

FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH 2016.
(Finalised Scheme of Valuation)

Subject: Part II Computer Information Technology

Code No: 314

Qn.No	Scoring Indicators	Split Score	Total Score
1	b) $(100)_{10}$	1	1
2	a) 011010 b) 1100	1 2	3
3	a) NOT ANY Two b) Symbol for AND gates Truth table of NOT gate ANY two gates	1 1 1	3
4	c) NOR	1	1
5	Input, output, CPU, memory units and explanation. (1 mark each)	4	4
6	a) Non-volatile b) concept of optical storage, pit, land, spiral track, laser beams etc.	1 2	3
7	a) Compilers / Interpreters b) Easy to learn, debug, understand	1 2	3
8	a) processor, RAM (Any other valid components) b) Any valid specification for any four components	1 2	3
9	a) OS - managing resources - I/O, memory, file, process etc	2	

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9	b) Windows, Linux (Any valid OS)	2	4
10	a) Yes with proper justification.	1	
	b) Freedom to use, modify, distribute etc. vs - Source kept secret, license license, Fee to use, no right to copy (Any two)	1	2
11	a) Network Interface Card	1	
	b) Share, centralised resources, communication (Any two)	2	3
OR			
12	a) Twisted pair, Co-axial cable.	1	
	b) Light, total internal reflection	2	3
13	MODEM, ISP connection, browsers	2	2
14	Any two application on computers in each field (1 score each)	3	3
15	Flow chart symbols (2 score) Logic (1 score)	2+1	3
16	#include - header file inclusion (1 score) #define - define constants, macro (1 score) (mention about preprocessor directive)	1+1	2

Qn.No	Scoring Indicators	Split Score	Total Score
17	a) 20 and 50 (1 score) 50 and 20 (1 score)	1+1	
	b) cin-streams Input from keyboard, cout-streams output to monitor Use of >> and << operators.	2	4
18	Syntax of switch (2 score) Working of switch with example (2 score)	2+2	4
	OR		
19	Program logic (3 score) Syntax (1 score)	3+1	4
20	a) $4 + 3 + 2 = 9$	2	
	b) for (; number > 0; number /= 10) Sum += number % 10;	2	4
21	a) null character at the end of string	1	
	b) for (i = 3; i >= 0; i--) cout << P[i]; (or any valid program)	2	3
22	a) 56 bytes	1	
	b) Reading data members (1 score) Printing data members (1 score)	1+1	3
23	int Add (int x, int y) { return (x + y); } (Any valid function code)	2	2