XIIARJKUT23
9153
IT/ITES
(Vocational)

Time : 2.30 Hours]   [Maximum Marks : 6

(LONG ANSWER TYPE QUESTIONS)   5 eac

1. Discuss Entrepreneurship and qualities of a successful entrepreneur.

Or

Discuss about 'Green Jobs'. What are the green jobs available in solid waste management sector ?

2. Discuss 'Software Testing'. Define Unit Testing, Black Box Testing and White Box Testing.

Or

Discuss briefly 'Software Engineering' and list the phases of SDLC.

3. What steps should be taken to prevent 'Cyber Crime' ?

(2)

Or

What are the positive effects of technology on Health of Humans ?

(SHORT ANSWER TYPE QUESTIONS)   3 each

4. What steps should be taken to overcome 'Personality Disorders' ?

5. How can we maintain 'Positive Attitude' ?

6. Discuss about the 'Beta Version of a Software'.

7. What is Air Pollution and jobs available in 'Solar and Wind Energy' Sector ?

8. Write few features of Linux Operating System.

9. What is Cloud Computing ?

10. Define the terms :

    (a) Copyright

    (b) Patent

    (c) Trademark

(VERY SHORT ANSWER TYPE QUESTIONS)   2 each

11. What is the difference between 'Listening' and 'Active Listening' ?

12. What do you mean by 'Self-motivation' ?

13. What is the need for 'Software Engineering' ?

14. Write down the Syntax for 'The For Loop' in Python.

(3)

15. Name any *two* programming languages used for web development

16. List few features of 'Smart Phone'

17. Name any *two* operating systems used in Mobile Phones.

(MULTIPLE CHOICE QUESTIONS) 1 each

18. (i) Libre calc and MS Excel are :

(A) Spread Sheets   (B) Presentation S/W

(C) Operating Systems   (D) None of these

(ii) A .... software is used to display information in the form of a slide show.

(A) Spreadsheet   (B) Web Browser

(C) Presentation   (D) Operating System

(iii) Black box testing is also known as ....

(A) Functional Testing   (B) Complete Testing

(C) Halfway Testing   (D) Unit Testing

(iv) A software engineer is a person who applies the principles of software engineering to design a software   (True/False)

(v) Comments are non-executable statements to a program in Python.   (True/False)

(vi) Repetitive execution of the same block of code over and over is referred to as ....

    (A) Scripting   (B) Iteration

    (C) Compilation   (D) Debugging

(vii) Which of the following is not a HTML Tag ?

    (A)
           (B) <body>

    (C) <center>   (D) break

(viii) Which of the following HTML Tag is used for unordered list ?

    (A) <u>   (B) <tr>

    (C)   (D) <p>

(ix) The SMS stands for :

    (A) Smart Mobile Services

    (B) Small Mobile Services

    (C) Short Message Services

    (D) System Message Services

(x) Criminal activity that involves a computer, network devices or a network is called ....