Code **A**

•

NETWORK ADMINISTRATOR

100014

OMR Sr. No. _____

Booklet Sr. No.

Time : 90 Minutes

Total Questions : 100

Max. Marks : 100

Roll No. (in Figure) _____ (in Words) _____

(Signature of the Candidate)

(Signature of the Invigilator)

IMPORTANT

DO NOT OPEN THE BOOKLET UNLESS YOU ARE ASKED TO DO SO

FIRST READ FOLLOWING INSTRUCTIONS CAREFULLY.

1. The candidate will fill up required particulars including his/her roll no. and signature on the OMR sheet with ball point pen (Black/Blue) in the appropriate boxes.
2. Ten minutes before the commencement of the test, question booklet and OMR sheet will be distributed to the candidates.
3. Immediately on opening the question-booklet, the candidate should check the booklet & OMR sheet and ensure himself/herself that it contains 100 multiple choice questions (Sr. No. 1 to 100). Discrepancy, if any, should be reported by the candidate to the invigilator within 5 (five) minutes of the opening of the question booklet and should ask the invigilator for replacement.
4. **For each question, four suggested answers A, B, C, D are given. The candidate is to choose only one answer which he/she considers the correct or the best one. If candidate darkens more than one circle or cutting/overwriting/erasing (by eraser, white fluid or any other chemicals) then such answer(s) shall not be evaluated.**
5. The answers should be marked by darkening appropriate circle provided in front of the concerned serial number on the OMR Sheet only with **black/blue pen. Use of pencil is not allowed.** For instance, while answering the Question No.26 of the question booklet, the correct answer **A** or **B** or **C** or **D** at serial No. 26 of OMR sheet should only be darkened.
6. The candidate should be careful in handling the question-paper and in darkening the answers on the OMR Sheet. **The second question booklet/OMR sheet will not be supplied in case there is no discrepancy in the booklet/OMR sheet already supplied.**
7. Bringing of incriminating materials/electronic gadgets/devices including cell phone in the premises of the examination centre is strictly prohibited. Possessing of incriminating materials electronic gadgets/devices and any other aiding material in the examination room will be a serious offence and it will attract the cancellation of the candidature.
8. The candidate will not be permitted to leave the examination hall before the conclusion of the test. The candidate should make sure that question-booklet including OMR sheet is handed over to the invigilator before leaving the examination hall at the end of the test, failing which, a case of use of unfair-means/misbehavior will be registered against him/her, in addition to lodging of an FIR with the police. Further, OMR sheet of such a candidate will not be evaluated.
9. The candidate can do rough-work on the back of the title cover of question booklet. Rough-work on OMR sheet is prohibited.
10. *Mobile Phones are not at all allowed inside the Examination Hall.*
11. It is for the information that entire examination shall be recorded by video camera and impersonation shall lead to disqualification and registration of Police Case.
12. Calculator is not allowed.

M-12

DOMAIN KNOWLEDGE

1. The IETF standards documents are called :

   (A) RFC

   (B) RCF

   (C) ID

   (D) None of the mentioned

2. In the layer hierarchy as the data packet moves from the upper to the lower layers, headers are :

   (A) Added   (B) Removed

   (C) Rearranged   (D) Modified

3. The structure or format of data is called :

   (A) Syntax   (B) Semantics

   (C) Struct   (D) None of the mentioned

4. Communication between a computer and a keyboard involves _____ transmission.

   (A) Automatic   (B) Half-duplex

   (C) Full-duplex   (D) Simplex

5. The first Network :

   (A) CNNET   (B) NSFNET

   (C) ASAPNET   (D) ARPANET

6. The...............is the physical path over which a message travels.

   (A) Path   (B) Medium

   (C) Protocol   (D) Route

7. Which organization has authority over interstate and international commerce in the communications field ?

(A) ITU-T
(B) IEEE
(C) FCC
(D) ISOC

8. Which of the following is *not* a network edge device ?

(A) PC
(B) Smartphones
(C) Servers
(D) Switch

9. Which protocol does Ping use ?

(A) ICMP
(B) TCP
(C) ARP
(D) BootP

10. Three or more devices share a link in.................connection.

(A) Unipoint
(B) Multipoint
(C) Point to point
(D) None of the mentioned

11. Which layer of the hierarchical network design model is refered to as the high-speed backbone of the internetwork, where high availability and redundancy are critical ?

(A) Access layer
(B) Core layer
(C) Data-link layer
(D) Distribution layer

12. Which layer of the hierarchical design model provides a means of connecting devices to the network and controlling which devices are allowed to communicate on the network ?

(A) Application
(B) Access
(C) Distribution
(D) Network

13. Which hierarchical design model layer controls the flow of network traffic using policies and delineates broadcast domains by performing routing functions between virtual LANs (VLANs) ?

   (A) Application

   (B) Access

   (C) Distribution

   (D) Network

14. What is the likely impact of moving a conventional company architecture to a completely converged network ?

   (A) Local analog phone service can be completely outsourced to cost-effective providers.

   (B) The Ethernet VLAN structure is less complex.

   (C) A shared infrastructure is created resulting in a single network to manage.

   (D) QoS issues are greatly reduced.

15. Link aggregation should be implemented at which layer of the hierarchical network ?

   (A) Core only

   (B) Distribution and core

   (C) Access and distribution

   (D) Access, distribution and core

16. What statement best describes a modular switch ?

   (A) A slim-line chassis

   (B) Allows interconnection of switches on redundant backplane

   (C) Defined physical characteristics

   (D) Flexible characteristics

17. Which feature supports higher throughput in switched networks by combining multiple switch ports ?

   (A) Convergence

   (B) Redundant links

   (C) Link aggregation

   (D) Network diameter

M-12

3

P.T.O.

18. Configuring communication between devices on different VLANs requires the use of which layer of the OSI model ?

    (A) Layer 1
    (B) Layer 3
    (C) Layer 4
    (D) Layer 5

19. Which two characteristics are associated with enterprise level switches ?

    (A) Low port density
    (B) High forwarding rate
    (C) High latency level
    (D) Predefined number of ports

20. Which two features are supported at all three levels of the Cisco three-layer hierarchical model ?

    (A) Power over Ethernet
    (B) Load balancing across redundant trunk links
    (C) Redundant components
    (D) Quality of Service

21. A network administrator is selecting a switch that will operate at the network core. Which three features should the switch support for optimum network performance and reliability ?

    (A) 10 Gigabit Ethernet
    (B) Quality of Service (QoS)
    (C) Hot-swappable hardware
    (D) All the above

22. Which hierarchical design characteristic would be recommended at both the core and distribution layers to protect the network in the case of a route failure ?

    (A) PoE
    (B) Redundancy
    (C) Aggregation
    (D) Access lists

23. At which heirarchical layer are switches normally not required to process all ports at wire speed ?

(A) Core layer

(B) Distribution layer

(C) Access layer

(D) Entry layer

24. For organizations that are implementing a voice over IP solution, what functionality should be enabled at all three layers of the hierarchical network ?

(A) Power over Ethernet (PoE)

(B) Quality of Service (QoS)

(C) Switch port security

(D) Inter-VLAN routing

25. Refer to the exhibit CH1-1 (on flash drive). Beginning with HR servers and workstations, a network engineer is designing a new security structure for the network. Which set of policies adheres to the hierarchical network model design principles ?

(A) Implement Layer 3 switching on S1 to reduce the packet processing load on D1 and D2. Install all security processing on S1 to reduce network traffic load.

(B) Configure port security options on S1. Use Layer 3 access control features on D1 and D2 to limit access to the HR servers to just the HR subnet.

(C) Move all HR assets out of the data center and connect them to S1. Use Layer 3 security functions on S1 to deny all traffic into and out of S1.

(D) Perform all port access and Layer 3 security functions on C1.

26. A network technician is asked to examine an existing switched network. Following this examination, the technician makes recommendations for adding new switches where needed and replacing existing equipment that hampers performance. The technician is given a budget and asked to proceed. Which two pieces of information would be helpful in determining necessary port density for new switches ?

(A) Forwarding rate and Traffic Flow Analysis

(B) Traffic flow analysis and Expected future growth

(C) Expected future growth and No. of required core connections

(D) Number of required core connections and No. of hubs

27. A technician is attempting to explain Ciscostack Wise technology to a client that is setting up three stackable switches. Which explanation accurately describes Stackwise technology ?

(A) Stackwise technology allows up to eight ports to be bound together to increase available bandwidth.

(B) Stackwise technology allows the switch to deliver power to end devices by using existing Ethernet cabling.

(C) Stackwise technology allows the switch capabilities and ports to be expanded by the addition of line cards.

(D) Stackwise technology allows up to nine switches to be interconnected via the use of a fully redundant backplane.

28. Which three features are commonly supported at the distribution layer of the Cisco hierarchical network model ?

(A) Security policies   (B) Quality of Service (QoS)

(C) Layer 3 functionality   (D) All of these

29. Which layer of the OSI model does an access layer LAN switch use to make a forwarding decision ?

(A) Layer 1   (B) Layer 2

(C) Layer 3   (D) Layer 4

30. Refer to the exhibit CH1-2 (on flash drive). What characteristic of hierarchical network designs is exhibited by having SW3 connected to both SW1 and SW2 ?

(A) Scalability   (B) Security

(C) Redundancy   (D) Maintainability

31. EIRP refers to what ?

    (A) Estimated Isotropic Radiated Power

    (B) Estimated Isotropic Radio Power

    (C) Estimated Isotropic Radar Power

    (D) Estimated Isotropic Ratio Power

32. What can be done to fix a hidden node issue ?

    (A) Force RTS/CTS

    (B) Remove obstructions between clients

    (C) Reduce AP signal strength

    (D) All of the above

33. What are the different types of wireless frames that can be seen on an 802.11 network ?

    (A) Data   (B) Control

    (C) Management   (D) All of these

34. What is MFP ?

    (A) Multi-Function Printer - requires special care when adding to the wireless network

    (B) Multiple Factor Protocol - used for security in the wireless network

    (C) Mic Function Protection - used to make sure Mic's are not duplicated

    (D) Management Frame Protection - helps to detect man in the middle and deauthentication attacks

35. What ratio of antenna gain to cable loss is allowed by the FCC ?

    (A) 2 : 3   (B) 5 : 3

    (C) 1 : 1   (D) 1 : 2

M-12   7   P.T.O.

36. What version of code must a WLAN controller be running to upgrade an autonomous access point ?

   (A) Version 4.0

   (B) Version 3.1

   (C) Version 2.5

   (D) Version 2.0

37. Which of the below is a WPAN network technology capable of supporting devices within 10 feet of each other ?

   (A) Bluetooth

   (B) WiMAX

   (C) Dect6

   (D) WiMAN

38. Which wireless standard(s) use OFDM for modulation ? (Choose any/all)

   (A) 802.11n

   (B) 802.1q

   (C) 802.11a

   (D) 802.11b

39. A radio wave has a frequency of 1.55 MHz. The highest modulating frequency that can be used effectively is about :

   (A) 1.55 kHz.

   (B) 15.5 kHz.

   (C) 155 kHz.

   (D) 1.55 MHz.

40. The reflected wave :

   (A) Arrives in phase with the direct wave

   (B) Arrives out of phase with the direct wave

   (C) Arrives in a variable phase compared with the direct wave

   (D) Is always horizontally polarized

41. An advantage of FSK over on/off keying is the fact that FSK :

   (A) Offers better frequency stability

   (B) Can provide faster data rates

   (C) Reduces the number of receiving errors

   (D) Forget it! On-off keying is just as good as FSK

42. The highest layer of the ionosphere is :

   (A) The D layer

   (B) The E layer

   (C) The F layer

   (D) None of these

43. If an AM signal is modulated with audio having frequencies up to 5 kHz, then what is the complete signal bandwidth ?

   (A) 10 kHz

   (B) 20 kHz

   (C) 50 kHz

   (D) 500 kHz

44. An LSB, suppressed-carrier signal can be demodulated by :

   (A) An envelope detector

   (B) A diode

   (C) A ratio detector

   (D) A product detector

45. Which of the following modes is used to send image data over telephone lines ?

   (A) On/off keying

   (B) Fax

   (C) AM

   (D) Product detection

46. The S/N ratio is a measure of :

(A) The sensitivity of a receiver

(B) The selectivity of a receiver

(C) The dynamic range of a receiver

(D) The efficiency of a transmitter.

47. Suppose an SSB suppressed carrier is at 14.335 MHz, and audio data is contained in a band from 14.335 to 14.338 MHz. What is this mode ?

(A) DSB

(B) LSB

(C) USB

(D) AFSK

48. A receiver that responds to a desired signal, but not to another signal very close by infrequency, has good :

(A) Sensitivity

(B) Noise figure

(C) Dynamic range

(D) Selectivity

49. Which command is used to upgrade an IOS on a Cisco router ?

(A) *copy tftp run*

(B) *copy tftp flash*

(C) *copy tftp start*

(D) *copy tftp iso*

50. An FM detector with built-in limiting is :

(A) A ratio detector

(B) A discriminator

(C) An envelope detector

(D) A product detector

51. In which mode of PM does the peak power level of the pulses vary ?

(A) PAM

(B) PDM

(C) PIM

(D) PFM

52. A continuously variable signal (such as music audio) can be recovered from a signal having only a few discrete levels or states by means of :

(A) A ratio detector

(B) A D/A converter

(C) A product detector

(D) An envelope detector

53. In which mode are signals intertwined in the time domain at the transmitter, and then separated again at the receiver ?

(A) FDM

(B) AFSK

(C) PCM

(D) None of these

54. Which of the following modes can be demodulated with an envelope detector ?

(A) AM

(B) CW

(C) FSK

(D) USB

55. The bandwidth of a fax signal is kept narrow by :

(A) Sending the data at a slow rate of speed

(B) Maximizing the number of digital states

(C) Optimizing the range of colors sent

(D) Using pulse modulation

56. The dynamic range in a superhet is largely influenced by the performance of the :

(A) Local oscillator

(B) Product detector

(C) Front end

(D) Selectivity in the IF chain

57. Frequency sweeping can be used to get a transmitter to produce :

(A) Spread-spectrum signals

(B) Time division multiplexed signals

(C) Narrowband AM signals

(D) Double sideband, suppressed carrier signals

58. Fill in the blank to make the following sentence true : "The reception of...........can be improved by the use of DSP."

(A) SSB signals

(B) SSTV signals

(C) Synchronized communications signals

(D) Any of the above

59. On what Cisco proprietary technology is MPLS based ?

(A) PaGP

(B) CEF

(C) ISL

(D) ISO

60. What table is created by CEF ?

(A) Arp table

(B) FIB

(C) IP Route Table

(D) USB Table

GENERAL ENGLISH

61. Choose the one which best expresses the meaning of the given word :

    AUDACIOUS

    (A) Brilliant

    (B) Powerful

    (C) Bold

    (D) Frightening

62. Find out which part of the sentence has an error :

    Can you please (a)/ repeat back what (b)/ you have just said ?(c)/No error (d).

    (A) (a)

    (B) (b)

    (C) (c)

    (D) (d)

63. Pick the right meaning of the following idiom and phrase :

    Never-never land

    (A) An ideal pace

    (B) Dream land

    (C) A worthless place

    (D) A useless situation

64. Choose the one which is most opposite in meaning to the given word :

    Ostentatious

    (A) Nescient

    (B) Awkward

    (C) Bankrupt

    (D) Reserved

65. Fill in the blank with suitable article :

    He drives at a speed of ninety miles............hour.

    (A) an

    (B) a

    (C) the

    (D) no article

66. Fill in the blank :

When Sunil heard the news of his selection to the IIT, he felt..............

(A) effervescent

(B) enamoured

(C) elated

(D) embittered

67. **Directions :** In question given below, the first and the last sentences are numbered 1 and 6. Remaining sentences are named P, Q, R and S. These four sentences are not given in their proper order. Read the sentences and find out which of the four combinations is correct :

1 : Printing is a device for multiplying what is written by making copies of it.

P : Little metal letters called type, are arranged in such a way as to form the words that you want to print.

Q : The inked letters leave their marks upon the paper and these marks are the printed words.

R : The letters are then inked over and sheets of paper are pressed down tight upon them.

S : As many copies can be made of what is printed as there are sheets of paper.

6 : In this way thousands of books make their way to the market.

(A) PRQS

(B) RQPS

(C) PQRS

(D) PQSR

68. Choose the correct option to complete the sentence given below :

The old lady..............for a long time before she................away.

(A) had been suffering, passed

(B) is suffering, passed

(C) has suffered, was passing

(D) was suffering, had passed

69. Pick out the most effective word from the given options to fill in the blank to make the sentence meaningfully complete :

If you persist in telling lies to me I shall sue you ...... slander.

(A) to

(B) on

(C) for

(D) with

70. **Directions** : Read the following passage to answer the given question based on it :

At this stage of civilization, when many nations are brought in to close and vital contact for good and evil, it is essential, as never before, that their gross ignorance of one another should be diminished, that they should begin to understand a little of one another's historical experience and resulting mentality. It is the fault of the English to expect the people of other countries to react as they do, to political and international situations. Our genuine goodwill and good intentions are often brought to nothing, because we expect other people to be like us. This would be corrected if we knew the history, not necessarily in detail but in broad outlines, of the social and political conditions which have given to each nation its present character.

The character of a nation is the result of its :

(A) Mentality

(B) Cultural heritage

(C) Gross ignorance

(D) Socio-political conditions

GENERAL APTITUDE

71. Complete the series: 318, 206, 150, ?, 108, 101

(A) 130

(B) 115

(C) 122

(D) 120

72. In a coded message, SLOW MOVE, GET BACKWARDS, FIRE AWAY is written as VFMD ZMWE, BEN PCTLDCOXU, QHOE CDCI. Based on this coding scheme, spot the codes for following words :

SALTY

(A) UCFNI

(B) UCFIN

(C) UCINF

(D) UCHIN

73. A is north-east of B. The shortest distance between A and B is 10 metre. C is south of A and east of B. The distance between B and C is twice the distance between A and E. The distance between A and C is twice the distance E and H. E is north of A. H is east of E. H is 3 metre south of G. The shortest distance between G and E is 5 metre. What is the sum of the distance between A and C & E and H ?

(A) 9 metre

(B) 10 metre

(C) 12 metre

(D) 14 metre

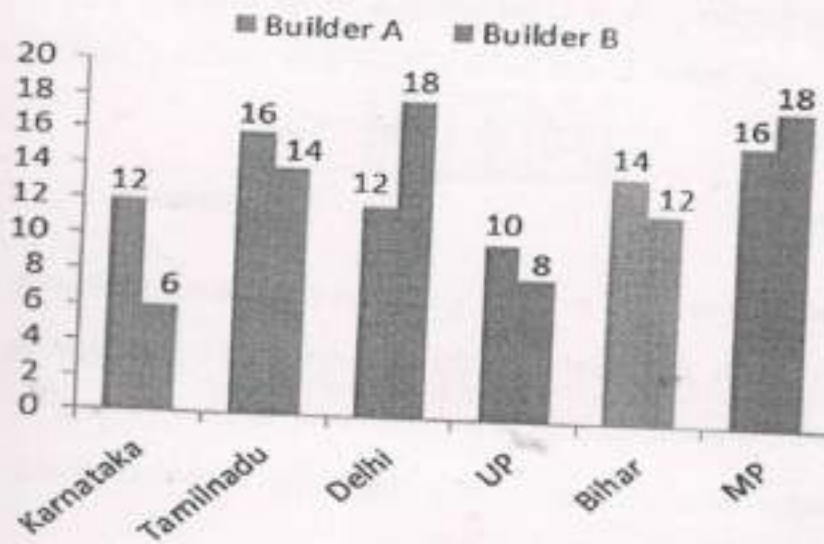74. Perch : Fresh water : ? : Salt water

(A) Crocodile

(B) Frog

(C) Cod

(D) Snake

Directions : Study the following bar chart and table chart carefully and answer the question given below :

Following bar graph shows the amount of money allocated (in lakh) to 2 builders by six different state governments for various government projects such as House building, Road development, Bridge development and Metro projects.
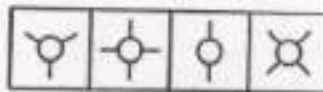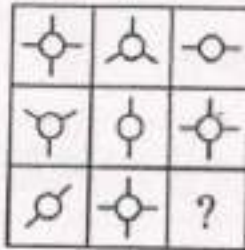

The table shows the spending of each builder in various development aspects every year.

Project	Builder A	Builder B
House	15%	35%
Roads	35%	20%
Bridge	20%	30%
Metro	30%	15%

75. Find that the amount allocated to builder B for Bridges in the states Delhi, UP, Bihar and MP together is how much more than the amount allocated to builder A for bridges on same states together ?

(A) 5.2 lakh

(B) 3.2 lakh

(C) 6.4 lakh

(D) 4.8 lakh

76. K is the brother of X, Z is the son of X, P, the daughter of K, is married to N, G and X are sisters to one another. Then state how is G related to Z ?

(A) Sister

(B) Aunt

(C) Mother

(D) Mother-in-law

77. Four boys are standing in a row facing the North. Amit is eleventh from the left and Deepak is thirty-first from the right end of the row. How far will Somya, who is third to the right of Amit in the row, be from Deepak ?

(A) 2nd

(B) 3rd

(C) 4th

(D) 5th

78. In the following question, a statement is given followed by some conclusions. Without resolving anything yourself, choose the conclusion which logically follows from the statement.

Statement : All good books help and so will this one.

(A) This is not the best book.

(B) Bad books don't help.

(C) This is a good book.

(D) Some good books do not help.

79. Select a suitable figure from the four alternatives that would complete the figure matrix :

(1)   (2)   (3)   (4)

(A) 1   (B) 2

(C) 3   (D) 4

80. Choose the alternative which is closely resembles the mirror image of the given word :

247596

(1) 695742   (2) 695742 (mirrored)
(3) 695742 (mirrored)   (4) 247596 (mirrored)

(A) 1   (B) 2

(C) 3   (D) 4

81. What will be remainder when $(67^{67} + 67)$ is divided by 68 ?

(A) 61   (B) 63

(C) 66   (D) 67

82. Salim purchased 20 dozens of toys at the rate of Rs. 375 per dozen. He sold each one of them at the rate of Rs. 33. What was his percentage profit ?

(A) 3.5

(B) 4.5

(C) 5.6

(D) 6.5

83. Three planets revolve round the Sun once in 200, 250 and 300 days, respectively in their own orbits. When do they all come relatively to the same position as at a certain point of time in their orbits ?

(A) After 3000 days

(B) After 2000 days

(C) After 1500 days

(D) After 1200 days

84. O, M, P, Q, S and T are six members in a family. P is not mother of M but M is son of P. O and P are a married couple. S is the brother of P. T is brother of M. Q is daughter of O. How many children do O and P have ?

(A) 1

(B) 2

(C) 3

(D) 4

85. Kartik is 6 ranks ahead of Sushen who ranks sixteenth in a class of 42. What is Kartik's rank from the last ?

(A) 33

(B) 32

(C) 31

(D) 30

86. A watch gains 8 seconds in 4 minutes and was set right at 4 AM. What time will it show at 11 PM on the same day ?

    (A) 11:08

    (B) 12:38

    (C) 11:38

    (D) 12:08

87. The S.I. on a certain sum of money for 4 years at 15% per annum is Rs. 180 more than S.I. on same sum for 5 years at 10% per annum. Find the sum.

    (A) 1000

    (B) 1200

    (C) 1800

    (D) 2000

88. A and B could do a piece of work in 30 days. After working for 10 days, they are assisted by C and the work is finished in 10 days. If C does as much work in 2 days as B does in 3 days, in how many days could A do the same work alone ?

    (A) 60 days

    (B) 70 days

    (C) 80 days

    (D) 90 days

89. Father is aged three times more than his son. After 8 years, he would be two and a half times of his son's age. After further 8 years, how many times would he be of his son's age ?

    (A) 2

    (B) 3

    (C) 4

    (D) 5

90. If $\sqrt{5} = 2.236$, then find the value of $\sqrt{320} - \frac{1}{5}\sqrt{125} - \sqrt{180}$:

    (A) 4.236

    (B) 2.236

    (C) 3.346

    (D) 1.566

GENERAL KNOWLEDGE

91. By which Constitutional Amendment, economically weaker sections of the general category have been provided 10% reservation in education and government jobs ?

    (A) The Constitution (102nd Amendment) Act, 2019

    (B) The Constitution (103rd Amendment) Act, 2019

    (C) The Constitution (104th Amendment) Act, 2019

    (D) The Constitution (105th Amendment) Act, 2019

92. Which of the following on January 12, 2019 became the 5th Indian batsman to score 10,000 runs in One-day International cricket ?

    (A) Virat Kohli   (B) Rohit Sharma

    (C) Shikhar Dhawan   (D) Mahendra Singh Dhoni

93. Treaty of Bassein in 1802 with the British East India Company was signed by

    (A) Baji Rao II   (B) Baji Rao I

    (C) Sultan Bahadur   (D) None of these

94. The Bhakra Dam is built across the river :

    (A) Chenab   (B) Tapti

    (C) Sutlej   (D) Ravi

95. What is the mainstay of Indian economy ?

    (A) Manufacturing   (B) Agriculture

    (C) Business   (D) Public sector undertaking

96. Who was the first Vice-President of India ?

    (A) Dr. S. Radhakrishnan

    (B) Dr. Zakir Hussain

    (C) Gopal Swarup Pathak

    (D) Ramaswamy Venkataraman

97. Layer of atmosphere in which Ozone layer lies is :

    (A) exosphere   (B) mesosphere

    (C) troposphere   (D) stratosphere

98. Vermicomposting is done by :

    (A) Fungus   (B) Bacteria

    (C) Worms   (D) None of these

99. Tangri river of Harayana originates from :

    (A) Mewat Hills

    (B) Yamunotri

    (C) Dagshai Hills

    (D) Morni Hills

100. In which district of Haryana is the "Badkhal Lake" situated ?

    (A) Faridabad   (B) Panipat

    (C) Panchkula   (D) Rohtak

SVSU Recrutment Examination 2019
Loaded Key Sheet for : 13 - Network Administrator , Set Code : A

Q.No.	Key	Q.No.	Key	Q.No.	Key	Q.No.	Key	Q.No.	Key
1	A	21	D	41	C	61	C	81	C
2	A	22	B	42	C	62	B	82	C
3	A	23	C	43	A	63	A	83	A
4	D	24	B	44	D	64	D	84	C
5	D	25	B	45	B	65	A	85	A
6	B	26	B	46	A	66	C	86	C
7	C	27	D	47	C	67	C	87	C
8	D	28	D	48	D	68	A	88	D
9	A	29	B	49	B	69	C	89	A
10	B	30	C	50	A	70	D	90	B
11	B	31	A	51	A	71	C	91	B
12	B	32	D	52	B	72	A	92	D
13	C	33	D	53	D	73	C	93	A
14	C	34	D	54	A	74	C	94	C
15	D	35	C	55	A	75	C	95	B
16	D	36	B	56	C	76	B	96	A
17	C	37	A	57	A	77	C	97	D
18	B	38	C	58	D	78	C	98	C
19	B	39	C	59	B	79	A	99	D
20	D	40	C	60	B	80	D	100	A