

# Question Booklet and Answer Key

For Recruitment Test

Held on 17.01.2015

Post: Manager (I.T.)

(English Version)

1. ਸੁੱਧ ਸ਼ਬਦ-ਜੋੜ ਚੁਣੋ:  
(A) ਦੁੱਦ (B) ਦੁੱਧ (C) ਦੁੱਧ (D) ਦੁਧ
2. ਕਿਹੜਾ ਸ਼ਬਦ 'ਸਬਰ' ਦਾ ਸਮਾਨਾਰਥੀ ਨਹੀਂ ਹੈ:  
(A) ਸੰਤੋਖ (B) ਰੱਜ (C) ਸੰਤੁਸ਼ਟੀ (D) ਭੁੱਖ
3. ਕਿਹੜਾ ਸ਼ਬਦ 'ਕੰਡਾ' ਸ਼ਬਦ ਦੇ ਬਹੁ-ਅਰਥਕ ਵਜੋਂ ਨਹੀਂ ਵਰਤਿਆ ਜਾ ਸਕਦਾ ਹੈ:  
(A) ਤੱਕੜ (B) ਸੂਲ (C) ਹੱਡੀ (D) ਕੰਢਾ
4. ਨਾਂਵ ਸ਼ਬਦ ਚੁਣੋ:  
(A) ਤੇਜ (B) ਕੁਰਸੀ (C) ਹੱਸਣਾ (D) ਉਚ
5. ਪੜਨਾਂਵ ਦੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ:  
(A) ਛੇ (B) ਪੰਜ (C) ਚਾਰ (D) ਅੱਠ
6. 'ਅਕ' ਪਿਛੇਤਰ ਕਿਸ ਸ਼ਬਦ ਵਿੱਚ ਨਹੀਂ ਹੈ:  
(A) ਪਾਲਕ (B) ਤੈਰਾਕ (C) ਪਾਠਕ (D) ਕਾਰਕ
7. ਪਰਿਮਾਣ ਵਾਚਕ ਵਿਸ਼ੇਸ਼ਣ ਚੁਣੋ:  
(A) ਪੰਜ ਮੀਟਰ (B) ਤੁਹਾਡਾ ਘਰ (C) ਇਹ (D) ਕਾਲਾ ਗੋਰਾ
8. ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਨੂੰ ਲਿਖਣ ਲਈ ਕਿਹੜੀ ਲਿੱਪੀ ਦੀ ਵਰਤੋਂ ਹੁੰਦੀ ਹੈ:  
(A) ਦੇਵਨਾਗਰੀ (B) ਰੋਮਨ (C) ਫਾਰਸੀ (D) ਗੁਰਮੁਖੀ
9. 'ਫੜਾਂ ਮਾਰਨੀਆਂ' ਦਾ ਅਰਥ ਹੈ:  
(A) ਕਹਾਣੀਆਂ ਸੁਣਾਉਣੀਆਂ (B) ਗੱਪਾਂ ਮਾਰਨੀਆਂ (C) ਚੁਗਲੀ ਕਰਨੀ (D) ਪ੍ਰਸੰਸਾ ਕਰਨੀ
10. 'ਉਠ ਤੋਂ ਛਾਨਣੀ ਲਾਹਿਆਂ.....' ਅਖਾਣ ਪੂਰਾ ਕਰੋ:  
(A) ਭਾਰ ਹੌਲਾ ਨਹੀਂ ਹੁੰਦਾ (B) ਉਠ ਬੈਠ ਜਾਂਦਾ ਹੈ  
(C) ਉਠ ਤੁਰ ਨਹੀਂ ਸਕਦਾ (D) ਉਠ ਦਾ ਭਾਰ ਘੱਟ ਜਾਂਦਾ ਹੈ

**Directions (Q.11-13) : Mark the correct synonym of the given word:**

11. Cantankerous:  
A) irascible B) affable C) kind D) callous
12. Ecumenical:  
A) denominational B) universal C) miserable D) loud
13. Diaphanous  
A) cruel B) lazy C) delicate D) thick

**Directions (Q.14-16): Mark the correct preposition to be filled in the gaps:**

14. Sita could easily see \_\_\_\_\_ Ramu's designs  
A) at B) of C) from D) through
15. Sachin was always intent \_\_\_\_\_ scoring runs.  
A) on B) of C) from D) by
16. It is difficult to arrive \_\_\_\_\_ any decision.  
A) on B) at C) with D) by

**Directions (Q. 17-20): Mark the correct antonym of the given word:**

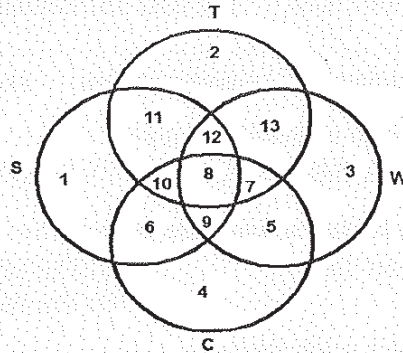
17. Droopy  
A) dangling B) loose C) upright D) flaccid
18. Frowsy  
A) ostantation B) ornament C) gilding D) tidy

19. Hedonistic  
A) ascetic                      B) sybaritic                      C) partial                      D) partisan
20. Inure  
A) harden                      B) sensitize                      C) succeed                      D) dehumanize
21. Who, of the following, is the youngest awardee of the Nobel Prize so far:-  
A) Malala Yousafzai    B) Kailash Satyarthi    C) B.Shaw    D) Ernest Hemingway
22. The first-ever Indian American to be confirmed as the next US Ambassador to India is :  
A) Devyani Khobragade                      B) Richard Rahul Verma  
C) Ravi Varma                      D) Richard Subramaniam
23. The recently concluded World Cup (Cricket) for the Blind was held in:  
A) England                      B) West Indies                      C) South Africa                      D) Australia
24. Having lost 220 Indian languages in the past 50 years, the Government of India has decided to:  
A) involve Gram Panchayats for preservation of languages.  
B) involve the World Bank for funds for preservation of languages.  
C) involve the Asian Development Bank and UNICEF for preservation of languages.  
D) preserve 520 highly vulnerable languages it has identified and take up 70 in the first phase of the project.
25. The Summit meeting between Prime Minister Narendra Modi and Vladimir Putin, the Russian President, held in December 2014, put accent on:  
A) Nuclear energy and hydrocarbons    B) Agriculture and insurance sectors  
C) Space-research and communications    D) Poverty alleviation programs and literacy
26. India's surface to air missile is :  
A) Agni                      B) Trishul                      C) Nag                      D) Prithvi
27. Identify the wrong pair associated with Indian Cinema:  
A) First full length Tamil feature film – Keechak Vadham  
B) First Indian film to use the technique of playback singing – Dhoop  
C) First Indian film to be nominated for an Oscar Award – Mughal-e-Azam  
D) First Indian cinemascope film – Kagaz Ke Phool
28. In which article of Indian constitution the procedure for adoption of Official Language or Languages of state is given ?  
A) Article 343                      B) Article 344                      C) Article 346                      D) Article 345
29. According to Article 25 of the Constitution, Right to Freedom of Religion is not subjected to:  
A) Humanitarianism    B) Public order                      C) Morality                      D) Health
30. Which of the following railway track-route connecting two stations has been accorded the status of heritage railway line by UNESCO ?  
A) Allahabad and Varanasi                      B) Siliguri and Darjeeling  
C) Mumbai and Thane                      D) Amritsar and Ludhiana

31. Bandipur National Park is primarily known:  
A) as an Elephant Reserve B) as a One Horn Rhinoceros Reserve  
C) as a Tiger Reserve D) as a Biosphere and Crocodile Reserve
32. Who is the author of the famous book – “The Rise and Growth of Economic Nationalism in India” --  
A) R.C. Dutt B) Amartya Sen C) Gurcharan Das D) Bipan Chandra
33. Who was the first Chief Minister of Jharkhand state?  
A) Babulal Marandi B) Shibu Soren C) Arjun Munda D) Madhu Koda
34. The revenue estimates of the Budget in India are prepared by:  
A) The Central Board of Direct Taxes B) The Ministry of Finance  
C) The Cabinet Secretariat D) The Planning Commission
35. World Consumer Rights Day is celebrated on :  
A) April 18 B) December 17 C) March 15 D) September 14
36. Complete the series:  
F – U 6 – 9 1 – T 7 – 20 – 4 D 23  
A) 11, G, 16, K, U B) 13, H, 15, L, M C) 17, J, 19, R, S D) 21, R, 18, G, W
37. Select the pair of words from the four alternatives that has the same relationship as the given pair has  
Given pair – **Loyalty:Disloyalty**  
A) Accord:Consent B) Diligence:Laziness C) Code:Encode D) Pain:Jealousy
38. Find out the different one:  
i) O E 3 ii) X D 6 iii) J B 5 iv) V K 2 v) P H 3  
A) v) B) iv) C) iii) D) i)
39. In a certain code VISHWANATHAN is written as NAAWTHHSNANIV. How is KARUNAKARANA written in that code  
A) AKNUARRANKAK B) KAAANRAURNAAK  
C) NKKRANKRAUKA D) RURNKAAUNAKR
40. Deepak said to Nitin, “That boy playing football is the younger of two brothers of the daughter of my father's wife”. How is the boy playing football related to Deepak?  
A) son B) cousin C) brother D) nephew
41. i) A, B, C, D, E and F are 6 students ii) B and C are shorter than F but heavier than A  
iii) D is heavier than B and taller than C iv) E is shorter than D but taller than F  
v) F is heavier than D vi) A is shorter than E but taller than F  
which of the following groups of students is shorter than A?  
A) B, C only B) D, B, C only C) F, B, C only D) E, B, C only
42. A man walks 1 km. towards east then turns to south and walks 5 km., again he turns to east and walks 2 km., after this he turns to north and walks 9 km. How far is he, now from the starting point?  
A) 3 km. B) 4 km. C) 5 km. D) 7 km.



43. In the Fig. Circle 'S' stands for households having a scooter. Circle 'T' stands for households having a TV set. Circle 'W' stands for households having washing machine and circle 'C' stands for households having a car  
**Households having neither scooter nor car are represented by:**



- A) union of region 2, 13 and 3    B) region 2    C) region 3    D) none of these
44. Select the combination of numbers so that the letters so arranged accordingly will form a meaningful word  
 J    C    O    P    T    E    R  
 1    2    3    4    5    6    7
- A) 1,3,4,5,6,7,2    B) 2,6,4,5,1,3,7    C) 4,7,3,1,6,2,5    D) 7,6,4,5,1,3,2
45. In the following arrangement, if each alphabet has a value zero, each symbol has a value equivalent to the square of the numeral that immediately precedes the symbol or the value 1 if it is not immediately preceded by any numeral, what will be the sum of the values of the first 10 elements of the series starting from left hand?  
 2 \* 8 5 6 B 9 \$ Q 3 E 1 7 R D 4 + (13) U @ K (18) A (14) P
- A) 46    B) 79    C) 107    D) 118
46. The digits of the following five numbers are written in reverse order and five new numbers are obtained  
 513    726    492    865    149
- Which of following numbers retains the same position from the top when arranged in descending order even after the positions of the digits are reversed ?  
 A) 149    B) 726    C) 513    D) 865
47. Which two months among the following will have the same calendar in a year?  
 A) June-October    B) April- November    C) April-July    D) October-December
48. If 'O' denotes '+', 'M' denotes '-', 'A' denotes 'X', 'Q' denotes '=', 'X' denotes '≠', 'Y' denotes '>' and 'Z' denotes '<', which of the following expression is correct  
 A) 32X8Q2A3Q1A2    B) 14X2A4A2M2Q1    C) 2YIAIQI01A1    D) 16Y8A301A2M2
49. Replace the question mark (?) with one out of the given alternatives

31	17	58	87
68	19	61	56
91	22	70	50
10	142	11	?

- A) 3    B) 6    C) 7    D) 9

50.  $\frac{0.943 \times 0.943 - 0.943 \times 0.057 + 0.057 \times 0.057}{0.943 \times 0.943 \times 0.943 + 0.057 \times 0.057 \times 0.057} = ?$
- A) 0.32                      B) 0.886                      C) 1.1286                      D) 1
51. In a class, if one student weighing 50 kg. is added then average weight of the class increases by 1 kg. If one more student weighing 50 kg is added, then the average weight of the class increases by 1.5 kg. over the original average. What is the original average weight of the class?
- A) 2 kg.                      B) 4 kg.                      C) 46 kg.                      D) 47 kg.
52. 15 years hence, a man will be just 4 times as old as he was 15 years ago. His present age is
- A) 25 years                      B) 20 years                      C) 15 years                      D) 10 years
53. A dairy man buys milk at Rs. 6.40 per litre. He adds water and sells the mixture at Rs. 8 per litre, thereby making a profit of 37.5%. The proportion of water to milk received by the consumer is
- A) 1:8                      B) 1:10                      C) 1:12                      D) 1:15
54. In a rectangular plot of length 20 m and width 14 m, a pit 6 m long 3 m wide and 2.5 m deep is dug in a corner and the earth taken out is spread uniformly over the remaining area of plot. The level of plot will be raised by
- A) 17.18 cm                      B) 15.16 cm                      C) 18.19 cm                      D) 16.17 cm
55. The present worth of Rs. 1690 due two years hence at 4% per annum is
- A) Rs.1505                      B) Rs.1547                      C) Rs.1562.50                      D) Rs.1580
56. The phases in the software development process are listed below in arbitrary order:
- (a) Design                      (b) Test                      (c) Code  
(d) Requirements Analysis                      (e) Maintenance                      (f) Deployment
- The correct ordering is
- A) a, b, c, d, e, f                      B) d, a, c, b, f, e                      C) b, c, f, a, d, e                      D) d, a, c, b, e, f
57. In the context of software engineering, which of the following is FALSE?
- A) A good modularization has low cohesion and high coupling.  
B) Using an agile development methodology makes it easy to react to requirement changes late in the project.  
C) Beta testing involves a large number of end-users.  
D) Requirements need to be elicited from all relevant stakeholder groups, not only from end-users.
58. What activity was added in the spiral model that was not present in the waterfall model of software development?
- A) System Analysis                      B) System Design                      C) Risk Analysis                      D) Testing
59. Modularity and concept of abstraction enables the software engineer to:
- A) Re-use the software components                      B) Increase Interdependencies among the modules  
C) Increase highest possible coupling                      D) Lower the cohesion

60. An iterative process through which requirements are translated into blue print for developing the software is:  
 A) Requirements analysis                      B) Software design  
 C) Software coding                              D) Software requirement specification
61. \_\_\_\_\_ is a popular method for estimating and measuring the size of the software.  
 A) Process metrics analysis   B) Risk analysis   C) Functional point analysis   D) Case tool

62. Consider the following set of relations in which the primary keys are underlined:  
 Student(snum: integer, sname: string, age: integer)  
 Class(name: string, meets\_at: string, room: string, fid: integer)  
 Enrolled(snum: integer, cname: string)  
 Faculty(fid: integer, fname: string, deptid: integer)

Consider also the following SQL query:

```

SELECT      DISTINCT S.sname FROM Student S
WHERE      S.snum IN (SELECT      E.snum
                      FROM        Enrolled E
                      GROUP       BY E.snum
                      HAVING COUNT(*) >= (SELECT COUNT(*)
                                           FROM Enrolled E2
                                           GROUP BY E2.snum))

```

The above SQL query:

- A) Returns the names of all students who are not enrolled in any class.  
 B) Returns the names of all students who are enrolled in the maximum number of classes than any student is enrolled in.  
 C) Returns the names of all students who are enrolled in only one class.  
 D) Returns the names of all students who are enrolled in the minimum number of classes than any student is enrolled in.
63. The UNION operation ( $\cup$ ) between two relations R1 and R2 is a new relation that includes  
 A) all the tuples of R1  
 B) all the tuples of R2  
 C) all the tuples of R1 and R2 which do not have common columns  
 D) all the tuples of R1 and R2 which have common columns
64. Choose the most appropriate statement with respect to data independence in DBMS.  
 A) Data independence means data is defined separately and not included in programs  
 B) Hierarchical and network DBMS's do not support any kind of data independence as no arbitrary changes in the structure are supported.  
 C) Data independence means that the application programs are resilient to changes in data - its structure and storage organization.  
 D) In RDBMS, both physical and logical data independence is guaranteed.

65. In RDBMS, Normalization is:
- A) the process of creating small stable data structures from complex groups of data when designing a relational database
  - B) a methodology for documenting database illustrating the relationship between various entities in the database
  - C) an approach to data management that stores both data and the procedures acting on the data as object that can be automatically retrieved and shared
  - D) a representation of data as they would appear to an application programmer or user
66. A relation  $R = \{A, B, C, D, E\}$  is given with following set of functional dependencies:  
 $F = \{A \rightarrow B, AD \rightarrow C, B \rightarrow F, A \rightarrow E\}$
- Which of the following is a candidate key?
- A) A
  - B) AC
  - C) AD
  - D) None of the above
67. Consider the following database table:
- ```

create table test (
  one integer,
  two integer,
  primary key (one),
  unique (two),
  check (one >= 1 and <=10),
  check (two >=1 and <=5)
);

```
- How many data records/ tuples at most can this table contain?
- A) 5
  - B) 10
  - C) 15
  - D) 50
68. Consider a database table T with attributes X and Y. Which of the following SQL queries is illegal?
- A) select X from T;
  - B) select X, count(\*) from T;
  - C) select X, count(\*) from T group by X;
  - D) select X, Y, count(\*) from T group by X, Y;
69. In databases, the purpose of two-phase locking within transactions is:
- A) To make the results of all transactions correspond to a serial execution of all the transactions
  - B) To ensure that, after a crash, each transaction has either happened in its entirety or not at all
  - C) To allow a group of machines to all agree to perform, or not perform, their respective pieces of distributed transaction
  - D) To avoid deadlocks
70. A Data Warehouse is always \_\_\_\_ (P) \_\_\_\_ and Data Mining can be used as \_\_\_\_ (Q) \_\_\_\_ Tool, where (P) and (Q) are:
- A) Object oriented and Software, respectively
  - B) Subject oriented and Research, respectively
  - C) Compiler oriented and Hardware, respectively
  - D) Network oriented and Process, respectively



71. Which of the following best describes *method overloading* and *method overriding* in an object oriented programming?
- A) In overloading, methods must have the same signature. In overriding, methods must have different signatures.
  - B) In overloading, methods must have different signatures. In overriding, methods must have the same signature.
  - C) In overloading and overriding, methods must have different signatures.
  - D) In overloading and overriding, methods must have the same signature.
72. Which of the following statements about recursion are true?
- I. Any recursive function can be implemented using iteration (without recursion).
  - II. Any iterative function can be implemented using recursion (without iteration).
  - III. Recursion is always more efficient and easier to implement than iteration, so you should use it in preference to iteration
- A) I only
  - B) II only
  - C) I and II only
  - D) All of I, II, and III
73. What is the normal order of activities in which traditional software testing is organized?
- I. integration testing
  - II. system testing
  - III. unit testing
  - IV. validation testing
- A) III, I, IV, II
  - B) I, II, IV, III
  - C) IV, II, III, I
  - D) III, II, IV, I
74. Which of following string is NOT in the language described by the regular expression  $(a*b)^*c$ ?
- A) aaaaac
  - B) aababc
  - C) abc
  - D) bbbbbc
75. The *ping of death* is
- A) An ICMP echo request flood that disables a host.
  - B) An ICMP echo reply flood that disables a host.
  - C) An extremely large ICMP echo request message that disables a host.
  - D) A probing of a network using ping that finds a critical weakness in the security of the network.
76. What is the role of domain name server (DNS) in the Internet?
- A) Translate between LAN and WAN protocols
  - B) Translate between domain name and IP address
  - C) Supply domain name against user queries
  - D) Translate between HTML pages and domain names
77. What is a correct definition of Cloud computing?
- A) a large pool of usable and accessible virtualized resources
  - B) a network of globally interconnected client computers
  - C) a service architecture based on thin clients
  - D) a service offered by a Service provider, not limited by a Service level agreement (SLA)
78. What is a benefit of Cloud computing for IT staff?
- A) higher payment of IT staff involved in Cloud computing
  - B) less interruption of work caused by users asking for support
  - C) less knowledge needed: Cloud computing does not require special computing skills
  - D) lower stress levels: less worry about normal daily activities like making back-ups
79. Delivery and storage of email messages to a server is achieved using \_\_\_\_\_.
- A) Post Office Protocol (POP)
  - B) Internet Mail Access Protocol (IMAP)
  - C) Simple Mail Transfer Protocol (SMTP)
  - D) Hypertext Transfer Protocol (HTTP)

80. In computer networking, a firewall is
- An established network performance reference point.
  - Software/hardware used to isolate a private network from a public network.
  - A virus that infects macros.
  - A predefined encryption key used to encrypt and decrypt data transmissions.
81. The first instruction of bootstrap loader program of an operating system is stored in:
- RAM
  - Hard Disk
  - Cache Memory
  - BIOS
82. The operation of defragmenting a hard disk:
- uses compaction to combat internal fragmentation
  - uses compaction to combat external fragmentation
  - uses compression to combat internal fragmentation
  - uses compression to combat external fragmentation
83. Which tool below combines (static) library routines and incomplete object codes into an executable machine language program?
- Assembler
  - Compiler
  - Interpreter
  - Linker
84. Which of the following is not a scripting language?
- HTML
  - XML
  - Postscript
  - JavaScript
85. Read the following descriptions about X, Y and Z:
- X: It does something harmful to the computer system, but is disguised as something useful. Usually it does not make copies of them.
- Y: It is a computer program that propagates itself across computers, creating copies of itself in each computer and infecting the entire network.
- Z: It is a computer program designed to replicate itself by infecting other files or system areas which need a host program to spread to another computer.
- Identify X, Y, Z.
- X: Virus, Y: Worm, Z: Trojan horse.
  - X: Trojan horse, Y: Virus, Z: Worm.
  - X: Worm, Y: Trojan horse, Z: Virus.
  - X: Trojan horse, Y: Worm, Z: Virus.
86. *Amazon.com* comes under the following model:
- B2B
  - B2C
  - C2C
  - C2B
87. The core of a(n) \_\_\_\_\_ consists of dozens or hundreds of thin strands of glass or plastic that use light to transmit signals.
- twisted-pair cable
  - infrared cable
  - fiber-optic cable
  - coaxial cable or coax
88. An unsolicited e-mail message sent to many recipients at once is a \_\_\_\_\_.
- Worm
  - Trojan horse
  - spyware
  - spam
89. A biometric device \_\_\_\_\_.
- allows users to connect to a computer only after the computer calls back at a previously established telephone number
  - authenticates a person's identity by verifying personal characteristics
  - is a unique combination of characters, such as letters of the alphabet or numbers, that identifies one specific user
  - is any item that must be carried to gain access to a computer or computer facility

90. \_\_\_\_\_ is the process of converting readable data into unreadable characters to prevent unauthorized access.  
 A) Firewall                      B) Blackout                      C) Encryption                      D) Brownout
91. Which input method does mainly banks use for processing cheques?  
 A) OMR                      B) MICR                      C) Bar code reader                      D) Light Pen
92. What is the technological advancement that made it possible for computers to become as small as they are today?  
 A) Repeater                      B) Vacuum tube                      C) Transistor                      D) Silicon chip
93. The term, \_\_\_\_\_, refers to the amount of information transmitted through a communication medium in a given amount of time.  
 A) dots per inch                      B) bit depth                      C) bandwidth                      D) broadband
94. Programs such as Internet Explorer that serve as navigable windows into the Web are called:  
 A) Hypertext Protocol                      B) Networks                      C) Internet                      D) Web browsers
95. A software is termed an *open source* software if  
 A) the developer company is open 24 hours  
 B) its source code is available to share, study and modify  
 C) it can be downloaded from the Internet by paying very small amount  
 D) it is available free of cost
96. What is a specialized software program that allows input and output devices to communicate with the rest of the computer system?  
 A) Utility driver                      B) Utility program                      C) Device driver                      D) Data compression utility
97. Using the HDD as an extension of RAM is a feature of  
 A) Virtual memory                      B) Cache  
 C) Direct Memory Access (DMA)                      D) Virtual Reality
98. Consider the following lists:
- |                           |                             |
|---------------------------|-----------------------------|
| List I                    | List II                     |
| 1. <i>Linux</i>           | P. <i>Text File Editor</i>  |
| 2. <i>Mozilla Firefox</i> | Q. <i>Image File Format</i> |
| 3. <i>Notepad</i>         | R. <i>Operating System</i>  |
| 4. <i>JPEG</i>            | S. <i>Web Browser</i>       |
- The correct match is  
 A) 1 → R, 2 → S, 3 → P, 4 → Q                      B) 1 → S, 2 → R, 3 → Q, 4 → P  
 C) 1 → R, 2 → P, 3 → S, 4 → Q                      D) 1 → Q, 2 → S, 3 → P, 4 → R
99. The size of a computer monitor is measured \_\_\_\_\_.  
 A) vertically, from top to bottom                      B) horizontally, from side to side  
 C) diagonally, from corner to corner                      D) regionally, multiplying length by width
100. Clock speed, the speed at which a computer processor executes instructions, is measured in \_\_\_\_\_, which equates to one million ticks of the system clock.  
 A) kilobytes                      B) milliseconds                      C) gigahertz                      D) nanoseconds

**Answer Key 17.01.2015 (E) Manager IT**

| Q. | Ans | Q. | Ans. | Q. | Ans | Q.  | Ans. |
|----|-----|----|------|----|-----|-----|------|
| 1  | B   | 26 | B    | 51 | D   | 76  | B    |
| 2  | D   | 27 | C    | 52 | A   | 77  | A    |
| 3  | D   | 28 | D    | 53 | B   | 78  | D    |
| 4  | B   | 29 | A    | 54 | A   | 79  | C    |
| 5  | A   | 30 | B    | 55 | C   | 80  | B    |
| 6  | B   | 31 | C    | 56 | B   | 81  | D    |
| 7  | A   | 32 | D    | 57 | A   | 82  | B    |
| 8  | D   | 33 | A    | 58 | C   | 83  | D    |
| 9  | B   | 34 | B    | 59 | A   | 84  | C    |
| 10 | A   | 35 | C    | 60 | B   | 85  | D    |
| 11 | A   | 36 | D    | 61 | C   | 86  | B    |
| 12 | B   | 37 | B    | 62 | B   | 87  | C    |
| 13 | C   | 38 | A    | 63 | D   | 88  | D    |
| 14 | D   | 39 | B    | 64 | C   | 89  | B    |
| 15 | A   | 40 | C    | 65 | A   | 90  | C    |
| 16 | B   | 41 | C    | 66 | C   | 91  | B    |
| 17 | C   | 42 | C    | 67 | A   | 92  | D    |
| 18 | D   | 43 | A    | 68 | B   | 93  | C    |
| 19 | A   | 44 | C    | 69 | A   | 94  | D    |
| 20 | B   | 45 | D    | 70 | B   | 95  | B    |
| 21 | A   | 46 | B    | 71 | B   | 96  | C    |
| 22 | B   | 47 | C    | 72 | C   | 97  | A    |
| 23 | C   | 48 | B    | 73 | A   | 98  | A    |
| 24 | D   | 49 | D    | 74 | A   | 99  | C    |
| 25 | A   | 50 | D    | 75 | C   | 100 | C    |