## **FULL LENGTH (UPSC Format)**

#### **TEST PAPER 10**

PAPER – I (Objective Type of Questions)

Total No. of Ques. 125

**Time Allotted** 2 Hrs

**Maximum Marks: 250** 

- 1. The college of Military Engineering is situated at
  - (a) Kirkee (Pune)
  - (b) Mhow
  - (c) Dehradun
  - (d) Chennai
- 2. The Infantry School (Army) is situated at
  - (a) Mhow
  - (b) Deolali
  - (c) Bareilly
  - (d) Pune
- 3. The corps of Military Police central and school is situated at

  (a) Bangalore
  - (a) Bangalore
  - (b) Faizabad
  - (c) Trimulgherry
  - (d) Secunderaba
- 4.INS Venduruthy is located at
  - (a) Koch
  - (b) Lonar
  - amnagar
  - (d) Mumbai

5.INS Agrani (Petty Officers' School) is situated at
(a) Mumbai
(b) Jamnagar
(c) Coimbatore
(d) Lonavla
6. School of Aviation Medicine (Air Force) is located at
(a) Allahabad
(b) Hyderabad
(c) Bangalore
(d) Jalahalli
<ul> <li>(b) Hyderabad</li> <li>(c) Bangalore</li> <li>(d) Jalahalli</li> <li>7.National Defence Academy is situated at</li> <li>(a) Khadakvasla</li> <li>(b) Now Dolbi</li> </ul>
(a) Khadakvasla
(b) New Delhi
(c) Wellington
(d) Dehradun
8. Himalayan Mountaineering Institute is at
(a) Darjeeling
(b) Dehradun
(c) Marmagao
(d) Dispur
9. Which of the following is Defence Production public sector undertaking (PSUs)?
(a) Hindustan Aeronautics Limited (HAL)
(b) Sharat Electronics Limited (BEL)
(c) Bharat Earth Movers Limited (BEML)

(d) All of these

- 10. Nalanda is located at
  - (a) Gujarat
  - (b) Varanasi, Uttar Pradesh
  - (c) Near Patna, Bihar
  - (d) Near Bhopal, Madhya Pradesh
- 11. Bharat Electronics Limited (BEL) is located at
  - (a) Bangalore and Ghaziabad
  - (b) Pune and Panchkula (Haryana)
  - (c) Hyderabad and Chennai
  - (d) All of these
- 12. Which company manufacturers low and high power communication equipment like radius its for the use of defence services and paramilitary organizations?
  - (a) Bharat Electronics Limited (BEL)
  - (b) God Shipyard Limited (GSL)
  - (c) Bharat Dynamic Limited (BDL)
  - (d) None of these
- 13. Bharat Earth Movers Limited (BEML) has factories located at
  - (a) Bangalore
  - (b) Mysore
  - (c) Kolar Gold fields
  - (d) All of these
- 14. Bharat Dynamics Limited (BDL) was established in
  - (**a) 1**963
  - (b) 1965
  - (c) 1968
  - (d) 1970

- Which company carries the construction of submarines, missile-boats and destroyers etc. for the Indian Navy and offshore supply vessels and well-head platforms etc.?
  - (a) Mazgaon Dock Limited (MDL)
  - (b) Garden Reach Shipbuilders and Engineering Limited (GRSE)
  - (c) Goa Shipyard Limited (GSL)
  - (d) None of these
- 16. Goa Shipyard Limited (GSL) was established in
  - (a) 1958
  - (b) 1957
  - (c) 1956
  - (d) 1955
- u) 1955
  Mishra Dhatu Nigam Limited (MIDHANI) has established in
  1958
  1964
  1973
  988
   head of a pe''
   P' 17.
  - (a) 1958
  - (b) 1964
  - (c) 1973
  - (d) 1988
- 18.
  - (a) The Director General of police
  - (b) The Deputy Inspector General of Police
  - (c) Commissioner of Police
  - (d) None of these
- 19. In big cities like Delhi, Kolkata, Mumbai, Chennai, police is headed by a
  - (a) Commissioner of Police
  - (b) Inspector General of Police
  - (c) Deputy Inspector General of Police
  - (d) None of these

20	. Central Reserve Police Force (CRPF) was raised in
	(a) 1939
	(b) 1965
	(c) 1969
	(d) 1962
21	. Which paramilitary force assist the State/Union Territory Police in maintenance of law and order?
	(a) Central Reserve Police Force (CRPF)
	(b) Border Security Force (BSF)
	(c) Assam Rifles
	(d) Coast Guard
22	. The headquarters of BSF are at
	(a) Chennai
	(b) Kolkata
	(c) New Delhi
	(d) Mumbai
23	. The headquarters of 'Assam Rifles' as at
	(a) Kohima
	(b) Shillong
	(c) Aizawl
	(d) Itanagar
24	. Which is the oldest paramilitary force in the country?
	(a) Border Security Force (BSF)
	(b) Assam Rifles
	(c) Indo-Tibetan Border Police (ITBP)
	(d) Coast Guard

- Which paramilitary force protects the maritime and other national interests in the maritime zones of India?
  - (a) Coast Guard
  - (b) National Cadet Corps
  - (c) Indo-Tibetan Border Police
  - (d) Central Reserve Police
- Which paramilitary force is composed of students from educational institutions?
  - (a) Coast Guard
  - (b) National Cadet Corps
  - (c) Border security force
  - (d) Assam Rifles
- seath aire The Territorial Army was established in
  - (a) 1962
  - (b) 1948
  - (c) 1920
  - (d) 1953
- 28. Which paramilitary force Ollects secret information relating to country's security?
  - (a) Territorial Arm
  - (b) Central Bureau of Investigation
  - (c) Intelligence Bureau
  - (d) None of these
- 29. Central Bureau of Investigation (CBI) was established in
  - (a) 1948
  - (b) 1962
  - (c) 1920
  - (d) 1953

- 30. Which paramilitary force will replace all the Army formations being deployed for internal security in Kashmir and other states?
  - (a) Rapid Action Force (RAF)
  - (b) Rashtriya Rifles (RR)
  - (c) The Defence Research and Development Organization (DRDO)
  - (d) None of these
- 31. An ancient site which consists of 7 caves famous for the Trinurt and other sculptures is
  - (a) Ajanta caves
  - (b) Ellora caves
  - (c) Elephanta caves
  - (d) None of these
- 32. On August 1, 2003, the total strength of India's armed forces approximate to
  - (a) 13,92,000
  - (b) 10,92,000
  - (c) 71,500
  - (d) 1,32,000
- 33. The Technology Policy Statement (TPS) was formulated in 1983 with the aim of
  - (a) attaining technical competence and self-reliance and making maximum use of indigenous resources
  - (b) developing indigenous technology
  - (c) using traditional skills and capabilities making them commercially competitive
  - (d) All are correct

- 34. Which department formulates and executes programmes of scientific research, design and development leading to induction of state-of-the art weapons, platforms and other equipments required by the armed forces?
  - (a) The Department of Defence Research and Development
  - (b) Central Bureau of Investigation
  - (c) Rashtriya Rifles
  - (d) Territorial Army
- 35. India's Integrated Missiles Development Programme was started in \_ under the chairmanship of Dr A. P. J. Abdul Kalam.
  - (a) 1979-80
  - (b) 1980-81
  - (c) 1981-82
  - (d) 1982-83
- 36. Which of the following missile is surface-to-surface ballistic missile?
  - (a) Agni
  - (b) Prithvi
  - (c) Trishul
  - (d) Nag
- 37. The range of missile Aghi' is approximately
  - (a) 150 km
  - (b) 1200-2000(km
  - (c) 500 m to 9 km
  - (d) 4 km
- 38. Missile 'Prithvi' aims
  - (a) to test the performance of an indigenously built heat-shield
  - (b) to hit a target without the help of the Air forces
  - (c) to defend large installations like oilfields etc., against enemy air attacks
  - (d) None of these

- 39. 'Trishul' is
  - (a) Surface-to-surface battlefield missile
  - (b) Medium range surface-to-air missile
  - (c) Low-level, quick reaction surface-to-surface missile
  - (d) None of these
- 40. The first launch of the missile 'Trishul' was made in
  - (a) February 1988
  - (b) May 1989
  - (c) June 1990
  - (d) September 1995
- 41. Which of the following missile is 'fire and forget' pe missile?
  - (a) Prithvi
  - (b) Trishul
  - (c) Nag
  - (d) Akash
- 42. What is the range of missile 'Akash'?
  - (a) 4 km
  - (b) 25 km
  - (c) 500 m to 9 kr
  - (d) 150 km
- 43. Which missile is designed to defend large installations like oilfields etc., against enemy air attacks?
  - (a) Akash
  - (b) Nag
  - (c) Agni
  - (d) Prithvi

The Indian space programme began in 44. (a) 1961 (b) 1962 (c) 1965 (d) 1969 45. The objective of India's space programme was (a) Mass communication and education via satellite (b) Survey and management of natural resources (c) Development of indigenous satellites and satellite launch behicles (d) All of these National Remote Sensing Agency (NRSA) was set u (a) 1980 (b) 1985 (c) 1990 (d) 1995 47. A US-sponsored mission rear Thiruvanthapuram (Kerala) which is a rocket launching facility, is (a) Space, Science and Technological Centre (b) Thumba Equatorial Rocket Launching Station (c) Rocket Propellant plan (d) None of these A high-speed rocket testing facility is 48. (a) Rocket sled facility (b) Solid propellant space Booster plan (c) Vikram Sarabhai space centre

(d) None of these

- 49. Which of the space establishments is responsible for systems design, management, manufacturing, installation and commissioning of satellite communication stations?
  - (a) Experimental satellite communication Earth station
  - (b) India scientific satellite project
  - (c) Satellite communication system division
  - (d) ISRO satellite centre
- The Aryabhatta, India's first satellite, was built in 50.
  - (a) Space application centre
  - (b) India scientific satellite project
  - (c) ISRO inertial system
  - (d) Rocket sled facility
- Which space establishment is involved in conception, definition, planning and socio-economic evaluation of space-application programmes?
  - (a) Development and Education Communication Unit
  - (b) Space, Science and Technological Centre
  - (c) Rocket Fabrication Facility
  - (d) Static Text and Evaluation Complex
- Which space establishment is responsible for all post launch operation of ISAT 52. satellites including station keeping in-orbit operations on the spacecraft?
  - (a) Master control facility
  - (b) Vikram Sarabhai space centre
  - (c) ISRO satellite centre
  - d) Sriharikota Rocket Range

Which Indian satellite had a main function to perform X-ray experiments in 53. space and send back data to earth? (a) Aryabhatta (b) Bhaskara II (c) Bhaskara IL (d) None of these The Indian ocean Arc is an imaginary circle in space about \_ equator. (a) 20,000 km (b) 35,000 km (c) 36,000 km (d) 30,000 km The first development flight of SLV-3 to ( 55. (a) May 31, 1981 (b) April 17, 1983 (c) December 21, 1999 (d) December 28, 1995 56. Which Indian Remote sensing satellite was launched by Indian own launch vehicle, PSLV? (a) IRS-P3 (c) Both (a) and (b)

Which satellite has opened up new vistas of applications related to ocean resources? (a) IRS-P4 (b) IRS-P3 (c) IRS-1D (d) IRS-IC The SLV-3 project provided India with the expertise to launch a larger and more sophisticated launch vehicle (a) PSLV (b) ASLV (c) GSLV (d) None of these 59. Which launch vehicle is capable of placing around 1540 kg of INSAT class of satellites in geosynchronous transfer orbit of barth? (a) SLV-S (b) PSLV (c) ASLV (d) GSLV 60. INSAT-1A was launched (a) April 10, 1982 (b) June 12, 199 (c) August 14, 1995 (d) October 16, 1998 INSAT C was declared unusable in 61. (a) November 1989 (b) April 1982

(c) July 1988

(d) June 1990

- 62. Vedanthangal Bird Sanctuary at Tamil Nadu has reserves of
  - (a) wild ass, wolf, nilgai, chinkara
  - (b) important bird sanctuary
  - (c) panther, chital, sloth bear, wolf
  - (d) elephant, deer, wild boar, crocodile, crangetic dolphin
- 63. INSAT-2C was launched in
  - (a) April, 1988
  - (b) December, 1995
  - (c) July 1992
  - (d) October 1997
- 64. Which satellite was launched for the purpose pr Remote sensing?
  - (a) INSAT-1A
  - (b) RS-D2
  - (c) 1RS-1A
  - (d) INSAT-2DT
- **65**. Which satellite was launched for the purpose of TV network and communication?
  - (a) INSAT-2A
  - (b) INSAT-2B
  - (c) INSAT-2C
  - (d) INSAT-2D
- 66. Squadron leader Rakesh Sharma was India's first man to go into space. He was cosmonaut to be in space in the world.
  - (a) 12th
  - (b) 107th
  - (c) 139th
  - (d) 151st

67	. 1	The department of Atomic Energy was established in
	(a)	1948
	(b)	1956
	(c)	1963
	(d)	1971
68	. 1	The main objective of the Department of Atomic Energy is
	(a)	to generate safe, economic electrical power from nuclear energy
	(b)	to build research reactors and to utilize the radioisotopes
	• •	to encourage technology transfer and interaction with industry for industrial and social development
	(d)	All of these
69	. E	Bhabha Atomic Research Centre (BARC) is located at
	(a)	Trombay (Maharashtra)
	(b)	Kalpakkam (Chennai)
	(c)	Indore
	(d)	Kolkata
70	. \	Which of the following Atthe Atomic Reactor of BARC?
	(a)	Apsara
	(b)	Purnima-I
	(c)	Kamini
	(d)	All of these
71	.	ndia s first atomic reactor was
	(a)	Zerlina
	(b)	Dhruva
	(c)	Apsara
	(d)	Kamini

72	. Which atomic reactor is used for studies of uranium heavy water lattice?
	(a) Apsara
	(b) Zerlina
	(c) Dhruva
	(d) Purnima-I
73	. India's first fast breeder neutron reactor was
	(a) Zerlina
	(b) Apsara
	(c) Purnima-I
	(d) Kamini
74	(d) Kamini  . Where is the BARC's Research Centre?
	(a) Variable Energy Cyclotron Centre, Kolkata
	(b) Nuclear Research Lab, Kashmir
	(c) High Altitude Research Lab, Gulmarg
	(d) All of these
75	. Indira Gandhi Centre for Atomic Research, established in 1971, is located at
	(a) Indore
	(b) Trombay, Maharashtra
	(c) Kalpakkam, Chemai
	(d) Kolkata
76	. The industrial organization of Atomic Minerals Division, Heavy Water Board
	(HWB) is located at
	(a) Mumbai
	(b) Kolkata
	(c) Hyderabad
	(d) Jadugude, Bihar

77	. Nuclear power is thermal power.
	(a) cheaper than
	(b) costlier than
	(c) equal in amount
	(d) They cannot be related
78	3. The first rice straw power plant has been set up at
	(a) Kolkata
	(b) Jalkheri, Punjab
	(c) Trombay, Maharashtra
	(d) None of these
79	2. Sariska sanctuary is located at
	(a) Alwar, Rajasthan
	(b) Mandi, Himachal Pradesh
	(c) Mayurbhanj, Orissa
	(d) Palghat, Kerala
80	). The first permanent Indian oceanographic station, 'Dakshin Gangotry' during Antarctic Expedition, was set up in
	(a) April/March 1984
	(b) December 1982/ January 1983
	(c) November 1985/February 1986
	(d) December 1988/March 1989
81	. During eleventh Antarctic Expedition in November 1991/March 1992 was installed.
•	(a) Sonar (sound detection and ranging system)
	(b) second permanent station 'Maitree'
	(c) first permanent station 'Dakshin Gangotri'
	(d) None of these

- First test tube baby was born on 82.
  - (a) December 1, 1971
  - (b) August 6, 1990
  - (c) July 6, 1959
  - (d) None of these
- 83. The date of operation of first kidney transplant was
  - (a) August 6, 1990
  - (b) July 6, 1959
  - (c) December 1, 1971
  - (d) None of these
- inon.cox The date of operation of first open heart surgery, bindia was 84.
  - (a) July 6, 1959
  - (b) August 12, 1991
  - (c) June 20, 1990
  - (d) January 11, 1985
- Central soil salinity research institute is located at
  - (a) Karnal (Haryana)
  - (b) Bhavnagar (Gujarat
  - (c) Lucknow (Uttar Pradesh)
  - (d) Kolkata (West Bengal)
- Koller Pelicanary situated at Elluru, Andhra Pradesh has reserves of
  - (a) elephant, tiger, panther, sambar
  - (b) pelicans, painted stroke
  - (c) chital, sambar, chinkara, wild birds
  - (d) elephant, leopard, tiger, garu, nilgai

National Institute of oceanography is located at 87. (a) Panaji (Goa) (b) Lucknow (Uttar Pradesh) (c) Pune (Maharashtra) Lamil Nadu)

An Bangalore (Karnataka)

National Institute of mental health is located at the composition of (d) Nagpur (Maharashtra) 88. (a) New Delhi (b) Lucknow (Uttar Pradesh) (c) Chennai (Tamil Nadu) (d) Bangalore (Karnataka) 89. (a) Coonoor (Tamil Nadu) (b) Chandigarh (c) New Delhi (d) Bangalore National institute of occupational health is located at (a) Bangalore (b) Ahmedabad (c) Pune (d) Mumbai The highest national award in India given for exceptional work for advancement of art. Nterature and science, is **a B**harat Ratna (b) Padma awards (c) Gallantry Awards

(d) None of these

- Which rivers flow in the state of Gujarat? 92.
  - (a) Narmada and Tapti
  - (b) Sabarmati and Mhanadi
  - (c) Banas, Saraswati and Damanganga
  - (d) All of these
- 93.
  - (a) S. Radhakrishnan
  - (b) C. Rajagopalachari
  - (c) C. V. Raman
  - (d) Jawaharlal Nehru
- 94.
  - (a) Khan Abdul Ghaffar Khan
  - (b) Nelson Mandela
  - (c) C. V. Raman
  - (d) None of these
- ...an

  u) Jawaharlal Nehru

  The first foreigner to receive Bharat Ratna was

  ) Khan Abdul Ghaffar Khan
  Nelson Mandela

  C. V. Raman
  Vone of these
  shri Lata Dinanath Mangesh

  100
  - (a) 2000
  - (b) 2001
  - (c) 2002
  - (d) 2003
- The third highest national award given for distinguished service in any field is
  - (a) Padma Vibhushan
  - b) Padma Bhushan
  - (c) Padma Shri
  - (d) Bharat Ratna

97. Garampani sanctuary is located at (a) Junagarh, Gujarat (b) Diphu, Assam (c) Kohima, Nagaland (d) None of these

99. Shaurya Chakra made up of bronze is awarded for

(a) gallantry other than in the face of the epend

(b) most conspicuous bravery or some

(c) gallantry in the pres

(d) None of 100. The first Dada Saheb Phake Award, given in 1969, was received by (a) Devika Rani (b) Pankaj Mullio (c) Kanan Devi (d) Sohrab Modi 101. The list price of an article is Rs 65. A customer pays Rs 56.16 for it. He was given two successive discounts, one of them being 10%. The other discount was (b) 4% (c) 5%

(d) 6%

- 102. A dealer buys a radio listed at Rs 1,000 and gets successive discounts of 10% and 20%. He spends 10% of the cost price on transportation. If he wants a profit of 15%, he should sell the radio for
  - (a) Rs 910.80
  - (b) Rs 820.60
  - (c) Rs 727.00
  - (d) Rs 720
- 103. A retailer buys 30 pens from a wholesaler at the marked price of 27 pens. If the retailer sells the pens at the marked price, profit per cent in the transaction is
  - (a) 10%
  - (b) 14%
  - (c) 18%
  - (d) 20%
  - 104. A merchant blends two varieties of tea from two different tea gardens, one costing Rs 45 per kg and other Rs 60 per kg in the ratio 7 : 3 respectively. He sells the blended variety at Rs 54.45 per kg. His profit per cent in the transaction is:
    - (a) 5%
    - (b) 10%
    - (c) 15%
    - (d) 25%
  - 105. A scooter and a motorcycle together cost Rs 8,000. If by selling the scooter at 10% profit and the motorcycle at 10% loss a total profit of 2.5% is made, what is the cost price of the scooter?
    - (a) Rs 3,000
    - (b) Rs 3,500
    - (c) Rs 4,000
    - (d) Rs 5,000

- 106. Harish bought a second-hand typewriter for Rs 1,200 and spent Rs 200 on its repairs. He sold it for Rs 1,680. Find his profit or loss. What was his profit or loss per cent?
  - (a) 10% loss
  - (b) 15% loss
  - (c) 20% loss
  - (d) 20% gain
- 107. By selling 12 notebooks, the seller earns a profit equal to the selling price of two notebooks. What is this percentage profit?
  - (a) 20%
  - (b) 25%
  - (c) 16%
  - (d) Data inadequate
- 108. The profit earned by selling an article for Rs 600 is equal to the loss incurred when the same article is sold for Rs 400. What should be the sale price of the article for making 25% profit?
  - (a) Rs 500
  - (b) Rs 525
  - (c) Rs 600
  - (d) Rs 625
- 109. A man buys oranges at the rate of 6 for Rs 2 and sells the whole lot at the rate of 7 for Rs 3. In the process, he gains Rs 20. How many oranges did he purchase?
  - (a) 300
  - (b) 350
  - (c) 400
  - (d) 420<sub>4</sub>
- 110. A melchant professes to sell his goods at cost price, but weighs 950 g for a kg of weight. What is real gain or loss per cent?
  - (a) gain above 5%
  - (b) gain below 5%
  - (c) loss above 5%
  - (d) loss below 5%

*Direction (Q1-21):* Complete the following series:

- 111. 7, 26, 63, 124, (.....), 342
  - (a) 210
  - (b) 215
  - (c) 220
- .2 (c) 13 (d) 14 114. 121, 233, 345, 457, 569, 681, (.....) (a) 792 (b) 793 (c) 794 (d) 795 5. 3, 5, 9, 17, 33, 65 (.....) (a) 127 (b) 129

  - - (b) 128
    - (c) 129
    - (d) 130
  - 116. \_ c \_\_\_ bcab \_\_\_ bca
    - a) abab
    - b) abac
    - (c) abaa
    - (d) aabc

- 117. aa \_\_ c \_\_ a \_\_ b \_\_ c \_\_ ab \_\_ c
  - (a) aabbcc
  - (b) acbcac
  - (c) bcacac
  - (d) acbcac
  - (e) abcacb
- 118. ab \_\_ aa \_\_ ba \_\_ bb \_\_
  - (a) abab
  - (b) bbaa
  - (c) bbbb
  - (d) aaaa
- 119. W, L, T, J, ?, H, N, F
  - (a) I
  - (b) P
  - (c) E
  - (d) Q
- Desegnication. 120. V, U, ?, R, P, O, M, L
  - (a) T
  - (b) S
  - (c) Q
- BD, EH, IM, NS, 2 121
  - (a) U Y
  - (b) U Z
- 122. E.P.Y.E.J ??

  - b) B M
  - (c) W X
  - (d) J M

- ZXUQ?? 123
  - (a) M O
  - (b) O P
  - (c) L E
  - (d) L F
- Z, A, U, F, P, ? 124
  - (a) K
  - (b) M
  - (c) N
  - (d) O
- www.inorraeseducation.cox 125 aaab\_\_aa\_\_ab
  - (a) a a b b
  - (b) b b a b
  - (c) a a a a
  - (d) b b b b

1. (a) 8. (a) 15. (a) 22. (c) 29. (d) 36. (a) 43. (a) 50. (b) 57. (a) 64. (c) 71. (c) 78. (b)	9. (d) 16.(b) 23.(b) 30.(b) 37.(b) 44.(b) 51.(a) 58.(b)	3. (b) 10.(c) 17.(c) 24.(b) 31.(c) 38.(b) 45.(d) 52.(a) 59.(d)	4. (a) 11.(d) 18.(a) 25.(a) 32.(a) 39.(c) 46.(a) 53.(a)	5. (c) 12.(a) 19.(a) 26.(b) 33.(d) 40.(d) 47.(b)	6. (c) 13.(d) 20.(a) 27.(b) 34.(a) 41.(c)	7. (a) 14.(d) 21.(a) 28.(c) 35.(d) 42.(b)
15. (a) 22. (c) 29. (d) 36. (a) 43. (a) 50. (b) 57. (a) 64. (c) 71. (c)	16.(b) 23.(b) 30.(b) 37.(b) 44.(b) 51.(a) 58.(b)	17.(c) 24.(b) 31.(c) 38.(b) 45.(d) 52.(a)	18.(a) 25.(a) 32.(a) 39.(c) 46.(a)	19.(a) 26.(b) 33.(d) 40.(d)	20.(a) 27.(b) 34.(a) 41.(c)	21.(a) 28.(c) 35.(d) 42.(b)
22. (c) 29. (d) 36. (a) 43. (a) 50. (b) 57. (a) 64. (c) 71. (c)	23.(b) 30.(b) 37.(b) 44.(b) 51.(a) 58.(b)	24.(b) 31.(c) 38.(b) 45.(d) 52.(a)	25.(a) 32.(a) 39.(c) 46.(a)	26.(b) 33.(d) 40.(d)	27.(b) 34.(a) 41.(c)	28 (c) 35 (d) 42 (b)
29. (d) 36. (a) 43. (a) 50. (b) 57. (a) 64. (c) 71. (c)	30.(b) 37.(b) 44.(b) 51.(a) 58.(b)	31.(c) 38.(b) 45.(d) 52.(a)	32.(a) 39.(c) 46.(a)	<b>33.</b> (d) <b>40.</b> (d)	34.(a) 41.(c)	<b>35.</b> (d) <b>42.</b> (b)
36. (a) 43. (a) 50. (b) 57. (a) 64. (c) 71. (c)	37.(b) 44.(b) 51.(a) 58.(b)	38.(b) 45.(d) 52.(a)	<b>39.</b> (c) <b>46.</b> (a)	<b>40.</b> (d)	<b>41.</b> (c)	<b>42.</b> (b)
43. (a) 50. (b) 57. (a) 64. (c) 71. (c)	44.(b) 51.(a) 58.(b)	<b>45.</b> (d) <b>52.</b> (a)	<b>46.</b> (a)			` ` · ·
50. (b) 57. (a) 64. (c) 71. (c)	51.(a) 58.(b)	<b>52.</b> (a)		<b>47.</b> (b)	40 ( )	40.43
57. (a) 64. (c) 71. (c)	<b>58.</b> (b)		<b>53</b> .(a)		<b>48.</b> (a)	<b>49.</b> (c)
64. (c) 71. (c)		<b>50</b> (d)	20.(u)	<b>54.</b> (c)	<b>55.</b> (a)	<b>56.</b> (c)
<b>71.</b> (c)	65 (c)	39.(u)	<b>60.</b> (a)	<b>61.</b> (a) •	<b>62</b> (b)	<b>63.</b> (b)
	) 05.(0)	<b>66.</b> (c)	<b>67.</b> (b)	<b>68.</b> (d)	<b>69.</b> (a)	<b>70.</b> (d)
<b>78</b> (b)	<b>72.</b> (b)	<b>73.</b> (d)	<b>74.</b> (d)	75.(c)	<b>76.</b> (a)	<b>77.</b> (a)
70. (U	<b>79.</b> (a)	<b>80.</b> (a)	<b>81.</b> (a)	82.(b)	<b>83.</b> (c)	<b>84.</b> (a)
<b>85.</b> (a)	<b>86.</b> (b)	<b>87.</b> (a)	<b>88.</b> (b)	<b>89.</b> (d)	<b>90.</b> (b)	<b>91.</b> (a)
<b>92.</b> (d)	<b>93.</b> (b)	<b>94.</b> (a)	95.(b)	<b>96.</b> (b)	<b>97.</b> (b)	<b>98.</b> (c)
99. (a)	) 100.(a)	<b>101.(b)</b>	102(a)	103(c)	<b>104(b)</b>	<b>105(d)</b>
106. (d	) 107. (c)	108. (d)	109. (d)	110 (a)	<b>111</b> (b)	<b>112.(b)</b>
113. (c)	) 114.(b)	115.(c)	<b>1</b> 16.(b)	117.(c)	118.(b)	<b>119.(d)</b>
120. (b	) 121. (d)	122. (d)	123. (d)	124. (a)	125. (d)	
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