Total No. of Questions : 23]   [Total No. of Printed Pages : 4

GGHSS Magam
IT & ITes
Class :- 11th
Exam :- A|R-23
(Soft Zone)
(9419077030)

XIARJKUT23
9254
IT/ITES
(Vocational)

Time : 2.30 Hours]   [Maximum Marks : 50

Section–A

(Very Short Answer Type Questions)   1 each

1. Which of the following is an effective components of good feedback ?

   (A) Indirect   (B) Opinion based

   (C) Detailed and time consuming   (D) Specific

2. Self-management is also useful in :

   (A) Reaching your goals   (B) Overcoming bad habits

   (C) Creating positive habits   (D) All of these

3. Which of the following is volatile memory ?

   (A) ROM   (B) RAM

   (C) Hardisk   (D) Pendirve

4. The software used to write program is known as a text editor.

   (True/False)

5. In flow chart ....Flow Lines.... indicates the sequence of steps direction of flow.

6. In which year was Python language developed ....1991.... ?

7. Which type of programming does Python support ?

   (A) Object-oriented programming   (B) Structured programming

   (C) Functional programming   (D) All of these

8. Which of the following is principle of Stack ?

   (A) FIFO   (B) Linear Tree

   (C) LIFO   (D) LILO

9. Network operating system runs on :

   (A) Every system in the network   (B) Server

   (C) Both (A) and (B)   (D) None of these

10. MAC addresses are also known as :

    (A) Hardware address   (B) Physical address

    (C) Both (A) and (B)   (D) IP address

Section–B

(Short Answer Type Questions–I)   2 each

11. Convert (10110) into decimal.

12. Define Software.

13. What is an Algorithm ?

14. Define Time Sharing Operating System.

15. What are the variables in Python.

Section–C

(Short Answer Type Questions–II)   3 each

16. Define Feedback. Why is it important in Communication ?

17. Convert $(36)_{10}$ into Binary.

18. Define the following :

    (a) LAN

    (b) WAN

    (c) MAN

19. What is Searching ? What are Linear Search and Binary Search ?

20. What is a Database ?

(4)

Section–D

(Long Answer Type Questions)   5 each

21. Define Entrepreneurship. Write down the different types of entrepreneurship.

Or

What is Header and Footer ? Write down the steps to create neo-document with header and footer.

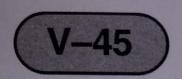22. What is an Operating System ? What are its functions.

Or

Define Network Protocol System. Write different types of Network Protocols.

23. What is SQL ? What do you mean by DOL and DML ?

Or

Define and describe DBMS. Write down the advantages of DBMS.

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IT/ITES

(Vocational)

Roll No. ....

(handwritten notes): LGHSS Magam Sub:- IT & ITes Class:- 11th Exam:- AIP-BIA-2023 (9419877030)

Time : 2½ Hours] [Maximum Marks : 50

Section-A

(Very Short Answer Type Questions)   1 each

1. By what method we can know that receiver understood or got the massage :

    (A) Transmitting   (B) Feedback

    (C) Message   (D) Listening

2. What can be presented by face ?

    (A) Gastures   (B) Body language

    (C) Paralanguage   (D) Expressions

3. What is the full form of GUI ?

    (A) Graphical universal interface   (B) Graphical user interface

    (C) General universal interface   (D) General utility interface

4. In flow chart input/output instructions are represented by :

    (A) A rectangle   (B) A Rhombus

    (C) A parallelogram   (D) A circle

5. Full form of EPROM is ...Erasable Programmable Read only memory

6. Python Programming is a case sensitive.

                                                   (True/False)

7. Python is a ...high... level programming language.

8. Which one is the process of inserting an element in the stack :

    (A) Insert   (B) Add

    (C) Push   (D) None of these

9. Which of the following is not a characteristic of High Level language :

    (A) Platform-Independ   (B) Machine code

    (C) Interactive execution   (D) User friendly

10. Computer virus is a :

    (A) Hardware   (B) Software

    (C) Bacteria   (D) Freeware

Section-B

(Short Answer Type Questions–I)

                                                                2 each

11. Differentiate between RAM and ROM.

12. What is a flowchart ?

13. Convert $(11001)_2$ into decimal.

14. What is HTTP and HTTPS ?

15. What are the Key features of Python ?

Section-C

(Short Answer Type Questions–II)   3 each

16. Define communication and its types.

17. Define computer memory. What are the different types of computer memory ?

18. Define Router, Hub and Switch.

19. What is Data Structure ?

20. What are the limitations of file system ?

Section-D

(Long Answer Type Questions)   5 each

21. Define ICT and ITES. What are the different fields of ICT ?

Or

What is Business Idea. What are the steps to understand the market ?

22. What is a Network topology. What are different types of network topology ?

Or

Define the terms

(a) Virus

(b) Ransomware

(c) Tor Jan

23. What is Relational Model. What are its terminologies ?

Or

Define and describe DBMS. Write down the advantages of DBMS.

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IT/ITES

(Vocational)

Section–A

(Very Short Answer Type Questions)   1 each

1.   .... is the habit of keeping ourselves clean.

   (A)   Self-control   (B)   Self-confidence

   (C)   Personal hygiene   (D)   Smartness

2.   Which of the following is not a self-management skill ?

   (A)   Problem solving   (B)   Bargaining

   (C)   Self-understanding   (D)   Confidence building

3.   Which of the following is not a characteristics of a good algorithm ?

   (A)   Precision   (B)   Uniqueness

   (C)   Finiteness   (D)   Neatness

4. A .... is considered as a non-formal language that help programmers to write algorithm.

    (A)   High level language   (B)   Pseudocode

    (C)   Programming language   (D)   None of these

5. Programs written using binary digits are directly understood by the computer hardware.

                                                              (True/False)

6. What does HTTP stand for ?

7. .... connects computers and other LANs and MANs, which are spread across different geographical locations ?

    (A)   PAN   (B)   Ethernet

    (C)   WAN   (D)   All of these

8. Stack follows last-In-first out principle.   (True/False)

9. Python has .... function for taking user input.

    (A)   print()   (B)   type()

    (C)   input()   (D)   bool()

10. Which of the following is a logical operator in Python ?

    (A)   and   (B)   is

    (C)   = =   (D)   < =

Section–B

(Short Answer Type Questions–I)   2 each

11. Define Primary Memory.

12. Convert $(122)_{10}$ to binary.

13. What is Interpreter ?

14. What is a Computer Virus ?

15. What is the purpose of 'comments' in python programming language ?

Section–C

(Short Answer Type Questions–II)   3 each

16. Define Verbal Communication.

17. Write down the characteristics of a good algorithm.

18. Discuss about star topology.

19. What do you mean by 'Data Structure' ?

20. Write the syntax for DROP table/database statement with example.

(4)

(Long Answer Type Questions)   5 each

21. Define the meaning of business idea. What are the *three* principles of business idea creation ?

Or

Discuss the importance of ITEs in different sectors.

22. What do you mean by Network Topology ? Discuss any *three* types of network topologies.

Or

What is an operating system ? Discuss the functions of an operating system.

23. Discuss the advantages of using 'Database Management System'.

Or

What are the limitations of 'File System' ?