Total No. of Questions: 18]

[Total No. of Printed Pages :

## 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.

**O**r

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

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

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## 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.

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<b>≱</b> 5. Na	me any two programming lang	uages	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 ar	re:			
	(A) Spread Sheets	(B)	Presentation S/W		
	(C) Operating Systems	(D)	None of these		
(ii)	A software is u	sed to	display information in the		
	form of a slide show.				
	(A) Spreadsheet	(B)	Web Browser		
	(C) Presentation	(D)	Operating System		
(iii)	(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 per	son wh	no applies the principles of		
software engineering to design a software (True					
(v) Comments are non-executable statements to a program in Python					
1 🕶 /	,		(True/False)		

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(vi)	Repetitive execution of the same block of code over and over		
	is referred to as		
	(A) Scripting	<b>(B</b> )	Iteration
	(C) Compilation	( <b>D</b> ).	Debugging
(vii)	Which of the following is no	ot a H	ITML Tag?
	(A)	(B)	<body></body>
	(C) <center></center>	(D)	break
(viii)	Which of the following HTML	. Tag	is used for unordered list?
	(A) <u></u>	(B)	
	(C) <ul></ul>	(D)	<
(ix)	The SMS stands for:		
	(A) Smart Mobile Services		
	(B) Small Mobile Services		
	(C) Short Message Services		
	(D) System Message Services		
( <b>x</b> )	Criminal activity that involves	a cor	nputer, network devices or
	a network is called		