

C-43

Roll No.....

Total No. of Questions : 27]

[Total No. of Printed Pages : 4

IT/ITES (Vth)
AIR-21 (Kashmir Division)
CHSS Magam

XIARKD21

5843

IT/ITES

(Vocational)

Time : 2.10 Hours]

[Maximum Marks : 60

(Very Short Answer Type Questions)

1 each

1. How do you receive information on phone ?

☒ (A) Listening

(B) Speaking

(C) Reading

(D) Writing

2. At which of these times you can say 'Good Evening' ?

(A) 11 am

(B) 2 pm

(C) 9 am

☒ (D) 7 pm

XIARKD21-5843

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Turn Over

3. Full-form of ROM is Read only memory
4. Binary Number system is also called
(A) Base 16 system
☒ (B) Base 2 system
(C) Base 10 system
(D) Base 8 system
5. The person who creates program is known as software. (True/False) ☒
6. Linux is a windows application. (True/False) ☒
7. Full-form of LAN is Local Area Network
8. Which data structure allows deleting data elements from front and inserting at rear ?
(A) Stacks
☒ (B) Queues
(C) Deques
(D) Binary Search Tree
9. What will be the output of the following python code ?
max ("what are you")
(A) error
(B) u
(C) t
☒ (D) y

10. Given a string example "hello" what is the output of :

example. count ('l') ?

- ✓(A) 2
- (B) 1
- (C) None
- (D) 0

(Short Answer Type Questions-I)

2 each

- 11. Define Feedback.
- 12. Define IT.
- 13. List any *four* output devices.
- 14. Define RAM.
- 15. What is an Algorithm ?
- 16. Name any *two* operating systems.
- 17. Define operators in Python.

(Short Answer Type Questions-II)

3 each

- 18. Write the advantages of non-verbal communication.
- 19. What is Team Work ? Explain.
- 20. Define the following :
 - (a) Header
 - (b) Footer
 - (c) Undo/Redo

21. Convert $(65)_{10} \rightarrow (?)_2$.
22. Explain Star Topology.
23. Explain Arrays.
24. Define Foreign Key.

(Long Answer Type Questions)

5 each

25. What are the values of an Entrepreneur ?

Or

What is Green Economy ? Who are the stakeholders in green economy ?

26. What is a Computer Network ? Define LAN.

Or

What are the functions of operating system ? Explain.

27. Describe relational data model.

Or

Define and describe Data Definition Language.

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Roll No.....

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XILKGAR21

5628

IT/ITES

(Vocational)

Time : 2.10 Hours]

[Maximum Marks : 60

(Very Short Answer Type Questions)

1 each

1. By which action can a sender send his/her messages ?

(A) Listening

☒ (B) Speaking

(C) Sleeping

(D) None of these

2. Dressing and grooming does not affect your overall impression on others.

☒ (True/False)

3. Full form of RAM is Random Access Memory

4. Octal number system is also called

(A) Base 2 System

☒ (B) Base 8 System

(C) Base 10 System

(D) Base 16 System

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Turn Over

(2)

5. A Pseudocode can also be used to represent an algorithm. (True/False) ✓
6. A Microsoft Windows is a(n) :
- ✓(A) Operating System (B) Graphic Program
(C) Word Processing (D) Database Program
7. A distributed network configuration in which all data/information pass through a central computer is :
- (A) Bus network ✓(B) Star network
(C) Ring network (D) Point-to-point network
8. How can we describe an array in the best possible way ?
- (A) The array shows a hierarchical structure
(B) Arrays are immutable
✓(C) Container that stores the elements of similar type
(D) The array is not a data structure
9. What is the maximum possible length of an identifier ?
- (A) 31 characters (B) 63 characters
✓(C) 79 characters (D) Identifiers can be of any length
10. What will be the output of the following Python Code ?
- Max ("What are you")
- (A) error (B) u
(C) t ✓(D) y

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(3)

(Short Answer Type Questions–I)

2 each

11. Write importance of communication.
12. Define ICT.
13. List any *four* input devices.
14. Define ROM.
15. Define Program.
16. What is a Computer Network ?
17. Write any *two* features of Python.

(Short Answer Type Questions–II)

3 each

18. What is Verbal Communication ? Give its advantages.
19. What are Greetings ? Describe briefly 'Introduction'.
20. What do you understand by Word Processing ?
21. Describe briefly Central Processing Unit.
22. What is Bus Topology ? Give its characteristics.
23. What is Primitive Data Structure ?
24. Describe briefly primary key.

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Turn Over

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(4)

(Long Answer Type Questions)

5 each

25. Write down the procedure for printing a document.

Or

What are the main sectors/components of Green Economy ?

26. Define and describe different types of computer networks.

Or

What is an Operating System ? Describe any *two* types of operating system.

27. Define and describe DBMS.

Or

Write down the limitations of a file system.

* Mohd Asif Jan
VT(IT), GGHSS Magam Budgam
9419877030

W-42

Roll No.

Total No. of Questions : 27]

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XIAP/BIKD22

7142

IT/ITES

(Vocational)

Time : 2½ Hours]

[Maximum Marks : 60

(Very Short Answer Type Questions)

1 each

1. Communication is a part of skills.

☒ (A) Soft

(B) Hard

(C) Rough

(D) Short

2. Over the years, with economic development, there has been an increase in :

(A) Water pollution

(B) Air pollution

(C) Noise pollution

☒ (D) All of these

3. A gigabyte is equal to :

(A) 1024 bytes

☒ (B) 1024 megabytes

(C) Million megabytes

(D) Thousand kilobytes

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Turn Over

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4. Which of the following refers to the memory in computer ?

(A) VGA

(B) CPU

☒ (C) RAM

(D) All of these

5. Operating system is a collection of :

☒ (A) Software routines

(B) Input-output devices

(C) Hardware components

(D) All of these

6. Bluetooth is an example of :

(A) Wide area network

(B) Virtual private network

(C) Local area network

☒ (D) Personal area network

7. A graph is a tree if and only if graph is :

(A) Direct graph

☒ (B) Contains no cycles

(C) Planar

(D) Completely connected

8. Push is act as :

☒ (A) Addition

(B) Deletion

(C) Tracking

(D) None of these

9. In which language is Python written ?

(A) English

(B) PHP

☒ (C) C

(D) All of these

10. What is the full form of SQL ?

☒ (A) Structure Query Language

(B) Structure Query List

(C) Simple Query Language

(D) None of these

(Short Answer Type Questions-I)

2 each

11. Name the *four* communication styles.
12. Define ICT.
13. Name the field where computer were used.
14. List any *four* output devices.
15. List any *four* operating system.
16. List any *four* input devices.
17. Define Queue.

(Short Answer Type Questions-II)

3 each

18. What is header and footer in word processor ?
19. Define green economy and write the name of five components of green economy.
20. What do you understand by Word Processing ?
21. Convert $(20)_{10}$ to binary number.
22. What is algorithm and what are its characteristics ?
23. What is Star Topology ? Give its characteristics.
24. What are the different types of data types ?

Q21:

2	20	
2	10	→ 0
2	5	→ 0
2	2	→ 1
2	1	→ 0
	0	→ 1

↑

$$= (10100)_2$$

Turn Over

(4)

(Long Answer Type Questions)

5 each

25. Define Green Economy and its components.

Or

Define simple sentence, compound sentence and complex sentence.

26. What is Number System ? Define decimal number system and binary number system.

Or

Define time ^{Sharing} ~~share~~-operating system, distributed operating system and batch ^{processing} operating system.

27. Define and describe data manipulation language.

Or

Describe stack and queue with example.

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English Magam

X1thBAJKLK22

*IT & ITes
class: 11th
Session: Special*

*Supplementary
Private Examination*

8141

IT/ITES

(Vocational)

Time : 2½ Hours]

[Maximum Marks : 60

Very Short Answer Type Questions

1 each

1. What does an upright (straight) body posture convey or show ?

(A) Shyness

(B) Fear

☒ (C) Confidence

(D) Intelligence

2. Which of these are formal greetings ?

(A) Good morning

(B) Good evening

(C) Good afternoon

☒ (D) All of these

3. Full form of CPU is Central Processing Unit

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Turn Over

(2)

4. Decimal number system is called
- (A) Base 2 system ☒ (B) Base 10 system
(C) Base 8 system (D) Base 16 system
5. What is the maximum possible length of an identifier ?
- (A) 31 characters ☒ (B) 79 characters
(C) 63 characters (D) None of these
6. Which is known as brain of computer ?
- ☒ (A) CPU (B) Keyboard
(C) Mouse (D) Monitor
7. A pseudocode can also be used to represent an algorithm. (True/False) ☒
8. Full form of LAN is Local Area Network
9. Python is :
- ☒ (A) High level language (B) Low level language
(C) Assembly level language (D) None of these
10. Which one of the following is the process of inserting an element in the stack ?
- (A) Insert (B) Add
☒ (C) Push (D) None of these

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Short Answer Type Questions-I

2 each

11. What is Flowchart ?
12. Draw Communication Cycle.
13. List any *two* storage devices.
14. What is an Operating System ?
15. Who is an Entrepreneur ?
16. What is Python ?
17. Name any *three* fields where computer is being used.

Short Answer Type Questions-II

3 each

18. Introduce yourself in *five* lines.
19. List any *five* sectors of green economy.
20. What is Word Processor ?
21. What are types of non-verbal communication ?
22. Draw block diagram of Computer.
23. What is primitive data structure ?
24. Define DBMS.

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Turn Over

(4)

Long Answer Type Questions

5 each

25. What are the steps to create a document in Word Processor ?

Or

What are the steps to save a document ?

26. What are the different types of Operating System ? Explain any *two*.

Or

What are the different types of network topologies ? Explain any *two*.

27. What are the advantages of DBMS ?

Or

Define the following :

- (a) Primary key
- (b) Candidate key
- (c) Foreign key