

**Course: T171 P1 (Mid Term) (solution)**

Use ✓ on the correct answer (first 10 questions)

Q. no	Question	Mark
1 A	Which device is used for getting connected with internet? a) Modem b) ALU unit c) Motherboard d) Monitor	1
2 b	Which one of the following is not a software? a) Simulator b) Control unit c) MS-Paint a. Computer games	1
3 d	Which one is not a programming language? a) Basic b) Java c) Assembler a. CorelDraw	1
4 a	How many bits are needed to make one Byte? a) 8 bits b) 16 bits c) 10 bits a. Variable	1
5 c	Which one of the following is not a component of a microprocessor? a) ALU b) Control unit c) RAM a. Memory	1
6 d	Which factor does not have role in performance of a computer power? a) Microprocessor chip b) Word size c) RAM d) ROM	1
7 a	Who is considered as one of the pioneers of computer? a) Charls Babbage b) Bill Gates c) Steve Jobs d) Tom Robertson	1
8 c	Reverse engineering is a technique to produce: a) A new software	1

	<ul style="list-style-type: none"> <li>b) A new hardware</li> <li>c) To make a replica of another hardware</li> <li>d) To reverse the technology</li> </ul>	
9 d	<p>Which one was the first successful company in reverse engineering?</p> <ul style="list-style-type: none"> <li>a) IBM</li> <li>b) Dell</li> <li>c) Apple</li> <li>d) Compaq</li> </ul>	1
10 c	<p>What was the vision of Apple?</p> <ul style="list-style-type: none"> <li>a) To get the market</li> <li>b) To make money</li> <li>c) To make computing easy</li> <li>d) To provide up-to-date technology</li> </ul>	1
<b>True/False (Put T for true and F for false at the end of each question)</b>		
11t	NOS (Network Operating System) provides multi user concept.	1
12f	MS-DOS is superior than CP/M	1
13f	MS-DOS was developed by Microsoft from the very beginning.	
14f	Apple III was released to provide GUI.	1
15f	IBM was benefited by IBM clones.	1
16f	IBM lost the market because it adopted closed standard	1
17t	Operating system can communicate with hardware.	1
18t	Computer understands two alphabets only: 1 and 0.	1
19t	After restart of the computer, the content of the RAM disappears.	
20f	MS-Word is a programming language which was developed by Microsoft.	1
<b>Short questions. (Please try to answer in brief)</b>		
21	<p>What is the decimal of 11001? And what is the binary of 33?</p> <p>11001 → 25 33 → 100001</p>	3
22	<p>Describe functions of different components of a microprocessor in brief.</p> <p>You can find it from course material</p>	3
23	Briefly define two management aspects of IT industries.	3

	You can find it from course material	
24	Describe the effect of IBM clones on the company IBM in brief.  You can find it from course material	3
25	What is collusion? How collusion is avoided using Ethernet protocol?  You can find it from course material	3
Total		35