22nd ITPEC FE Morning Exam -- October 2016

#Q	Category	Theme	Correct Ans
1	1.1.1	Logical operation	a
2	1.1.1	Binary arithmetic (Overflow)	c
3	1.1.2	Probability theory (2 dice)	c
4	1.1.2	Leap year	b
5	1.2.1	Description of a queue	a
6	1.2.1	Computational complexity of binary search	a
7	1.2.4	Specification for Java component (JavaBeans)	c
8	1.2.5	Characteristics of XML	b
9	2.3.1	Addressing mode (indirect addressing)	c
10	2.3.1	What is classified as internal interrupt	b
11	2.3.2	Number of bits for memory ECC	c
12	2.3.2	Memory access time of main memory	b
13	2.4.2	Description of reliability of a computer system	c
14	2.4.1	Condition for fall balck of virtualized machine	d
15	2.4.2	Graph for CPU utilization and average response time	a
16	2.5.1	Page fault	b
17	2.5.1	Explanation of spooling	d
18	2.5.1	Page to be replaced by LRU	d
19	2.5.1	Job management by 3 printers	a
20	2.5.5	Integrated development environment of open source (Eclipse)	a
21	2.6.1	Characteristics of DRAM in comparison with SRAM	b
22	2.6.1	Logical expression equivalent to a circuit	c
23	2.6.1	Push-button switch with a mechanical contact (Chattering)	b
24	3.07.1	Path info of a web page in a website (breadcrumbs)	**a**
25	3.08.1	Explanation of morphing	d
26	3.09.2	Problem that can't be avoided only by naming convention	c

27	3.09.1	Data models and tables	d
28	3.09.3	Delete Column	b
29	3.09.3	SELECT condition	d
30	3.09.4	Description about DB lock compatibility	c
31	3.10.2	Transmission operation of node in CSMA/CD LAN	b
32	3.10.2	Description about interconnection device between LANs	c
33	3.10.3	Specification to attach images to e-mail	b
34	3.10.3	Network layer protocols (POP3 and IMAP)	a
35	3.10.1	Number of bits of IPv6 address	c
36	3.11.1	Hybrid encryption (SSL)	c
37	3.11.1	Password attack	b
38	3.11.1	Security threat (Trojan horse)	c
39	3.11.1	Appropriate usage and porpose of digital signature	a
40	3.11.1	Abuse case of key logger	b
41	3.11.1	Biometric authentication using behavioral characteristics	b
42	3.11.4	Effective method to detect web contents falsification	b
43	3.11.4	What a digital certificate in a smartphone can be confirmed	c
44	3.11.3	Method to find security vulnerabilities (Penetration test)	a
45	3.11.4	What can be detected by hash value comparison	d
46	4.12.03	UML (Deployment diagram)	c
47	4.12.05	Test Driven Development	c
48	4.12.05	Boundary value analysis	a
49	4.12.10	Adaptive maintenance	a
50	4.13.1	SDLC (Six phases)	b
51	5.14.01	Project definition	c
52	5.14.06	Critical path	c
53	5.14.07	Project Management (EVM)	d
54	5.14.10	Project Procurement Management	d
55	6.15.2	What user confirm with priority in operational test	d

56	6.15.2	Internal control of business processes for input data	c
57	6.15.4	Structure and its characteristic of local service desk	b
58	6.16.1	Check point of system audit for source code confidentiality	a
59	6.16.1	Description about implementation organization of system audit	b
60	6.16.1	Check point for system audit of accuracy of processing	c
61	7.17.2	Purpose of BPM	b
62	7.17.2	Expected effect of business process improvement by using a work flow system	b
63	7.17.2	Business process improvement by using sales support system (Calculation of time)	c
64	7.17.1	Explanation of SOA	a
65	7.17.1	Explanation of application architecture in EA	c
66	8.19.3	Classification of investment and KPI	b
67	8.19.1	SWOT Analysis [FEA814STH01]	c
68	8.19.1	Kotler's competitive strategies (Market nitcher)	d
69	8.19.4	Explanation of knowledge management	c
70	8.21.3	Characteristic of IC tags	b
71	8.20.1	Determination of an IT investment case that has the greatest effect by ROI	a
72	8.21.3	Case of utilizing social media in business	b
73	8.21.4	Explanation of tethering	b
74	9.22.1	Role of CIO	d
75	9.22.1	CSR for environments	a
76	9.22.1	Work hours, securing emplyment, and creation of	c
77	9.22.2	Explanation of ABC analysis	b
78	9.22.2	Processing order of 3 products using 2 machines	b
79	9.22.2	Finding useful information or relationship from huge amount of data (data mining)	c
80	9.23.2	Personal data based on OECD guidelines	a