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ROLL NUMBER

WRITTEN TEST FOR THE POST OF TECHNICAL ASSISTANT
(COMPUTER PROGRAMMER) – A

DATE : 01/03/2017

TIME : 09.30 AM

DURATION : 60 MINUTES

TOTAL MARKS : 60

INSTRUCTIONS TO THE CANDIDATE

1. Write your Roll Number on the top of the Question Booklet and in the OMR sheet.
2. Each question carries 1 mark.
3. There will not be any Negative Marking.
4. Darken only the bubble corresponding to the most appropriate answer.
5. Marking more than one answer will invalidate the answer.
6. Candidate should sign in the question paper and OMR sheet.
7. Candidate should hand over the question paper and OMR sheet to the invigilator before leaving the examination hall.

Signature of the Candidate

WRITTEN TEST FOR THE POST OF TECH. ASST. (COMPUTER PROGRAMMER) – A

1. Which among the following is not a storage class in C?
A. auto B. extern C. global D. register
2. Select the **odd** one from the list.
A. Alcatel B. Comodo C. GeoTrust D. QuoVadis
3. ___ is a Kerala-based IT solution provider for travel, transportation, and logistics industry.
A. IBS Software B. Flytxt C. SunTec D. UST Global
4. In software packaging, a ___ file lists the files which are included in the distribution.
A. configuration B. documentation C. manifest D. Read-me
5. _____ refers to the practice of running more than one web site on a single Apache server.
A. ARP proxy B. DNS spoofing C. Multi-homing D. Virtual host
6. ___ is distribution pre-installed with penetration testing programs, and used in digital forensics.
A. Fedora B. Kali Linux C. PrivatOS D. Xanadu
7. _____ was founded in 2003 by Rich Miner and Andrew Rubin.
A. Acer B. Alexa C. Amazon D. Android
8. _____ is a low-power wireless sensor.
A. Arduino B. Raspberry Pi C. Snapdragon D. Tmote Sky
9. A minimum of ___ keys are required for secure one-to-one communication between 10 nodes.
A. 20 B. 45 C. 81 D. 100
10. _____ is credited as the inventor of computer mouse.
A. Douglas Engelbart B. Michael Dell C. Steve Wosniak D. Tim Berners-Lee
11. In a Red-Black tree, the deletion operation along with the tree rearrangement and recoloring, takes ___ time.
A. $O(\log n)$ B. $O(\log n)^2$ C. $O(\log \log n)$ D. $O(n \log n)$
12. $n! - (n-1)! =$ ___
A. n B. $(n-1)!$ C. $(n-1)(n-1)!$ D. $(n!) / 2$
13. Nougat is a recent version of ___
A. Android B. Debian C. iOS D. Ubuntu
14. Lempel-Ziv algorithm is used in ___
A. Data compression B. Digital watermarking C. Graph colouring D. Polygon clipping
15. Dvorak is a type of ____
A. Encryption algorithm B. Keyboard layout
C. Testing plan D. Web server
16. ___ is a network worm which originally targeted gmail, skype, facebook etc.
A. Annelid B. Heartbleed C. Koobface D. Trojan
17. SMF is a term associated with ____
A. Battery B. Memory chip C. Monitor D. USB stick
18. TFT stands for ____
A. Thin Film Transistor B. Thin Flat Transistor
C. Thin Flat Tube D. Tinted Flat Tube

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19. Port 389 is used by ___
A. BGP B. DHCP C. IPSec D. LDAP
20. The ___ Router is a project for creating an anonymous communication network.
A. Apple B. Beef C. Cannabis D. Onion
21. Internet.org has been renamed as ___
A. Freebasics B. GoogleFreeZone C. Libre D. OpenAccess
22. Find the **odd** one from the list.
A. Alexa B. Cortana C. Jeeves D. Siri
23. ___ is known as the Ramanujan number.
A. 13 B. 1024 C. 1729 D. 1921
24. Einstein 2 is _____
A. Einstein's grandson B. General theory of relativity
C. Intrusion detection system D. Massively parallel supercomputer
25. ___ is referred to as "Internet's Own Boy".
A. Aaron Swartz B. Ankit Fadia C. Julian Assange D. Kevin Mitnick
26. ___ refers to the fact that computers will process even unintended data and give some output.
A. FIFO B. GIGO C. SRTF D. WYSIWYG
27. Find X and Y in the sequence, 13, X, 34, Y, 89, 144,.....
A. 17, 44 B. 21, 55 C. 28, 61 D. 29, 62
28. ___ is a dynamically typed programming language.
A. C # B. Java C. PEARL D. Python
29. Section ___ of the IT Act was declared unconstitutional by the Supreme Court.
A. 13B B. 54 C. 66A D. 92D
30. Crimping tools are used in ___
A. Disk defragmentation B. Intrusion detection
C. LAN cabling D. Software testing
31. Screen resolution of 1920 x 1080 involves ___ megapixels.
A. 2 B. 3 C. 5 D. 10
32. Satoshi Nakamoto is associated with ___
A. Bitcoin B. Blu-ray C. Kerberos D. USB
33. Bridges of Konigsberg is a problem in _____
A. Civil engineering B. Graph theory C. Online gaming D. Software testing
34. Select the **odd** one from the list.
A. Bitcoin B. Digital Note C. Ethereum D. Renminbi
35. Carpal Tunnel Syndrome primarily affects a person's ___
A. Ears B. Eyes C. Fingers D. Neck
36. In C#, parameter passing is done by _____
A. name B. reference C. value and name D. value and reference

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53. DNS record type __ is used in creating alias for an existing DNS entry.
A. A B. AAAA C. CNAME D. DNSKEY
54. An Ethernet address of the form 01-00-5E-xx-xx-xx is used for ____
A. ARP request B. Loopback C. Multicast D. RARP request
55. Which operator has the highest precedence in C++?
A. array subscript B. type cast C. scope resolution D. unary +/-
56. 1 mAh = ____ coulombs
A. 2.5 B. 3.6 C. 6.4 D. 7.5
57. Multiple inheritance can be simulated in Java using ____
A. Friend functions B. Interfaces C. Packages D. Servlets
58. ____ is a link analysis algorithm used in Google search engine.
A. Hotbot B. Inktomi C. TrustRank D. PageRank
59. After ____ join operation, the resulting table contains only one column for each pair of columns with same name.
A. Cross B. Inner C. Outer D. Natural
60. What is the range of numbers represented using 8-bit 2's complement notation?
A. -127 to +127 B. -127 to +128 C. -128 to +128 D. -128 to +127

TECHNICAL ASSISTANT (COMPUTER PROGRAMMER)- A
ANSWER KEY (01/03/2017)

1	C	21	A	41	C
2	A	22	C	42	B
3	A	23	C	43	C
4	C	24	C	44	A
5	D	25	A	45	B
6	B	26	B	46	C
7	D	27	B	47	B
8	D	28	D	48	B
9	A	29	C	49	B
10	A	30	C	50	B
11	A	31	A	51	D
12	C	32	A	52	B
13	A	33	B	53	C
14	A	34	D	54	C
15	B	35	C	55	C
16	C	36	D	56	B
17	A	37	A	57	B
18	A	38	D	58	D
19	D	39	A	59	D
20	D	40	C	60	D