage methods?
- (a) Artificial Intelligence
 - (b) Human Computer Interaction
 - (c) Database Systems
 - (d) Computer Networks
13. Suppose you want to store the information about students in a database table. Which information can be a primary key for this table?
- (a) Name
 - (b) Id
 - (c) Surname
 - (d) Gpa
14. Suppose you want to design an algorithm to solve the eight puzzle. Which of the following topics do you need to learn for that?
- (a) Artificial intelligence
 - (b) Computer networks
 - (c) Operating systems
 - (d) Database Systems
15. In which game will a human have a chance to defeat the computer?
- (a) TicTacToe
 - (b) 4-in-a-row
 - (c) Chess
 - (d) Go
16. Internet Explorer is an example of a ———
- (a) architecture
 - (b) computer
 - (c) protocol
 - (d) browser
17. Which of the following is an object-oriented programming language?
- (a) C
 - (b) ML
 - (c) Java
 - (d) Prolog
18. Akbank uses . . . network architecture.
- (a) Client-server
 - (b) P2P
 - (c) Browser
 - (d) Ring
19. Which one is a network topology?
- (a) Metrobus
 - (b) Bus
 - (c) Plane
 - (d) Train
- Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak
20. If you must take a course before you can take another course, this is called:
- (a) Opposite
 - (b) Prerequisite
 - (c) Composite
 - (d) Maturity
21. Which of the following would be considered cheating in 'strictly individual' projects?
- (a) Copying solutions from online sources
 - (b) Getting help from a friend or tutor
 - (c) Solving the problem together with friends and writing the paper individually
 - (d) All of the above

22. Which of the following definitions best fit plagiarism?
- (a) A search technique in artificial intelligence to find better strategies for online gaming
 - (b) A semantic group of software architects that meet online for a purpose (e.g. hacking a server)
 - (c) To present someone else's ideas or work as one's own
 - (d) Sharing of resources such as memory and the processor by multiple running applications
23. Ethical or not; getting a tutor do the homework assignments for you.
- (a) Ethical if the tutor is not paid
 - (b) Absolutely not!
 - (c) Ethical if the tutor is not paid and he explains the solution to you
 - (d) Why not?
24. What is the name of the instructor for this course?
- (a) Ercan Solak
 - (b) Boray Tek
 - (c) Olcay Taner Yildiz
 - (d) Taner Eskil
25. The assignment is due next morning and you still cannot solve a problem. What should you do?
- (a) Call a buddy and ask for help
 - (b) Submit what you have got and start working on the assignment earlier next time
 - (c) Google for a solution
 - (d) E-mail the instructor and ask her to postpone the due date

Answer Key for Exam C

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. (b)
2. (c)
3. (a)
4. (d)
5. (c)
6. (d)
7. (a)
8. (c)
9. (c)

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. (d)
11. (b)
12. (c)

13. (b)
14. (a)
15. (d)
16. (d)
17. (c)
18. (a)
19. (b)

Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak

20. (b)
21. (d)
22. (c)
23. (b)
24. (c)
25. (b)

CSE 007 Final
Exam, Form: D

Name: _____

Student Number: _____

TA: _____

Date: _____

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. Suppose you want to store the LYS scores of all students who entered the university exam. Which programming structure would you use for it?
 - (a) If-Else
 - (b) Loop
 - (c) Array
 - (d) Function
2. The first international standard that was used to represent characters in languages is called
 - (a) Unicode
 - (b) ASCII
 - (c) String
 - (d) ISO
3. How many different objects can you represent using 5 bits?
 - (a) 32
 - (b) 6
 - (c) 64
 - (d) 16
4. Which of the following is not one of the essentially desirable properties of an algorithm?
 - (a) Efficient
 - (b) Fast
 - (c) Ambiguous
 - (d) Correct
5. Which of the following is not part of an Operating System
 - (a) Kernel
 - (b) Shell
 - (c) Games
 - (d) Utility

6. What is the result of $((1 \text{ OR } 0) \text{ AND } 0)$?
 - (a) 0
 - (b) 1
 - (c) Can not be known
 - (d) 2
7. The basic unit of operation in a CPU is called
 - (a) Memory
 - (b) Bit
 - (c) Microprocessor
 - (d) Instruction
8. Which of the following can be used to store data
 - (a) Computer Screen
 - (b) Network
 - (c) Cable
 - (d) RAM
9. Which of the following is not an operating system
 - (a) Unix
 - (b) Android
 - (c) Microsoft Excel
 - (d) IOS

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. Akbank uses ... network architecture.
 - (a) Client-server
 - (b) P2P
 - (c) Browser
 - (d) Ring

11. Suppose you want to store the information about students in a database table. Which information can be a primary key for this table?
- (a) Name
 - (b) Id
 - (c) Surname
 - (d) Gpa
12. Which phase of the software engineering practice involves interaction with the client?
- (a) Coding
 - (b) Architecture design
 - (c) Documentation
 - (d) Requirements analysis
13. In which game will a human have a chance to defeat the computer?
- (a) TicTacToe
 - (b) 4-in-a-row
 - (c) Chess
 - (d) Go
14. Which of the following is largest part of software engineering?
- (a) Requirements analysis
 - (b) Debugging
 - (c) Coding
 - (d) System Design
15. Which one is a network topology?
- (a) Metrobus
 - (b) Bus
 - (c) Plane
 - (d) Train
16. There are different ways in which you can store data in a computing device. Which topic do you need to learn if you want to design efficient and correct data storage methods?
- (a) Artificial Intelligence
 - (b) Human Computer Interaction
 - (c) Database Systems
 - (d) Computer Networks
17. Suppose you want to design an algorithm to solve the eight puzzle. Which of the following topics do you need to learn for that?
- (a) Artificial intelligence
 - (b) Computer networks
 - (c) Operating systems
 - (d) Database Systems
18. Internet Explorer is an example of a ———
- (a) architecture
 - (b) computer
 - (c) protocol
 - (d) browser
19. Which of the following is an object-oriented programming language?
- (a) C
 - (b) ML
 - (c) Java
 - (d) Prolog
- Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak
20. Ethical or not; getting a tutor do the homework assignments for you.
- (a) Ethical if the tutor is not paid
 - (b) Absolutely not!
 - (c) Ethical if the tutor is not paid and he explains the solution to you
 - (d) Why not?
21. Which of the following would be considered cheating in 'strictly individual' projects?
- (a) Copying solutions from online sources
 - (b) Getting help from a friend or tutor
 - (c) Solving the problem together with friends and writing the paper individually
 - (d) All of the above

22. The assignment is due next morning and you still cannot solve a problem. What should you do?
- (a) Call a buddy and ask for help
 - (b) Submit what you have got and start working on the assignment earlier next time
 - (c) Google for a solution
 - (d) E-mail the instructor and ask her to postpone the due date
23. Which of the following definitions best fit plagiarism?
- (a) A search technique in artificial intelligence to find better strategies for online gaming
 - (b) A semantic group of software architects that meet online for a purpose (e.g. hacking a server)
 - (c) To present someone else's ideas or work as one's own
 - (d) Sharing of resources such as memory and the processor by multiple running applications
24. What is the name of the instructor for this course?
- (a) Ercan Solak
 - (b) Boray Tek
 - (c) Olcay Taner Yildiz
 - (d) Taner Eskil
25. If you must take a course before you can take another course, this is called:
- (a) Opposite
 - (b) Prerequisite
 - (c) Composite
 - (d) Maturity

Answer Key for Exam D

Section 1. Bilgisayar Mühendisliğinin genel kavramları hakkında bilgi sahibi olmak

1. (c)

2. (b)

3. (a)

4. (c)

5. (c)

6. (a)

7. (d)

8. (d)

9. (c)

Section 2. Bilgisayar Mühendisliğinin alt disiplinleri hakkında bilgi sahibi olmak

10. (a)

11. (b)

12. (d)

13. (d)

14. (b)

15. (b)

16. (c)

17. (a)

18. (d)

19. (c)

Section 3. Bilgisayar Mühendisliği meslek ve eğitim etiğinden haberdar olmak

20. (b)

21. (d)

22. (b)

23. (c)

24. (c)

25. (b)