

General Studies

UPSC Civil Services (Prelim) Exam, May, 2006

1. Match *List I (Indian Scientist/Scholar)* with *List II (Area of Work)* and select the correct answer using the codes given below the Lists :

<i>List I (Indian Scientists Scholar)</i>	<i>List II (Area of work)</i>
I. C.N.R.Rao	(A) Telecommunicaiton
II. Jagdish Bhagwati	(B) Physics
III. G.N.Ramachandran	(C) Economics
IV. Ashok Jhunjhunwala	(D) Solid State Chemistry and Material Science

Codes :

- (a) I-D, II-C, III-B, IV-A
(b) I-B, II-A, III-D, IV-C
(c) I-D, II-A, III-B, IV-C
(d) I-B, II-C, III-D, IV-A

2. In which country is the committee which selects winners for the Nobel Peace Prize located?

- | | |
|-------------|-------------|
| (a) Norway | (b) Sweden |
| (c) Finland | (d) Denmark |

3. In which Olympics Games did India last win a Gold Medal?

- | | |
|------------------------|--------------------|
| (a) Montreal (1976) | (b) Moscow (1980) |
| (c) Los Angeles (1984) | (d) Atlanta (1996) |

4. Which of the following substances are found in the beach sands of many parts of Kerala?

- | | |
|------------------|--------------|
| I. Ilmenite | II. Zircon |
| III. Sillimanite | IV. Tungsten |

Select the correct answer using the codes given below:

Codes:

- | | |
|-----------------------|------------------------|
| (a) I, II, III and IV | (b) I, II and III only |
| (c) III and IV only | (d) I and II only |

5. Which is the correct chronological sequence of the major events given below?

- | | |
|--|-----------------------------|
| I. SLV-3 Launch | II. Formation of Bangladesh |
| III. Sikkim becomes 22 nd State of the Indian Union | |
| IV. Pokharan-I test | |

Select the correct answer using the codes given below:

- | | |
|--------------------|--------------------|
| (a) II, IV, III, I | (b) III, I, II, IV |
| (c) II, I, III, IV | (d) III, IV, II, I |

6. With reference of the Government of India's various programme, what is *Normal Gram Puuraskar*?

- (a) It is an incentive scheme of scholarships for the single child in families in villages
(b) It is an incentive scheme of scholarships for female sportspersons from villages who represent their States in any game.
(c) It is an incentive scheme for schools in the village for computer education
(d) It is an incentive scheme for Panchayati Raj institutions.

7. Who among the following laid the foundation of Rashtrakuta Empire?
 (a) Amoghavarsha I (b) Dantidurga
 (c) Dhruva (d) Krishna I
8. Recently, Uttar Pradesh and Madhya Pradesh Governments signed a Memorandum of Undertaking for the linking of two rivers as a link project. Which are these two rivers?
 (a) Betwa and Chambal (b) Betwa and Ken
 (c) Chambal and son (d) Ken and Narmada
9. Who among the following directed the film chosen as India's official entry for the year 2006 Academy Awards?
 (a) Adoor Gopalakrishnan (b) Amol Palekar
 (c) Sanjay Leela Bhansali (d) Kunal Kohli
10. Which one among the following was awarded the CSIR Diamond Jubilee Technology Award 2004 in September 2005 by the Prime Minister of India?
 (a) Infosys Technologies Ltd (b) Midas Communications Technologies
 (c) Tata Consultancy Services (d) Biocon India Ltd.
11. Recently, with which country's government did ONGC – Mittal Energy Limited (OMEL) sign a joint venture deal of six billion dollar dealing with infrastructure, refinery and power?
 (a) Colombia (b) Venezuela
 (c) Nigeria (d) Saudi Arabia
12. Which one of the following companies is associated with the exploration and commercial production of oil in Barmer-Sanchore basin of Rajasthan?
 (a) Cairn Energy (b) Unocal Corporation
 (c) Reliance Energy Ventures (d) ONGC
13. Where is the Central Water and Power Research Station located?
 (a) Khadakwasla (b) Sileru
 (c) Jamnagar (d) Srisaillam
14. Projects and Development India Limited is mainly engaged in design engineering, procurement and supervision of construction/commissioning in which area?
 (a) Pharmaceutical plants (b) Petroleum refineries and sugar factories
 (c) Ship-building yards (d) Fertiliser and allied chemical plants
15. Who is the President of the Council of Scientific and Industrial Research?
 (a) President of India (b) Vice-President of India
 (c) Prime Minister of India (d) Union Minister of Science and Technology
16. The initial design and construction of which massive temple took place during the reign of Suryavarman II?
 (a) Sri Mariamman Temple (b) Angkor Vat
 (c) Batu Caves Temple (d) Kamakhya Temple
17. Indian Airlines (New name : India) have redesigned their logo which is a graphic wheel. This logo has been inspired from which one of the following?
 (a) Hampi Temples (b) Mamallapuram Temples
 (c) Sun Temple, Konark (d) Khajuraho Temple
18. Match List I (Person) with List II (Area of Distinction) and select the correct answer using the codes given below the Lists:

<i>List I (Person)</i>	<i>List II (Area of Distinction)</i>
I. E.C.G.Sudarshan	(A) Theatre

- | | | | |
|------|----------------|-----|---------------------|
| II. | V.Shanta | (B) | Violin |
| III. | T.N.Krishnan | (C) | Research in Physics |
| IV. | Mahesh Dattani | (D) | Cancer treatment |
| | | (E) | Water-harvesting |

Codes :

- | | | | |
|-----|------------------------|-----|------------------------|
| (a) | I-C, II-A, III-B, IV-D | (b) | I-B, II-D, III-E, IV-A |
| (c) | I-C, II-D, III-B, IV-A | (d) | I-B, II-A, III-E, IV-D |
19. Where is Devoas – the venue of the annual meeting of World Economic Forum, located?
- | | | | |
|-----|-------------|-----|------------|
| (a) | France | (b) | Germany |
| (c) | Switzerland | (d) | Luxembourg |
20. What is the Universal Product Code (UPC) adopted for?
- | | | | |
|-----|-------------------------------|-----|-------------------------------------|
| (a) | Fire safety code in buildings | (b) | Earthquake-resistance building code |
| (c) | Bar code | (d) | Against adulteration in eatables |
21. What does the term ‘Dolby B’ or ‘Dolby C’ printed on tape recorders and other sound systems refer to?
- | | | | |
|-----|----------------------------|-----|-----------------------------------|
| (a) | Frequency modulated system | (b) | Amplitude modulated system |
| (c) | Noise reduction circuit | (d) | Both DC and AC power can be used. |
22. Consider the following statements:
- I. The Richter Scale is a logarithmic scale and so an increase of one magnitude unit represents a factor of 10 times in amplitude.
 - II. Each integer reading of the Richter scale has an energy 100 times that of the previous integer reading.
- Which of the statements given above is/are correct?
- | | | | |
|-----|---------------|-----|------------------|
| (a) | I only | (b) | II only |
| (c) | Both I and II | (d) | Neither I nor II |
23. For which Sport is the Val Barker Cup awarded in the Olympic Games?
- | | | | |
|-----|-----------|-----|-----------|
| (a) | Swimming | (b) | Boxing |
| (c) | Long Jump | (d) | High Jump |
24. Which one of the following pairs is *not* correctly matched?
- | | | | |
|-----|---------------------------|---|-------------------------|
| (a) | States Reorganization Act | : | Andhra Pradesh |
| (b) | Treaty of Yandabu | : | Assam |
| (c) | State of Bilaspur | : | Himachal Pradesh |
| (d) | Year 1996 | : | Gujarat becomes a State |
25. Consider the following statements:
- I. Assam shares a border with Bhutan and Bangladesh
 - II. West Bengal shares a border with Bhutan and Nepal
 - III. Mizoram shares a border with Bangladesh and Myanmar
- Which of the statements given above are correct?
- | | | | |
|-----|-----------------|-----|----------------|
| (a) | I, II and III | (b) | I and II only |
| (c) | II and III only | (d) | I and III only |
26. Consider the following statements :
- I. The Charter Act of 1853 abolished East India Company’s monopoly of India trade.
 - II. Under the Government of India Act 1858, the British Parliament abolished the East India Company altogether and undertook the responsibility of ruling India directly.

Which of the following statements given above is/are correct?

- (a) I only (b) II only
(c) Both I and II (d) Neither I nor II
27. When Raja Wodeyar founded the Kingdom of Mysore, who was the ruler of the Vijayanagar Empire?
(a) Sadasiva (b) Tirumala
(c) Ranga II (d) Venkata II
28. Which are the materials generally employed as solder in soldering operations in electronics?
(a) Iron and tin (b) Lead and tin
(c) Aluminium and lead (d) Aluminium and iron
29. Between which of the following was the ancient town of Takshasila located?
(a) Indus and Jhelum (b) Jhelum and Chenab
(c) Chenab and Ravi (d) Ravi and Beas
30. With reference to the invaders in ancient India, which one of the following is the correct chronological order?
(a) Greeks-Sakas-Kushans (b) Greeks-Kusans-Sakas
(c) Sakas-Greeks-Kushans (d) Sakas-Kushans-Greeks
31. Consider the following statements:
I. The Ikshvaku rulers of Southern India were antagonistic towards Buddhism.
II. The Pala rulers of Eastern India were patrons of Bhuddism.

Which of the statements given above is/are correct?

- (a) I only (b) II only
(c) Both I and II (d) Neither I nor II
32. Which one of the following revolts was made famous by Bankim Chandra Chatterjee in his novel *Anand Math*?
(a) Bhil uprising
(b) Rangpur and Dinapur Uprising
(c) Bishnupur and Birbhum rebellion
(d) Sanyasi rebellion
33. In the year 1613, where was the English East India Company given permission to set up a factory (trading post)?
(a) Bangalore (b) Madras
(c) Masulipattam (d) Surat
34. With reference to the revolt of the year 1857, who of the following was betrayed by a friend captured and put to death by the British?
(a) Nana Sahib (b) Kunwar Singh
(c) Khan Bahadur Khan (d) Tantia Tope
35. Under whose presidency was the Lahore Session of the Indian National Congress held in the year 1929 wherein a resolution was adopted to gain complete independence from the British?
(a) Bal Gangadhar Tilak (b) Gopal Krishna Gokhale
(c) Jawaharlal Nehru (d) Motilal Nehru

36. How many numbers are there in all from 6000 to 6999 (both 6000 and 6999 included) having at least one of their digits repeated?
- (a) 216 (b) 356
(c) 496 (d) 504
37. Each of two women and three men is to occupy one chair out of eight chairs, each of which is numbered from one to eight. First, women are to occupy any two chairs from those numbered one to four; and then the three men would occupy any three chairs out of the remaining three men would occupy any three chairs out of the remaining six chairs. What is the maximum number of different ways in which this can be done?
- (a) 40 (b) 132
(c) 1440 (d) 3660
38. Match *List I (Place of Archaeological Monument)* with *List II (State)* and select the correct answer using the codes given below the Lists:
- | <i>List I (Place of Archaeological Monument)</i> | <i>List II (State)</i> |
|--|------------------------|
| I. Sisupalgarh | (A) Assam |
| II. Piprahwa | (B) Manipur |
| III. Goalpara | (C) Orissa |
| IV. Bishnupur | (D) Uttar Pradesh |
- Codes :
- (a) I-B, II-D, III-A, IV-C (b) I-B, II-A, III-D, IV-C
(c) I-C, II-D, III-A, IV-B (d) I-C, II-A, III-D, IV-B
39. In which one among the following is the speed of sound maximum?
- (a) Air at 0°C (b) Air at 100°C
(c) Water (d) Wood
40. Consider the following chemicals:
- | | |
|-----------------------|--------------------------|
| I. Benzene | II. Carbon tetrachloride |
| III. Sodium Carbonate | IV. Trichloroethylene |
- Which of the above is/are used as dry cleaning chemicals?
- (a) I only (b) II only
(c) I, II and IV only (d) I, II, III and IV
41. Consider the following statements:
- I. Caffeine, a constituent of tea and coffee is a diuretic
II. Citric acid is used in soft drinks.
III. Ascorbic acid is essential for the formation of bones and teeth.
IV. Citric acid is a good substitution for ascorbic acid in our nutrition.
- Which of the statements given above are correct?
- (a) I and II only (b) I, II and III only
(c) III and IV only (d) I, II, III and IV
42. Which one of the following subjects is under the Union List in the Seventh Schedule of the Constitution of India?
- (a) Regulation of labour and safety in mines and oilfields.
(b) Agriculture
(c) Fisheries
(d) Public health

43. Consider the following statements:
- There is no provision in the Constitution of India to encourage equal pay for equal work for both men and women.
 - The Constitution of India does not define backward classes.

Which of the statements given above is/are correct?

- | | |
|-------------------|----------------------|
| (a) I only | (b) II only |
| (c) Both I and II | (d) Neither I nor II |

44. What is the new administrative capital proposed for Myanmar?

- | | |
|---------------|--------------|
| (a) Bassein | (b) Mandalay |
| (c) Myithyina | (d) Pyinmana |

45. Consider the following statements:

- Sikkim has the minimum area among the 28 Indian States (Delhi and Pondicherry not included)
- Chandigarh had the highest literacy rate among Pondicherry, NCT of Delhi and other Union Territories.
- Maharashtra has the highest population after Uttar Pradesh among the 28 Indian States (Delhi and Pondicherry not included)

Which of the statements given above is/are correct?

- | | |
|--------------|----------------|
| (a) I and II | (b) II and III |
| (c) I only | (d) III only |

46. Match *List I (Centre of Handicrafts)* with *List II (State)* and select the correct answer using the codes given below the Lists:

- | <i>List I (Centre of Handicrafts)</i> | <i>List II (State)</i> |
|---------------------------------------|------------------------|
| I. Mon | (A) Arunachal Pradesh |
| II. Nalbari | (B) Assam |
| III. Pasighat | (C) Meghalaya |
| IV. Tura | (D) Nagaland |

Codes :

- | | |
|----------------------------|----------------------------|
| (a) I-D, II-B, III-A, IV-C | (b) I-A, II-C, III-D, IV-B |
| (c) I-D, II-C, III-A, IV-B | (d) I-A, II-B, III-d, IV-C |

47. Which one of the following pairs is correctly matched?

- | | | |
|------------------------------|---|------------------|
| (a) Vikramasila Monastery | : | Uttar Pradesh |
| (b) Hemkund Gurudawara | : | Himachal Pradesh |
| (c) Udayagiri Caves | : | Maharashtra |
| (d) Amaravati Buddhist Stupa | : | Andhra Pradesh |

48. Consider the following statements:

- The Rajya Sabha alone has the power to declare that it would be in national interest for the Parliament to legislature with respect to a matter in the State List.
- Resolutions approving the Proclamation of Emergency are passed only by the Lok Sabha.

Which of the statements given above is/are correct?

- | | |
|-------------------|----------------------|
| (a) I only | (b) II only |
| (c) Both I and II | (d) Neither I nor II |

49. Whom did Croatia defeat in the Davis Cup 2005 finals to win the Davis Cup-2005?
 (a) United States of America (b) Slovak Republic
 (c) Argentina (d) Spain
50. Who among the following is a Hindustani classical singer?
 (a) Geeta Chandran (b) Leela Samson
 (c) Gangubhai Hangal (d) Swapnasundari
51. In which State is the Rajiv Gandhi National Institute of Youth Development located?
 (a) Tamil Nadu (b) Karnataka
 (c) Himachal Pradesh (d) Uttaranchal
52. Which one of the following Indian banks is *not* nationalized bank?
 (a) Corporation Bank (b) Dena Bank
 (c) Federal Bank (d) Vijaya Bank
53. Zayed bin Sultan-al-Nahayan was a long serving President of which of the following?
 (a) Oman (b) Kuwait
 (c) United Arab Emirates (d) Saudi Arabia
54. In which one of the following areas did the Indira Gandhi Centre for Atomic Research make significant progress in the year 2005?
 (a) Reprocessing the uranium-plutonium mixed carbide fuel of the Fast Breeder Test Reactor.
 (b) New applications of radioisotopes in metallurgy.
 (c) A new technology for production of heavy water.
 (d) A new technology for high level nuclear waste management.
55. What is IndoNext which was launched in Jan.2005?
 (a) A new scheme to promote Indian tourism.
 (b) A new scheme to promote export of Indian handicrafts.
 (c) An association of the Non-Resident Indians to organize Pravasi Bharatiya Divas every year in India.
 (d) An alternative trading platform being promoted by the Bombay Stock Exchange and Regional Stock Exchanges.
56. In which one of the following oceans is Diamantina Trench situated?
 (a) Pacific Ocean (b) Atlantic Ocean
 (c) Indian Ocean (d) Arctic Ocean
57. Consider the following statements:
 I. Petronet LNG Ltd is setting up another LNG terminal at Mangalore.
 II. The Head Office of the Dredging Corporation of India is at Visakhapatnam.
 III. The Narwapahar Mine is operated by the Uranium Corporation of India limited.
- Which of the statements given above are correct?
 (a) I, II and III (b) I and II only
 (c) II and III only (d) I and III only
58. Which one of the following statements is correct?
 Fiscal Responsibility and Budget Management Act (FRBMA) concerns
 (a) fiscal deficit only
 (b) revenue deficit only
 (c) both fiscal deficit and revenue deficit
 (d) neither fiscal deficit nor revenue deficit

59. What does the 104th Constitution Amendment Bill relate for?
- Abolition of Legislative Councils in certain States.
 - Introduction of dual citizenship for persons of Indian origin living outside India.
 - Providing quota to socially and educationally backward classes in private educational institutions.
 - Providing quota for religious minorities in the services under the Central Government.
60. Consider the following statements in respect of welfare schemes launched by the Ministry of Rural Development, Government of India:
- Drinking water for rural areas is one of the component of the Bharat Nirman Plan.
 - In the National Rural Employment Guarantee Act, 2005 there is a provision that the statutory minimum wage applicable to agricultural workers in the State has to be paid to the workers under the Act.

Which of the statements given above is/are correct?

- I only
- II only
- Both I and II
- Neither I nor II

Directions. Q61-66: The following six questions consist of two statements, one labeled as the *Assertion (A)* and the other as *Reason (R)*. You are to examine these two statements carefully and select the answer to these items using the codes given below:

Codes:

- Both A and R are individually true R is the correct explanation of A.
- Both A and R are individually true R is *not* the correct explanation of A.
- A is true but R is false.
- A is false but R is true.

61. Assertion(A): The percentage of net sown area in the total area of Andhra Pradesh is less as compared to that of West Bengal.
Reason(R): The soil of Andhra Pradesh is laterite.
- (A) (B) (C) (D)
62. Assertion(A): Muhammad bin Tughlaq issued a new gold coin which was called Dinar by Ibn Batutah.
Reason(R): Muhammad bin Tughlaq wanted to issue token currency in gold coins to promote trade with West Asian and North African countries.
- (A) (B) (C) (D)
63. Assertion(A): Cellulose is used in making shatter-proof glass.
Reason(R): Polysaccharides are not soluble in water.
- (A) (B) (C) (D)
64. Assertion(A): To orbit around the Sun, the planet Mars takes lesser time than the time taken by the Earth.
Reason(R): The diameter of the planet Mars is less than that of the Earth.
- (A) (B) (C) (D)
65. Assertion(A): In India, every State has a High Court in its territory.
Reason(R): The Constitution of India provides for a High Court in each State.
- (A) (B) (C) (D)

66. Assertion(A): 'Balance of Payments' represents a better picture of a country's economic transactions with the rest of the world than the 'Balance of Trade'.
Reason(R): 'Balance of Payments' takes into account the exchange of both visible and invisible items whereas 'Balance of Trade' does not.
- (A) (B) (C) (D)
67. In a tournament each of the participants was to play one match against each of the other participants. 3 players fell ill after each of them had played three matches and had to leave the tournament. What was the total number of participants at the beginning, if the total number of matches played was 75?
- (a) 8 (b) 10
(c) 12 (d) 15
68. P, Q, R, S and T reside in a 5-storeyed (Ground + 4) building, and each of them resides on a separate floor. Further,
I. T does not reside on the top-most floor.
II. Q does not reside on the ground floor.
III. S resides on one storey above that of P and one storey below that of R.
- To know as to which one of the five persons reside on the ground floor which of the above statements are sufficient/insufficient?
- (a) I and III are sufficient.
(b) II and III are sufficient.
(c) I, II and III are sufficient.
(d) I, II and III are insufficient.
69. A box contains five set of balls while there are three balls in each set. Each set of balls has one colour which is different from every other set. What is the least number of balls that must be removed from the box in order to claim with certainty that a pair of balls of the same colour has been removed?
- (a) 6 (b) 7
(c) 8 (d) 9
70. Which one of the following countries is *not* a member of ASEAN?
- (A) Vietnam (b) Brunei Darussalam
(c) Bangladesh (d) Myanmar
71. Consider the following statements in respect of India's advanced satellite INSAT-4A.
I. INSAT-4A was launched in Dec-2005 from New Mexico.
II. The European commercial launched service provider Arianespace was associated with the launch of INSAT-4A.
III. Tata-Sky – a digital cable service provider is associated with DTH television broadcasting services from INSAT-4A.
- Which of the statements given above are *correct*?
- (a) I, II and III (b) I and II only
(c) II and III only (d) I and III only
72. Match List I (Person) with List II (Organisation/Area of work) and select the correct answer using the codes given below the Lists:
- | List I (Person) | List II (Organisation/Area of work) |
|-------------------|-------------------------------------|
| I. Chanda Kochhar | (A) Advertising |
| II. Amrita Patel | (B) Banking |
| III. Indra Nooyi | (C) Dairy Development |

IV. Piyust Pandey (D) PepsiCo

Codes :

- | | |
|----------------------------|----------------------------|
| (a) I-B, II-A, III-D, IV-C | (b) I-D, II-C, III-B, IV-A |
| (c) I-B, II-C, III-D, IV-A | (d) I-D, II-A, III-B, IV-C |

73. To which one of the following processes is the term CMYK related?
- | | |
|-----------------------|----------------------------------|
| (a) Railway signaling | (b) Navigation |
| (c) Offset printing | (d) Electronic voting statements |
74. Consider the following statements:
- I. Kofi Annam – the UN Secretary General is from Nigeria.
 - II. Kofi Annam is the first UN Secretary General to be appointed from the ranks of the United Nations staff.
 - III. Kofi Annam was appointed for a second term to the office of the UN Secretary General.
- Which of the statements given above are correct?
- | | |
|---------------------|-------------------|
| (a) I, II and III | (b) I and II only |
| (c) II and III only | (d) None of these |
75. Which one of the following countries is *not* a participating team in the Football World Cup-2006 to be held in Germany in June-July 2006?
- | | |
|-----------------|-----------------|
| (a) Russia | (b) Togo |
| (c) Ivory Coast | (d) Switzerland |
76. Consider the following statements:
- I. The Nodel Prize awarding ceremony takes place on Dec-10 of every year.
 - II. The Nobel Prize for Literature was added later on to the other five areas – Physics, Chemistry, Physiology or Medicine, Peace and Economics.
- Which of the statements given above is/are correct?
- | | |
|-------------------|----------------------|
| (a) I only | (b) II only |
| (c) Both I and II | (d) Neither I nor II |
77. The Allahabad Pillar inscription is associated with which one of the following?
- | | |
|---------------------|-------------------------|
| (a) Mahapadma Nanda | (b) Chandragupta Maurya |
| (c) Ashoka | (d) Samudragupta |
78. What is the Medecins Sans Frontieres (MSF)?
- (a) An agency formed by the International Olympic Committee (IOC) to check misuse of drugs by sportspersons.
 - (b) A non-government organization which specializes in international which specializes in international humanitarian aid and emergency medical assistance.
 - (c) An organization to develop applications of nanotechnology in medicine.
 - (d) An organization of medical practioners funded by the European Union which carries out research against spread of AIDS.
79. Bermuda triangle extends up to which of the following places?
- I. Southern Florida
 - II. Puerto Rico
 - III. Hawaii Islands

Select the correct answer using the codes given below:

- | | |
|-------------------|-------------------|
| (a) I, II and III | (b) I and II only |
|-------------------|-------------------|

- (c) II and III only (d) I and III only

80. Consider the following statements:

- I. ELISA test is employed as the first and most basic test for an individual to detect cancer.
 II. Almost 50 per cent of human beings have Rh+ blood while the remaining have Rh- blood.

Which of the statements given above is/are correct?

- (a) I only (b) II only
 (c) Both I and II (d) Neither I nor II

81. Which one of the following is printed on a commonly used fluorescent tube-light?

- (a) 220 K (b) 273 K
 (c) 6500 K (d) 9000 K

82. In which one of the following film did the Nobel laureate Pearl S. Buck collaborate?

- (a) Shatranj Ke Khilari (b) Guide
 (c) Lawrence of Arabia (d) Titanic

83. Which one of the following countries is *not* a member of the Nordic Council?

- (a) Norway (b) Denmark
 (c) Iceland (d) The UK

84. Which one among the following was the first to legalise euthanasia?

- (a) Austria (b) Switzerland
 (c) The Netherlands (d) Canada

85. Claims to the historical Macedonian territory have been a bone of contention between which of the following countries?

- (a) Portugal and Spain (b) Bulgaria and Greece
 (c) Romania and Bulgaria (d) Portugal and Greece

86. Huangpu River flows through which one of the following cities?

- (a) Beijing (b) Ho Chi Minh City
 (c) Shanghai (d) Manila

87. Which one of the following countries is the leading producer of uranium?

- (a) United States of America (b) Canada
 (c) Germany (d) Zambia

88. There are three parallel straight lines. Two points A and B are marked on the first line, points C and D are marked on the second line and points E and F are marked on the third line. Each of these six points can move to any position on its respective straight line.

Consider the following statements:

- I. The maximum number of triangles that can be drawn by joining these points is 18.
 II. The maximum number of triangles that can be drawn by joining these points is zero.

Which of the statements given above is/are correct?

- (a) I only (b) II only
 (c) Both I and II (d) Neither I nor II

89. A mixed doubles tennis games is to be played between two teams (each team consists of one male and one female). There are four married couples. No team is to consist of a husband and his wife. What is the maximum number of games that can be played?

- | | | | |
|-----|----|-----|----|
| (a) | 12 | (b) | 21 |
| (c) | 36 | (d) | 42 |

90. In an office, the number of persons who take tea is twice the number of persons who take only coffee. The number of persons who take coffee is twice the number of persons who take only tea. Consider the following statement:

- I. The sum of the number of persons who take either tea or coffee or both is four times the number of persons who take both coffee and tea.
 II. The sum of the number of persons who take only coffee and those who take only tea is twice the number of persons who take both tea and coffee.

Which of the statements given above is/are correct?

- | | | | |
|-----|---------------|-----|------------------|
| (a) | I only | (b) | II only |
| (c) | Both I and II | (d) | Neither I nor II |

91. Consider the following statements:

- I. Appellate Tribunal for Electricity has been established by each State Government in India.
 II. One of the components of the Accelerated Power Development and Reforms Programme (APDRP) is upgradation of sub-transmission and distribution system for electricity in India.

Which of the statements given above is/are correct?

- | | | | |
|-----|---------------|-----|------------------|
| (a) | I only | (b) | II only |
| (c) | Both I and II | (d) | Neither I nor II |

92. Which one of the following pairs is *not* correctly matched?

- | <i>Monastery</i> | <i>State</i> |
|-----------------------|---------------------|
| (a) Dhankar Monastery | : Himachal Pradesh |
| (b) Rumtek Monastery | : Sikkim |
| (c) Tabo Monastery | : Himachal Pradesh |
| (d) Kye Monastery | : Arunachal Pradesh |

93. Match *List I (Valley)* with *List II (State)* and select the correct answer using the codes given below the Lists:

- | <i>List I (Valley)</i> | <i>List II (State)</i> |
|------------------------|------------------------|
| I. Markha Valley | (A) Sikkim |
| II. Dzukou Valley | (B) Himachal Pradesh |
| III. Sangla Valley | (C) Jammu and Kashmir |
| IV. Yumthang Valley | (D) Nagaland |

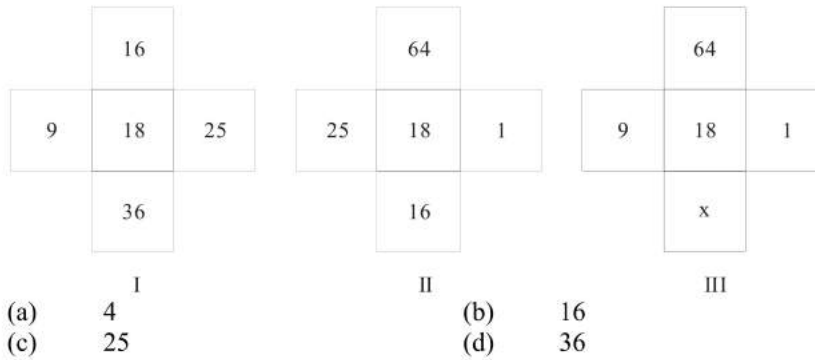
Codes :

- | | | | |
|-----|------------------------|-----|------------------------|
| (a) | I-B, II-D, III-C, IV-A | (b) | I-C, II-A, III-B, IV-A |
| (c) | I-B, II-A, III-C, IV-D | (d) | I-C, II-D, III-B, IV-A |

94. 3 digits are chosen at random from 1, 2, 3, 4, 5, 6, 7, 8 and 9 without repeating any digit. What is the probability that their product is odd?

- | | | | |
|-----|----------------|-----|-----------------|
| (a) | $\frac{2}{3}$ | (b) | $\frac{5}{108}$ |
| (c) | $\frac{5}{42}$ | (d) | $\frac{7}{48}$ |

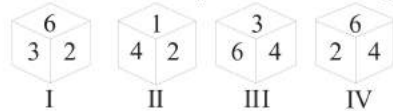
95. What is the value of X in figure III?



96. Which one of the following statements is *not* correct?
- Mahanadi River rises in Chhattisgrah
 - Godavari River rises in Maharashtra
 - Cauvery River rises in Andhra Pradesh
 - Tapti River rises in Madhya Pradesh
97. Where is Bundala Biosphere Reserve which has been recently added to the UNESCO's Man and Biosphere (MAB) network, located?
- Russia
 - India
 - Sri Lanka
 - Bangladesh
98. Consider the following statements:
- According to the Census 2001, Kerala has the smallest gap in male and female literacy rates among the 28 States in India (Delhi and Pondicherry not included).
 - According to the Census 2001, Rajasthan has literacy rate above the national average literacy rate.
- Which of the Statements given above is/are correct?
- I only
 - II only
 - Both I and II
 - Neither I nor II
99. Consider the following statements in respect of the National Rural Employment Guarantee Act, 2005.
- Under the provisions of the Act, 100 days of employment in a year to every household whose adult members volunteer to do unskilled manual work has become a fundamental right.
 - Under the provisions of the Act, women are to get priority to the extent that one-half of persons who are given employment are women who have asked for work.
- Which of the statements given above is/are correct?
- I only
 - II only
 - Both I and II
 - Neither I nor II
100. Which one of the following is the correct chronological order of the Afghan rulers to the throne of Delhi?
- Sikandar Shah – Ibrahim Lodi – Bahlol Khan Lodi
 - Sikandar Shah – Bahlol Khan Lodi – Ibrahim Lodi
 - Bahlol Khan Lodi – Sikandar Shah – Ibrahim Lodi
 - Bahiol Khan Lodi – Ibrahim Lodi – Sikandar Shah
101. Bhakta Tukaram was a contemporary of which Mughal Emperor?
- Babar
 - Akbar
 - Jahangir
 - Aurangzeb

102. In Indian history, who was Abdul Hamid Lahori?
- An important military commander during Akbar's reign
 - An official historian of the reign of Shah Jahan
 - An important noble and confidant of Aurangzeb
 - A chronicler and poet during the reign of Muhammad Shah

103. Each of the six faces of a cube is numbered by one of the six digits from 1 to 6. This cube is shown in its four different positions in the figures I, II, III and IV.



Consider the following statements:

- Figures II and III are sufficient to know as to which face is opposite to the face numbered 6.
- Figure II and III are sufficient to know as to which face is opposite to the face numbered 4.
- Figures I and IV are sufficient to know as to which face is opposite to the face numbered 3.

Which of the statements given are correct?

- I and III only
 - I and II only
 - II and III only
 - I, II and III
104. Who was the Governor-General of India during the Sepoy Mutiny?
- Lord Canning
 - Lord Dalhousie
 - Lord Hardinge
 - Lord Lytton
105. Consider the following statements about Madam Bhikaji Cama:
- Madam Cama unfurled the National Flag at the International Socialist Conference in Paris in the year 1907.
 - Madam Cama served as private secretary to Dadabhai Naroji.
 - Madam Cama was born to Parsi parents.

Which of the statements given above is/are correct?

- I, II and III
 - II and III only
 - I and II only
 - III only
106. "Lectures from Colombo to Almora" is based on the experiences of which one of the following?
- Veer Savarkar
 - Annie Besant
 - Ramkrishna Paramhansa
 - Swami Vivekananda

107. Match List I (Leading Women Lawn Tennis Player) with List II (Country) and select the correct answer using the codes given below the Lists:

List I (Leading Women Lawn Tennis Player)	List II (Country)
I. Daniela Hantuchova	(A) Russia
II. Patty Schnyder	(B) Slovakia
III. Nadia Petrova	(C) France
IV. Amelie Mauresmo	(D) Switzerland

Codes:

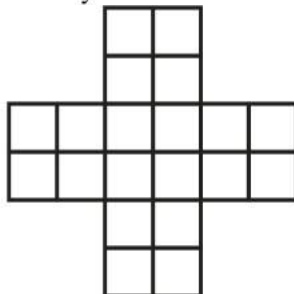
- I-B, II-A, III-D, IV-C
- I-C, II-D, III-A, IV-B
- I-B, II-D, III-A, IV-C
- I-C, II-A, III-D, IV-B

108. Each of the five persons A, B, C, D and E possesses unequal number (<10) of similar items. A, B and C possess 21 items in all, while C, D and E possess 7 items in all. How many items do A and B possess in all?
- (a) 15 (b) 17
(c) 18 (d) Data is insufficient
109. There are 8 equidistant points A, B, C, D, E, F, G and H in the clock wise direction on the periphery of a circle. In a time interval t , a person reaches from A to C with uniform motion while another person reaches the point E from the point B during the same time interval with uniform motion. Both the persons move in the same direction along the circumference of the circle and start at the same instant. How much time after the start, will the two persons meet each other?
- (a) $4t$ (b) $7t$
(c) $9t$ (d) Never
110. Consider the following statements:
- I. Free and compulsory education to the children of 6-14 years age group by the State was made a Fundamental Right by the 75th Amendment to the Constitution of India.
II. Sarva Shiksha Abhiyan seeks to provide computer education even in rural areas.
III. Education was included in the Concurrent List by the 42nd Amendment, 1976 to the Constitution of India.
- Which of the statements given above are *correct*?
- (a) I, II and III (b) I and II only
(c) II and III only (d) I and III only
111. Which one of the following is *not* a Central University?
- (a) Pondicherry University
(b) Maulana Azad National Urdu University, Hyderabad
(c) Visva Bharti, Shantiniketan
(d) University of Madras, Chennai
112. In a question paper, there are four multiple-choice questions. Each question has five choices with only one choice for its correct answer. What is the total number of ways in which a candidate will *not* get all the four answers correct?
- (a) 19 (b) 120
(c) 624 (d) 1024
113. Match *List I (Person)* with *List II (Area of Work)* and select the correct answer using the codes given below the Lists:
- | <i>List I (Person)</i> | <i>List II (Area of Work)</i> |
|------------------------|---|
| I. Ela Bhatt | (A) Theatre Training |
| II. Mahasweta Devi | (B) Women's labour sector |
| III. Ebrahim Alkazi | (C) Management teaching |
| IV. Vijay Govindarajan | (D) Litterateur and social workers for the country's tribal communities |
- Codes:
- (a) I-C, II-A, III-D, IV-B (b) I-B, II-D, III-A, IV-C
(c) I-C, II-D, III-A, IV-B (d) I-B, II-A, III-D, IV-C
114. Who was the Chief Justice of India when Public Interest Litigation (PIL) was introduced to the Indian Judicial System?
- (a) M.Hidayatullah (b) A.M.Ahmadi
(c) A.S.Anand (d) P.N.Bhagwati

115. What is the name of the vessel that delivers the nutrient rich blood from the stomach and small intestine to the liver?
- (a) Left hepatic artery (b) Hepatic vein
(c) Right hepatic artery (d) Hepatic portal vein
116. Consider the following statements with reference to human body:
- I. The common bile duct releases its contents into stomach.
II. The pancreatic duct releases its contents into duodenum.
- Which of the statements given above is/are correct?
- (a) I only (b) II only
(c) Both I and II (d) Neither I nor II
117. A watch showed a time of fourteen minutes past nine (9 hrs and 14 mins). The positions of the hour-hand and the minute-hand of the watch are exactly interchanged. The new time shown by the watch is closest to which one of the following?
- (a) Twelve minutes to three (b) Thirteen minutes to three
(c) Fourteen minutes to three (d) Fifteen minutes to three
118. Consider the following statements:
- I. The agreement on South Asian Free Trade Area (SAFTA) came into effect from Dec. 1, 2005.
II. As per SAFTA agreement terms, India, Pakistan and Sri Lanka have to decrease their custom duties to the level of 0 to 5 per cent by the year 2013.
- Which of the statements given above is/are correct?
- (a) I only (b) II only
(c) Both I and II (d) Neither I nor II
119. Which one of the following pairs is *not* correctly matched?
- | <i>Recent Scientific Achievements</i> | <i>The Country</i> |
|---|----------------------------|
| (a) Creating the world's first human chromosome | : United Kingdom |
| (b) Cloning a human embryo for the first time | : Germany |
| (c) Guiding a spacecraft for collision with a comet | : United States of America |
| (d) Landing a spacecraft on an asteroid | : Japan |
120. Which one among the following is *not* a good source of nutritional calcium?
- (a) Rice (b) Ragi
(c) Skimmed milk (d) Egg
121. Which of the following pairs is/are correctly matched?
- | <i>Inventor</i> | <i>Invention</i> |
|--------------------------|------------------|
| I. Christopher Cockerell | (A) Hovercraft |
| II. David Bushnell | (B) Submarine |
| III. J.C.Perrier | (C) Steamship |
- Select the correct answer by using the codes given below:
- (a) I, II and III (b) I and II only
(c) II and III only (d) I and III only
122. Which one among the following Commissions was set up in pursuance of a definite provision under an Article of the Constitution of India?
- (a) University Grants Commission
(b) National Human Rights Commission
(c) Election Commission
(d) Central Vigilance Commission

123. Who among the following wrote "The Communist Manifesto" along with Karl Marx?
 (a) Emile Durkheim (b) Friedrich Engeles
 (c) Robert Owen (d) Max Weber
124. Which portfolio was held by Dr. Rahendra Prasad in the Interim Government formed in the year 1946?
 (a) Defence
 (b) External Affairs and Commonwealth Relations
 (c) Food and Agriculture
 (d) None of these
125. Who among the following was presented with the Sangeet Natak Akademi Ratna Award, 2005 for her lifetime achievement in dance?
 (a) Chandralekha (b) Tanjavur Balasaraswati
 (c) Uma Sharma (d) Yamini Krishnamurthy
126. Which one of the following countries is the first country in the world to propose a carbon tax for its people to address global warming?
 (a) Australia (b) Germany
 (c) Japan (d) New Zealand
127. Consider the following statements:
 I. A person who has held office as a permanent Judge of a High Court cannot be pleaded or act in any court or before any authority in India except the Supreme Court.
 II. A person is not qualified for appointment as a Judge of a High Court in India unless he has for at least five years held a judicial office in the territory of India.
- Which of the statements given above is/are correct?
 (a) I only (b) II only
 (c) Both I and II (d) Neither I nor II

128. Each of 8 identical balls is to be placed in the squares shown in the figures given in a horizontal direction such that one horizontal row contains 6 balls and the other horizontal row contains 2 balls. In how many maximum different ways can this be done?



- (a) 38 (b) 28
 (c) 16 (d) 14
129. Which one of the following pairs is *not* correctly matched?
 (a) Slovenia : Bratislava
 (b) Seychelles : Victoria
 (c) Sierra Leone : Freetown
 (d) Uzbekistan : Tashkent
130. Who is Wole Soyinka?
 (a) A well-known economist (b) A well-known football player

- (c) A well known industrialist owning steel plants in many parts of the world
- (d) A Nobel Prize winner for literature

131. Consider the following statements:

- I. Length of a terrestrial mile is lesser than that of a nautical mile.
- II. Harmattan is a dusty land-wind of the East African Coast.
- III. Greece and Albania form a part of the Iberian Peninsula.

Which of the statements given above is/are correct?

- (a) I, II and III
- (b) II and III only
- (c) III only
- (d) I only

132. Which of the following pairs is *not* correctly matched?

- | <i>Well-known Company</i> | <i>Major Area of Work</i> |
|---------------------------|----------------------------|
| (a) Adobe Systems India | : Software |
| (b) Sasken | : Communication technology |
| (c) Genpact | : Power Generation |
| (d) Synthite | : Export of spices |

133. Match *List I (National Park/Wildlife Sanctuary)* with *List II (Nearby Town)* and select the correct answer using the codes following the Lists:

- | <i>List I (National Park/Wildlife Sanctuary)</i> | <i>List II (Nearby Town)</i> |
|--|------------------------------|
| I. Chandra Prabha | (A) Jaipur |
| II. Kerera | (B) Jhansi |
| III. Jaisamand | (C) Agra |
| IV. Nahargarh | (D) Varanasi |
| | (E) Udaipur |

Codes:

- (a) I-D, II-A, III-E, IV-B
- (b) I-E, II-B, III-C, IV-A
- (c) I-D, II-B, III-E, IV-A
- (d) I-E, II-A, III-C, IV-B

134. Match *List I (Author)* with *List II (Book)* and select the correct answer using the codes given below the Lists:

- | <i>List I (Author)</i> | <i>List II (Book)</i> |
|------------------------|---|
| I. Amartya Sen | (A) An Ordinary Person's Guide to Empire |
| II. Bimal Jalan | (B) The Argumentative India |
| III. Arundhati Roy | (C) The Future of India |
| IV. Mani Shankar Aiyar | (D) Confessions of a Secular Fundamentalist |

Codes:

- (a) I-C, II-B, III-A, IV-D
- (b) I-B, II-C, III-A, IV-D
- (c) I-C, II-B, III-D, IV-A
- (d) I-B, II-C, III-D, IV-A

135. Which one of the following countries is *not* member of the Commonwealth of Independent States (CIS)?

- (a) Armenia
- (b) Belarus
- (c) Estonia
- (d) Georgia

136. Consider the following statements:

- I. In India, during the financial year 2004-05 an increase of below 10 per cent over the value of exports (in rupee terms) in the financial year 2003-04 was reported.
- II. According to the WTO, India's share in the world merchandise exports crossed two per cent in the year 2005.

Which of the statements given above is/are correct?

- (a) I only (b) II only
(c) Both I and II (d) Neither I nor II
137. Consider the following statements:
I. Meningococcal Meningitis is transmitted from person to person by mosquito bites.
II. Vomiting and neck pain are two of the symptoms of Meningococcal Meningitis.
- Which of the statements given above is/are correct?
(a) I only (b) II only
(c) Both I and II (d) Neither I nor II
138. What was the main reason for which Niger was in the news in recent times?
(a) Many deaths due to AIDS (b) Fierce Civil War
(c) Intense fighting with Algeria (d) Famine and starvation
139. Which one of the following is *not* correctly matched?
- | Prominent Indian Writer | Language |
|------------------------------|--------------|
| I. Raja Rao | (A) Telugu |
| II. Gobind Trimbuk Deshpande | (B) Marathi |
| III. Subramaniam | (C) Tamil |
| IV. Tara Shankar Joshi | (D) Gujarati |
140. Match List I (Finding/Invention/Calculation) with List II (Ancient Indian Scholar) and select the correct answer using the codes given below the Lists:
- | List I (Finding/Invention/Calculation) | List II (Ancient Indian Scholar) |
|--|----------------------------------|
| I. Time taken by the Earth to orbit the Sun | (A) Aryabhatta |
| II. Calculation of the value of π ('pi') | (B) Bhaskaracharya |
| III. Invention of digit zero | (C) Budhayana |
| IV. The game of snakes and ladders | (D) Gyandev |
- Codes:
- (a) I-B, II-D, III-A, IV-C (b) I-A, II-C, III-B, IV-D
(c) I-B, II-C, III-A, IV-D (d) I-A, II-D, III-B, IV-C
141. What is the approximate mean velocity with which the Earth moves round the Sun in its orbit?
(a) 20 km/s (b) 30 km/s
(c) 40 km/s (d) 50 km/s
142. From north towards south, which one of the following is the correct sequence of the given rivers in India?
(a) Shyok-Spiti-Zaskar-Satluj (b) Shyok-Zaskar-Spiti-Satluj
(c) Zaskar-Shyok-Satluj-Spiti (d) Zaskar-Satluj-Shyok-Spiti
143. Through which one of the following groups of countries does the Equator pass?
(a) Brazil, Zambia and Malaysia (b) Columbia, Kenya and Indonesia
(c) Brazil, Sudan and Malaysia (d) Venezuela, Ethiopia and Indonesia
144. Which one of the following pairs is *not* correctly matched?
- | Well known Place | Country |
|------------------|-----------------|
| (a) Baikonour | : Russia |
| (b) Kourou | : French Guiana |
| (c) Borobudur | : Indonesia |
| (d) Cannes | : France |
145. Other than India and China, which of the following groups of countries border Myanmar?
(a) Bangladesh, Thailand and Vietnam

- (b) Cambodia, Laos and Malaysia
 (c) Thailand, Vietnam and Malaysia
 (d) Thailand, Laos and Bangladesh
146. Match *List I* with *List II* and select the correct answer using the Codes given below the Lists:
- | <i>List I</i> | | <i>List II</i> | |
|---------------|---------------------|----------------|--|
| I. | Harold Pinter | (A) | Director General FAO |
| II. | Jacques Diouf | (B) | President, European Commission |
| III. | Jose Manuel Barroso | (C) | World Bank appointed expert for adjudicating on the Baglihar Hydel Project |
| IV. | Raymond Lafittee | (D) | Litterateur |
- Codes:*
- | | | | |
|-----|------------------------|-----|------------------------|
| (a) | I-D, II-C, III-B, IV-A | (b) | I-B, II-A, III-D, IV-C |
| (c) | I-D, II-A, III-B, IV-C | (d) | I-B, II-C, III-D, IV-A |
147. Consider the following statements:
- Life Insurance Corporation of India is the oldest insurance company in India.
 - National Insurance Company Limited was nationalised in the year 1972 and made a subsidiary of General Insurance Corporation of India.
 - Headquarters of United India Insurance Company Limited are located at Chennai.
- Which of the statements given above are correct?
- | | | | |
|-----|-----------------|-----|----------------|
| (a) | I, II and III | (b) | I and II only |
| (c) | II and III only | (d) | I and III only |
148. Which one of the following pairs is *not* correctly matched?
- | <i>Railway Zone</i> | <i>Headquarters</i> |
|--------------------------------|---------------------|
| (a) North Eastern Railway | : Gorakhpur |
| (b) South Eastern Railway | : Bhubaneswar |
| (c) Eastern Railway | : Kolkata |
| (d) South East Central Railway | : Bilaspur |
149. Which one of the following is the correct statement?
- Service Tax is a/an
- | | |
|-----|---|
| (a) | Direct Tax levied by the Central Government |
| (b) | Indirect Tax levied by the Central Government |
| (c) | Direct Tax levied by the State Government |
| (d) | Indirect Tax levied by the State Government |
150. Which one of the following pairs is *not* correctly matched?
- | | | |
|-----|-----------------|--------------------|
| (a) | Sigmund Freud | : Psychoanalysis |
| (b) | Anna Freud | : Child psychiatry |
| (c) | Milton Friedman | : Economics |
| (d) | Eric R. Kandel | : Literature |

A N S W E R S

- | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1. | (d) | 9. | (b) | 17. | (c) | 25. | (a) | 33. | (c) | 41. | (d) |
| 2. | (a) | 10. | (b) | 18. | (c) | 26. | (b) | 34. | (d) | 42. | (b) |
| 3. | (b) | 11. | (b) | 19. | (c) | 27. | (d) | 35. | (c) | 43. | (b) |
| 4. | (b) | 12. | (d) | 20. | (c) | 28. | (b) | 36. | (b) | 44. | (c) |
| 5. | (a) | 13. | (a) | 21. | (c) | 29. | (a) | 37. | (b) | 45. | (b) |
| 6. | (a) | 14. | (d) | 22. | (c) | 30. | (a) | 38. | (c) | 46. | (a) |
| 7. | (b) | 15. | (d) | 23. | (a) | 31. | (c) | 39. | (a) | 47. | (d) |
| 8. | (b) | 16. | (b) | 24. | (d) | 32. | (d) | 40. | (c) | 48. | (a) |

49.	(b)	66.	(a)	83.	(d)	100.	(c)	117.	(c)	134.	(b)
50.	(c)	67.	(d)	84.	(c)	101.	(d)	118.	(b)	135.	(c)
51.	(a)	68.	(d)	85.	(b)	102.	(b)	119.	(b)	136.	(a)
52.	(c)	69.	(a)	86.	(c)	103.	(d)	120.	(b)	137.	(b)
53.	(c)	70.	(c)	87.	(b)	104.	(a)	121.	(b)	138.	(d)
54.	(a)	71.	(a)	88.	(b)	105.	(b)	122.	(c)	139.	(a)
55.	(a)	72.	(c)	89.	(d)	106.	(d)	123.	(b)	140.	(b)
56.	(a)	73.	(c)	90.	(b)	107.	(c)	124.	(c)	141.	(b)
57.	(a)	74.	(c)	91.	(b)	108.	(b)	125.	(a)	142.	(c)
58.	(a)	75.	(a)	92.	(d)	109.	(b)	126.	(a)	143.	(b)
59.	(c)	76.	(a)	93.	(d)	110.	(c)	127.	(a)	144.	(a)
60.	(c)	77.	(d)	94.	(c)	111.	(a)	128.	(a)	145.	(d)
61.	(b)	78.	(b)	95.	(d)	112.	(c)	129.	(a)	146.	(c)
62.	(c)	79.	(b)	96.	(c)	113.	(b)	130.	(d)	147.	(a)
63.	(c)	80.	(b)	97.	(c)	114.	(d)	131.	(d)	148.	(b)
64.	(d)	81.	(b)	98.	(a)	115.	(d)	132.	(d)	149.	(a)
65.	(a)	82.	(c)	99.	(d)	116.	(c)	133.	(c)	150.	(d)