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UPSC NDA Exam 2006-I General Ability Test Solved Paper



General Ability Test

PART 'A'

SYNONYMS

Directions (For the next 9 items): Each of the following nine items consists of a word or a group of words in capital letters, followed by four words or groups of words. Select the word or group of words that is most similar in meaning to the word in capital

- 1. DEBONAIR
- (b) Candid
- (a) Bed-ridden (c) Elegant
- (d) Thrifty
- TO ASSUAGE
 - (a) To assume
- (b) To forget
- (c) To resolve
- (d) To mitigate
- 3. TO BROWBEAT
 - (a) To bully
 - (b) To chase
 - (c) To give a hint
 - (d) To revive old friendship
- 4. BEE IN ONE'S BONNET
 - (a) Sickness
- (b) Obsession
- (c) Misery
- (d) Freshness
- THE WORSE FOR WEAR
 - (a) Worrisome
 - (b) Financially poor
 - (c) Hostile
 - (d) Shabby from use
- TO JETTISON
 - (a) To go on trekking
- (b) To sail
- (c) To abandon
- (d) To fire a gun
- VICARIOUS
 - (a) Ambitious
 - (b) Not experienced personally
 - (c) Nostalgic
 - (d) Vindictive
- FORTY WINKS
 - (a) A person beyond 40 years of age
 - (b) A studious person
 - (c) Ordeals of life
 - (d) A short nap
- 9. CRAVEN
 - (a) Greedy
- (b) Cowardly
- (c) Flattering
- (d) Restless

ANTONYMS

Directions (For the next 9 items):

Each of the following nine items consists of a word or a group of words in capital letters, followed by four words or groups of words. Select the word or group of words that is most nearly opposite in meaning to the word in capital letters.

- 10. INORDINATE
 - (a) Distant
- (b) Facile
- (c) Moderate
- (d) Attractive
- 11. 'REDOUBTABLE
 - (a) Truthful
- (b) Crafty (d) Ordinary
- (c) Widely travelled
- 12. CONSANGUINE (a) Of different kind `
- (b) Invisible
- (c) Urbane
- (d) Untenanted
- 13. ON THE BLINK
 - (a) Apologetically
- (b) Blindly
- (c) Legally
- PREDILECTION
- (d) In working order
- (a) Analogy
- (b) Anticlimax
- (c) Antipathy
- (d) Argument
- SENILE
 - (a) Suspicious
- (b) Mentally alert
- (c) Corrupt .
- (d) Affluent
- BLITHESOME .
 - (a) Graceful
- (b) Sullen
- (c) Adventurous
- (d) Mammoth
- ADULATION
 - (a) Confusion
- (b) Inertia
- (c) Consolidation
- (d) Condemnation
- 18. PREPOSSESSING
 - (a) Incredible
- (b) Arousing envy
- (c) Unattractive
- (d) Recent

ORDERING OF WORDS IN A SENTENCE

Directions (For the next 9 items):

In the following items, some parts of the sentence have been jumbled up. You are required to re-arrange these parts which are labelled as P, Q, R and S to produce the correct sentence. Choose the proper sequence and mark in your Answer-sheet accordingly.

Example 'Z' has been solved for you.



| 7 | It is well-known that the effect is very bad | 22 | The difference and development on the other affects |
|--------|---|------|---|
| ۷. | (P) (Q) | ,23. | (P) |
| | on children of cinema | | in the relationship between death and birth rates on |
| | (R) (S) | • | the one hand |
| | Which one of the following is the correct sequence? | | (Q) |
| | (a) PSRQ (b) SPQR | • | but the age structure of the population |
| Evalar | (c) SRPQ (d) QSRP nation: | | (R) |
| Ехрии | The proper way of writing the sentence is "It is | | not just the rate of population growth |
| | well-known that the effect of cinema on children is very | | (S) |
| | bad". This is indicated by the sequence P S R Q. So (a) is | | Which one of the following is the correct sequence? |
| | the correct answer. | | (a) SRQP (b) QPSR |
| 19. | Many way to fuel growth | | (c) SPQR (d) QRSP |
| | (P) | 24. | Here another supposed discovery of 29 - inch footprints |
| | economists argue that and alleviate poverty | 47. | (P) |
| | (Q) (R) | | claim to have found in Kerala we go again with yet |
| | free trade is a magic bullet - the quickest | , | (Q) (R) |
| | (S) | | which a group of amateur anthropologists |
| | Which one of the following is the correct sequence? | | (S) |
| | (a) QPSR (b) RSPQ | | Which one of the following is the correct sequence? |
| | (c) QSPR (d) RPSQ | | (a) RQSP (b) SPRQ |
| 20. | As a maestro appeared to be enjoying every bit of it | | (c) RPSQ (d) SQRP |
| | (P) | 25. | |
| | and followed every composition the | | (P) |
| | (Q) | | writers and artists, through their imagination |
| | thunderous applause from | | (Q) transform the details of the into the world of art |
| | (R) | | |
| | an appreciative audience preceded | | (R) (S) |
| | (S) | | Which one of the following is the correct sequence? (a) SPRQ (b) QRPS |
| | Which one of the following is the correct sequence? | | (a) SPRQ (b) QRPS (c) SRPQ (d) QPRS |
| | (a) PQSR (b) RSQP | | against the state through the courts |
| | (c) PSQR (d) RQSP | 26. | Thus (P) |
| 21. | Keeping farmers to smoke their fields during | | of one's privacy against arbitrary intrusion by the police |
| | (P) | | (Q) |
| | in view the prevailing weather conditions | | the court emphasized that the security |
| | (Q) | | (R) |
| | agricultural experts have advised | | is basic to a free society and enforceable |
| | (R) the night to protect vegetables from cold | | (S) |
| | | | Which one of the following is the correct sequence? |
| | (S) | | (a) PQSR (b) RSQP |
| | Which one of the following is the correct sequence? (a) SRPQ (b) QPRS | | (c) PSQR (d) RQSP |
| | (a) SRPQ (b) QPRS (c) SPRQ (d) QRPS | 27. | The preference |
| 2.2 | stressful or joyful | | responsibilities of looking after parents in their old age |
| 22. | It is (P) | | (P) |
| | with the belief in the evanescence of life itself | | despite the fact that in a growing number of families |
| | (Q) | | (Q) |
| | | | at least in urban India, daughters are taking on the |
| | necessary to rise above the situations | | (R) |
| | (R) | | for the male child continues |
| | and in the philosophical of the purpose of life | | (S) |
| | (S) | | Which one of the following is the correct sequence? |
| | Which one of the following is the correct sequence? | | (a) SQRP (b) RPSQ |
| | (a) RPQS (b) QSRP | , | (c) SPRQ (d) RQSP |
| | (c) RSQP (d) QPRS | | |



SPOTTING ERRORS

Directions (For the next 10 items):

- (i) In this section a number of sentences are given. The sentences are underlined in three separate parts and each one is labelled as (a), (b) and (c). Read each sentence to find out whether there is an error in any underlined part. No sentence has more than one error. When you find an error in any one of the underlined parts (a), (b) or (c), indicate your response on the separate Answer-sheet at the appropriate space. You may feel that there is no error in a sentence. In that case letter (d) will signify a 'No error' response.
- (ii) You are to indicate only one response for each item in your Answer-sheet. (If you indicate more than one response, your answer will be considered wrong.) Errors may be in grammar, word usage or idioms. There may be a word missing or there may be a word which should be removed.
- (iii) You are not required to correct the error. You are required only to indicate your response on the Answer-sheet.

Example 'P' and 'Q' have been solved for you.

| P. | The young child | singed | a very sweet song. |
|----|-----------------|-----------|------------------------|
| P. | (a) | (b) | (c) |
| | No error. | | |
| | (d) | | |
| ^ | We worked | very hard | throughout the season. |
| Q. | (a) | (b) | (c) |
| | No error. | | |
| | (d) | | |

Explanation:

In item 'P', the word 'singed' is wrong. The letter under this part is (b); so (b) is the correct answer. Similarly, for item Q, (d) is the correct answer, as the sentence does not contain any error.

28. An unit is an abstract idea,

(a)

defined either by reference to

(b)

a randomly chosen material standard or to a natural phenomenon.

No error.

(d)

29. Microwaves are the principle carriers
(a)

of television, telephone and data transmissions

(c)

(b) between stations on earth and between the earth and satellites.

(c)

No error.

Mahavira was an advocate of nonviolence and vegetarianism, 30. (a) who revived and reorganized the Jain doctrine and established rules for their monastic order. (c) No error. (d) Amit has been deceiving Mona has not still tumbled to it. for many years but she (c) (b) No error. (d) A major contribution of Mathura sculptors of that period were the creation and popularization (b) of the Buddha's image in human form. No error. (d) I will try to put over some feelers to gauge (a) people's reactions to our proposal. No error. (d) The modern office block (a) sticks out like a sore thumb among the old buildings in the area. No error. (d) He estimated his income tax bill (a) by extrapolation over figures submitted in previous years. No error. (d) The two books are the same 36. (a) except for the fact that this (b) has an answer in the back. No error. (d) The Prime Minister's good looks won him the election but he has still to prove that he's not a just pretty face. No error. (c)



COMPREHENSION

Directions (For the next 5 items):

In this section you have a short passage. After the passage, you will find some questions based on the passage. First, read the passage and then answer the questions based on it. You are required to select your answers based on the contents of the passage and opinion of the author only.

Example 'I' and 'J' are solved for you.

PASSAGE

In our approach to life, be it pragmatic or otherwise, a basic fact that confronts us squarely and unmistakably is the desire for peace, security and happiness. Different forms of life at different levels of existence make up the teeming denizens of this earth of ours. And, no matter whether they belong to the higher groups such as human beings or to the lower groups such as animals, all beings primarily seek peace, comfort and security. Life is as dear to a mute creature as it is to a man. Even the lowliest insect strives for protection against dangers that threaten its life. Just as each one of us wants to live and not to die, so do all other creatures.

- I. The author's main point is that
 - (a) different forms of life are found on earth
 - (b) different levels of existence are possible in nature
 - (c) peace and security are the chief goals of all living
 - (d) even the weakest creature struggles to preserve its
- **J.** Which one of the following assumptions or steps is essential in developing the author's position?
 - (a) All forms of life have a single overriding goal
 - (b) The will to survive of a creature is identified with a desire for peace
 - (c) All beings are divided into higher and lower groups
 - (d) A parallel is drawn between happiness and life, and pain and death

Explanation:

- The idea which represents the author's main point is "peace and security are the chief goals of all living beings", which is response (c). So (c) is the correct answer
- J. The best assumption underlying the passage is 'The will to survive of a creature is identified with a desire for peace', which is response (b). So (b) is the correct answer.

PASSAGE

Today, India looks to be on course to join the league of developed nations. It is beginning to establish a reputation not just as the technology nerve-centre and back-office to the world, but also as its production centre. India's secularism and democracy serve as a role model to other developing countries. There is great pride in an India that easily integrates with a global economy, yet maintains a unique cultural identity.

But what is breathtaking is India's youth. For despite an ancient civilization that traces itself to the very dawn of

human habitation, India is among the youngest countries in the world. More than half the country is under 25 years of age and more than a third is under 15 years of age.

Brought up in the shadow of the rise of India's service industry boom, this group feels it can be at least as good if not better than anyone else in the world. This confidence has them demonstrating a great propensity to consume, throwing away ageing ideas of asceticism and thrift. The economic activity created by this combination of a growing labour pool and rising consumption demand is enough to propel India to double-digit economic growth for decades. This opportunity also represents the greatest threat to India's future. If the youth of India are not properly educated and if there are not enough jobs created, India will have forever lost its opportunity.

India's Information Technology and Business Process Outsourcing industries are engines of job creation, but they still account for only 0.2 per cent of India's employment. The country has no choice but to dramatically industrialise and inflate its economy. According to a recent survey, more than half of India's unemployed within the next decade could be its educated youth.

- **38.** Consider the following statements :
 - India's rich cultural heritage prevents India from surging ahead to become an active partner in the global economy.
 - 2. By and large, India's youth still believe in a thrifty lifestyle.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- **39.** What is the approximate number of people in India who are in the age group 15-25 years?
 - (a) 500 million
- (b) 350 million
- (c) 210 million
- (d) 180 million
- **40.** In the recent past, which sector has witnessed a phenomenal growth?
 - (a) Heavy industry
- (b) Service industry
- (c) Petro-chemical industry (d) Textile industry
- **41.** Consider the following statements:
 - 1. Rising consumption demand will retard economic growth.
 - 2. India's youth are its greatest opportunity as well as threat.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- **42.** Consider the following statements :
 - 1. Information Technology sector provides a relatively large proportion of jobs in India.
 - 2. In the coming decade only uneducated youth will remain deprived of employment opportunity.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



ORDERING OF SENTENCES

Directions (For the next 8 items):

In the following items, each passage consists of six sentences. The first sentence (S_1) and the sixth sentence (S_6) are given in the beginning. The middle four sentences in each have been removed and jumbled up. These are labelled as P, Q, R and S. You are required to find out the correct sequence of the four sentences and mark accordingly on the Answer-sheet.

Example 'X' has been solved for you.

- **X.** S_1 : There was a boy named Jack.
 - S₆: At last she turned him out of the house.
 - P: So the mother asked him to find work.
 - O: They were very poor.
 - R: He lived with his mother.
 - S: But Jack refused to work.

Which one of the following is the correct sequence?

- (a) RQPS
- (b) SPQR
- (c) RPQS
- (d) SQPR

Explanation:

The correct sequence in this example is RQPS which is marked by (a). Therefore, (a) is the correct answer.

- **43.** S₁: Political empowerment apart, the state should recognise the right to life of every citizen.
 - S₆: The state should prepare for the seasons ahead, not just winter, and create shelters on a war footing.
 - P : Places of religious worship play an important role in this respect, providing food and shelter.
 - Q: Where lives are at stake, resource crunch cannot work as an excuse.
 - R : It can still intervene to save lives, by ensuring that offices, schools and other institutions that function only during the day are used as night shelters.
 - S : However, civil society organisations cannot be expected to compensate for state neglect.

Which one of the following is the correct sequence?

- (å) SORP
- (b) RPSQ
- (c) SPRQ
- (d) RQSP
- **44.** S_1 : This is the age of knowledge.
 - S₆: Not surprisingly then that we Indians are often labelled as being overly superstitious.
 - P: Logic and intuition are no longer enemies.
 - Q: It is also the Age of Aquarius.
 - R : The two live together comfortably in every Indian household.
 - S : So why should superstitions be considered out of place in this age of nanotechnology and computers?

Which one of the following is the correct sequence?

- (a) QPSR
- (b) RSPQ
- (c) QSPR
- (d) RPSQ
- **45.** S_1 : Sachin has scored centuries against all oppositions, in all countries.
 - S₆: But largely, he has been the dictator, giving nightmares to quality bowlers of the world.
 - P : There have been those rare occasions when he looked entangled at the crease.
 - Q: In fact, some of his most memorable essays came in adverse conditions.

- R: Gavaskar called him "the closest thing to batting perfection this game has ever seen".
- S: Sachin hasestablished his stamp over all types of attack.

Which one of the following is the correct sequence?

- (a) PQSR
- (b) ROSP
- (c) PSQR
- (d) RSQP
- **46.** S_1 : Jagan has been working in our home for over 25 years.
 - S₆: Then came the question of raising his children on the paltry sum of money he earned washing cars and sweeping homes.
 - P: And another.
 - Q : Till finally his wife delivered a son and he declared his innings.
 - R: I remember the day his first daughter was born.
 - S: And then came another.

Which one of the following is the correct sequence?

- (a) RPSQ
- (b) QSPR
- (c) RSPQ
- (d) QPSR
- 47. S₁: Diabetes is a silent killer and because it does not seem as potent as cancer or AIDS is very often overlooked without too much heed by patients.
 - S₆: Though diabetes can never be totally cured it can be definately be controlled from causing serious consequences.
 - P: Worse, as many as a third of them don't even know it.
 - Q: Untreated diabetes can lead to heart and kidney failure, amputations and even death.
 - R: Millions of people suffer from diabetes.
 - S: The early symptoms of diabetes are often confused with other less grave conditions.

Which one of the following is the correct sequence?

- (a) SQRP
- (b) RPSQ
- (c) SPRQ
- (d) RQSP
- **48.** S₁: Ships, built in dry docks, are launched amidst chanting of Atharva Veda.
 - ${\bf S_6}$: The latest INS Mumbai is the tenth reincarnation of its original INS Bombay.
 - P : Even now newer warships are given names of old decommissioned warships.
 - Q: One of the enduring superstitions of the Navy is that old ships don't die.
 - R: In Europe, they break champagne bottles on the bow; in India we break coconuts.
 - S: It derives from the animistic belief that a ship has a soul that lives on and that it is reborn.

Which one of the following is the correct sequence?

- (a) RQSP
- (b) SPRQ
- (c) RPSQ
- (d) SQRP
- **49.** S₁: Jaswant Singh of 4 Garhwal Rifles was apparently relaxing at 10,000 feet when he spotted a whole battalion of Chinese troops advancing towards an Indian Army post.
 - S₆: Versions of the story vary.
 - P: They surrounded him, captured the three and beheaded them.
 - Q: Finally the enemy sent a scout party to ascertain the real strength of the Indian defence, and they found just a rifleman and two girls.



- R: After the war, the Chinese, impressed by the rifleman's valour, gave his head back to the Indians, who set up a temple for him.
- S: With just one 303 and ammunition supplied by two girls from an abandoned dump, he moved down about 50 enemy troopers.

Which the following is the correct sequence?

(a) PQSŘ

(b) SRPQ

(c) PRSQ

(d) SQPR

50. S_1 : Each creature of the sea has its own significance for seamen.

- S₆: A dead dolphin is a bad omen.
- P: One reason could be that dolphins and sharks do not cohabit.
- Q: Sighting a dolphin is supposed to bring luck.
- R: A dolphin swimming with the ship brings good luck.
- S: Upon sighting the first dolphin on a voyage even the admiral will come up on deck to watch it.

Which one of the following is the correct sequence?

(a) SRQP

(b) OPSR

(c) SPQR

(d) ORSP

PART 'B'

- 51. Which one of the following dynasties was associated with Gandhara School of Art?
 - (a) Chalukvas

(b) Guptas

(c) Kushanas

- (d) Mauryas
- 52. Where did Gautam Buddha give his first sermon?
 - (a) Gaya

(b) Rajgriha

(c) Sarnath

- (d) Sanchi
- **53.** 'Mushika Vamsha' written by Atula in the eleventh century gives an account of the dynasty which ruled a part of a modern Indian state. Which state is this?
 - (a) Andhra Pradesh
- (b) Kerala
- (c) Maharashtra
- (d) Orissa
- **54.** Which of the following rulers checked Harshavardhana's expedition in South India?
 - (a) Pulakesin I
- (b) Pulakesin II
- (c) Vikramaditya I
- (d) Vikramaditya II
- **55.** Who was the Delhi Sultan when the threat of invasion by Mongols under Changez Khan loomed over India?
 - (a) Illtutmish
- (b) Balban
- (c) Jalauddin Khalji
- (d) Alauddin Khalji
- **56.** Who foug. he battle of Waihand?
 - (a) Anandapala and Mahmud Ghazni
 - (b) Jayapala and Muhammad Ghori
 - (c) Prithviraj Chauhan and Muhammad Ghori
 - (d) Jaichandra and Bakhtiyar Khalji
- **57.** Which of the following Mughal emperors spent a greater part of his reign to overthrow the Deccan Kingdoms?
 - (a) Akbar
- (b) Jahangir (d) Aurangzeb
- (c) Shahjahan
- **58.** Who issued firman granting Diwani of Bengal, Bihar and Orissa to the english?
 - (a) Ahmad Shah
- (b) Bahadur Shah
- (c) Farrukh Siyar
- (d) Shah Alam II
- **59.** Which one of the following Acts introduced communal electorate in India?
 - (a) Indian Councils Act, 1861
 - (b) Indian Councils Act, 1892
 - (c) Indian Councils Act, 1909
 - (d) Government of India Act, 1935
- **60.** Consider the following statements:
 - The East India Company for the first time through the Charter Act of 1813, adopted a provision to spend one

- lakh rupees per annum for the spread of education in India.
- The Wood's Dispatch of 1854 recommended the establishment of one university each in Calcutta, Bombay and Madras on the model of the London University.

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

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- **61.** Who founded the Fort William College at Calcutta?
 - (a) Lord Cornwallis
- (b) Lord Ellenborough
- (c) Lord Macaulay
- (d) Lord Wellesley
- **62.** Where was the first Peasant Movement launched by Mahatma Gandhi?
 - (a) Bardoli
- (b) Dandi
- (c) Champaran
- (d) Wardha
- **63.** Who of the following was a founder of the Punjab Naujawan Bharat Sabha in 1926?
 - (a) Lala Lajpat Rai
- (b) Sardar Bhagat Singh
- (c) Lala Hardyal
- (d) Sohan Singh Bakhna
- **64.** Consider the following statements :
 - 1. The Indian National Congress was formed during the Viceroyalty of Lord Dufferin.
 - 2. The first President of Indian National Congress was Wyomesh Chandra Bannerji.
 - 3. The first session of the Indian National Congress was held in Calcutta.
 - 4. In the first session of the Indian National Congress some government officials were also present.

Which of the following statements given above are correct?

- (a) 1, 2 and 3
- (b) 1, 2 and 4
- (c) 3 and 4
- (d) 1, 2, 3 and 4
- **65.** Consider the following statements:
 - The President of India cannot appoint a person as Prime Minister if he/she is not a member of either Lok Sabha or Rajya Sabha.
 - The candidate for the office of Prime Minster must have the support of the majority members of both Lok Sabha and Rajya Sabha.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



- 66. Consider the following statements:
 - 1. It is on the advice of the Speaker of Lok Sabha that the President of India summons and prorogues Parliament and dissolves Lok Sabha.
 - 2. The resignation of the Prime Minister means the resignation of the entire Council of Ministers.
 - 3. A vote of confidence against one Minister in Lok Sabha means the vote of confidence against the entire Council of Ministers.

Which of the following statements given above are correct?

- (a) 1 and 2
- (b) 2 and 3
- (c) 1 and 3
- (d) 1, 2 and 3
- 67. 'Bostan Tea Party' is associated with which one of the following?
 - (a) French Revolution
 - (b) American Revolution
 - (c) English Revolution
 - (d) Russian Revolution
- 68. Rousseau's study greatly contributed to which one of the following?
 - (a) Glorious Revolution in England
 - (b) American War of Independence
 - (c) The Bolshevik Revolution in Russia
 - (d) The French Revolution
- **69.** Which one of the following pairs is correctly matched?

- **UN Organization** Headquarters
 - (a) UNESCO Geneva (b) IMF Paris (c) ILO Washington
 - (d) UNIDO Vienna
- 70. Recently India has made a huge investment in Sakhalin-I Oilfield. Where is it located?
 - (a) Indonesia
 - (b) Russia
 - (c) Sudan
 - (d) Vietnam
- 71. Consider the following statements with reference to doldrums:
 - 1. Doldrums comprise the equatorial belt of low atmospheric pressure.
 - 2. The trade winds converge at doldrums.
 - 3. There is strong upward movement of air in doldrums.
 - 4. Doldrums are characterized by turbulent weather. Which of the statements given above are correct?
 - (a) 1 and 2
- (b) 3 and 4
- (c) 1, 2 and 3
- (d) 1, 2, 3 and 4
- **72.** Which one among the following is nearest to the Tropic of Cancer?
 - (a) Patna
 - (b) Ranchi
 - (c) Rourkela
 - (d) Varanasi

73. Match List-I (Type of Rocks) with List-II (Example) and select the correct answer using the codes given below the

| | List-I | | List-II |
|----|-------------------|----|----------------------|
| | (Type of Rocks) | | (Example) |
| A. | Igneous Rocks | 1. | Basalt and Granite |
| В. | Metamorphic Rocks | 2. | Limestone and |
| | | | Sandstone |
| C. | Sedimentary Rocks | 3. | Marble and Quartzite |

Codes:

| | Α | В | С | • | Α | В | С |
|-----|---|---|---|-----|---|---|---|
| (a) | 1 | 2 | 3 | (b) | 1 | 3 | 2 |
| (c) | 2 | 3 | 1 | (d) | 3 | 1 | 2 |

74. Match List-I (Volcano) with List-II (Country) and select the correct answer using the codes given below the

| | List-I | | List-II |
|----|-------------|----|-----------|
| | (Volcano) | - | (Country) |
| A. | Semeru | 1. | Indonesia |
| B. | Cotopaxi | 2. | Ecuador |
| C. | Etna | 3. | Italy |
| D. | Kilimanjaro | 4. | Kenya |
| | | 5. | India |

Codes:

| | Α | В | С | D | | Α | В | С | D |
|-----|---|---|---|---|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 | (b) | 3 | 4 | 5 | 2 |
| | | | | | (d) | | | | |

- 75. The 'Agulhas' water current flows through which one of the following oceans?
 - (a) South Atlantic Ocean
- (b) North Atlantic Ocean
 - (c) Indian Ocean
- (d) North Pacific Ocean
- **76.** Consider the following statements:
 - 1. Rainfall in the doldrums is of convectional type.
 - 2. In China type climate, rainfall occurs throughout the

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 77. In which one of the following regions of the world, are the grasslands called Campo found?
 - (a) Brazil
 - (b) China
 - (c) Eurasia
 - (d) North America
- In India, in which one of the following areas are the tropical evergreen forests found?
 - (a) The Western Ghats
 - (b) The Eastern Ghats
 - (c) The Western Himalaya
 - (d) The Central Himalaya



 Match List-I (Location) with List-II (Industry) and select the correct answer using the codes given below the Lists:

> List-I (Location)

List-II (Industry)

- (Location)

 A. Moradabad
- 1. Cotton Textile Industry
- B. Mathura
- 2. Iron and Steel Industry
- C. Salem
- 3. Oil Refinery
- D. Coimbatore
- Copper and Brass industry

Codes:

| | ٨ | В | C | D | | Α | В. | C. | D |
|-----|---|---|---|---|-----|---|----|----|---|
| (a) | 4 | 3 | 2 | 1 | (b) | 4 | 2 | 3 | 1 |
| | | | | | (d) | | | | |

 Match List-I (Atomic Power Plant) with List-II (State) and select the correct answer using the codes given below the Lists:

List-I

List-II

(Atomic Power Plant)

(State)

- Kalpakkam
- 1. Karnataka
- B. Narora
- Madhya Pradesh
- C. Rawatbhata
- Maharashtra
- D. Tarapur
- 4. Raiasthan
- 5. Tamil Nadu
- 6. Uttar Pradesh

Codes:

| | Α | В | С | D | ΄ Α | В | С. | D |
|-----|---|---|---|---|-------|---|-----|---|
| (a) | 1 | 6 | 4 | 2 | (b) 1 | 4 | 6 - | 2 |
| (c) | 5 | 6 | 4 | 3 | (d) 5 | 4 | 6 | 3 |

81. In the map given below four thermal power plants are marked as 1, 2, 3 and 4, and their names are given in the list given here. Match them and select the correct answer using the codes given below the List: List:





Codes :

| | Α | В | С | D | | Α | В | С | D |
|-----|---|---|---|---|-----|---|---|---|---|
| (a) | 1 | 2 | 3 | 4 | (b) | 1 | 3 | 4 | 2 |
| (c) | 4 | 1 | 3 | 2 | (d) | 4 | 3 | 2 | 1 |

 Match List-I (Place of Economic Importance) with List-II (State) and select the correct answer using the codes given below the Lists:

> List-I (Place of Economic

List-II (State)

Importance)

A. Alwaye

- 1. Gujarat
- Kaiga
- 2. Jharkhand
- C. Giridih
- 3. Karnataka
- D. Kakrapara
- 4. Kerala

Codes :

| | Α | В | С | D | | Α | В | С. | D | |
|-----|-----|---|---|-----|-----|---|---|----|---|--|
| (a) | . 1 | 2 | 3 | 4 . | (b) | 1 | 3 | 2. | 4 | |
| (c) | 4 | 2 | 3 | 1 | (d) | 4 | 3 | 2 | 1 | |

83. An oxide of nitrogen has molecular weight 30. What is the number of electrons in one molecule of the compound?

(a) 14

(b) 15

(c) 22

(d) 23

84. How many gram atoms of hydrogen are present in 0.04 mole of CuSO₄ - 5H₂O ?

(a) 0.04

(b) 0.2

(c) 0.4

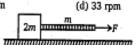
(d) 4

85. The turntable of a gramophone is rotated at a constant speed of x revolutions/minute. Which one of the following values of the revolutions per minute is not used?

(a) 78 rpm

(b) 56 rpm

(c) 45 rpm 86.



A block of mass 2m is pulled along a horizontal frictionless surface by a rope of mass m as shown in the figure given above. What force is exerted by the rope on the block?

(a) $\frac{F}{3}$

(b) $\frac{F}{2}$

c) $\frac{3F}{3}$

(d) F

- 87. Why is helium preferred over hydrogen for use in airships?
 - (a) Helium has a low density
 - (b) Helium has a high density
 - (c) Helium is chemically less reactive
 - (d) Helium is chemically more reactive.
- 88. Consider the following statements:
 - 1. An alloy is a mixture of two or more metals
 - An alloy is a mixture of a metal or metals with a non-metal.
 - Which of the statements given above is/are correct?
 - (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2



| 89. | How many milligrams is 1 carat of diamond equal to? | 99. Which one of the following towns is well-known for it aluminimum industry? | S |
|-------------|---|---|----|
| | (a) 100 mg (b) 150 mg (c) 200 mg (d) 250 mg | (a) Coimbatore (b) Koraput | |
| 90 | (c) 200 mg (d) 250 mg Which one of the following is used as a fertilizer? | (c) Ranchi (d) Rourkela | |
| 70. | (a) NH ₄ OH (b) NH ₄ Cl | 100. At which one of the following towns do Nationa | d |
| | (c) NH_4NO_3 (d) $(NH_4)_2SO_4$ | Highways Nos. 6 and 7 cross each other? | |
| 91. | Which are the most abundant elements in the | (a) Bhopal (b) Gwalior | |
| | atmosphare? | (c) Jhansi (d) Nagpur | |
| | (a) Oxygen and Nitrogen (b) Hydrogen and Oxygen | 101. As per the census of 2001, which one of the following i | |
| | (c) Hydrogen and Helium (d) Carbon and Nitrogen | the correct sequence of states in descending order of | 4 |
| 92. | One litre of an unknown gas weighs 1.25 g at STP. Which | their population ? (a) Andhra Pradesh -Karnataka-Tamil Nadu | |
| | one of the following can be the formula for the gas? (a) O ₂ (b) CO | (b) Andhra Pradesh-Tamil Nadu-Karnataka | |
| | | (c) Karnataka-Tamil Nadu-Andhra Pradesh | |
| 03 | (c) CO ₂ (d) SO ₂ Consider the following statements : | (d) Tamil Nadu-Andhra Pradesh-Karnataka | |
| 70. | Nitrogen is an essential constituent of | 102. Which one of the following pairs is not correctly | y |
| | 1. soils 2. animals | matched ? | |
| | 3. plants | Town River | |
| | Which of the statements given above is/are correct? | (a) Bharuch Narmada | |
| | (a) 3 only (b) 1 and 3 only | (b) Surat Tapi | |
| | (c) 1 and 2 only (d) 1, 2 and 3 | (c) Vijaywada Krishna | |
| 94. | What is the percentage of lead in lead pencil? | (d) Vishakhapatnam Godavari | |
| | (a) 0% (b) 25% (c) 50% (d) 100% | 103. In which one of the following states is Zojila Pas | S |
| 05 | (c) 50% (d) 100% Which gas is responsible for the swelling of bread? | located ? (a) Arunachal Pradesh (b) Jammu and Kashmir | |
| 93. | (a) Oxygen (b) Carbon monoxide | (c) Himachal Pradesh (d) Sikkim | |
| | (c) Carbon dioxide (d) Ammonia | 104. Match List-I (Town) with List-II (River) and select th | e |
| 96. | Consider the following statements: | correct answer using the codes given below the Lists: | |
| | 1. Maximum covalency of carbon is 4, whereas | | |
| | maximum covalency of silicon is 6. | | |
| | 2. The maximum covalency of an element is limited to 6. | (Town) (River) A. Nanded 1. Godavari | |
| | Which of the statements given above is/are correct? | B. Nellore 2. Tungbhadra | |
| | (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2 | C. Hospet 3. Musi | |
| 07 | (c) Both 1 and 2 (d) Neither 1 nor 2 Why does a tower appear larger and larger to a person | D. Hyderabad 4. Penneru | |
| y /. | approaching it? | | |
| | 1. The angle subtended by the tower at the eye increases. | Codes: | |
| | 2. The focal length of eye lens increases. | A B C D A B C D | |
| | 3. The size of the image on the retina of eye increases. | (a) 1 4 2 3 (b) 1 2 4 3 | |
| | Select the correct answer using the codes given below: | (c) 3 4 2 1 (d) 3 2 4 1 | |
| | Codes: | | |
| | (a) 1 only (b) 3 only | 105. Which of the following pairs is/are correctly matched | ? |
| | (c) 1 and 3 only (d) 1, 2 and 3 | 1. Hirakund Reservoir : Sambalpur | |
| 98. | Match List-I (Town) with List-II (Factory/Plant) and | 2. Ukai Reservoir : Amravati | |
| | select the correct answer using the codes given below the | 3. Tawa Reservoir : Pachmarhi | |
| | Lists: | Select the correct answer using the code given below: | |
| | List-I List-II | (a) 1 only (b) 2 and 3 | |
| | (Town) (Factory/Plant) A. Namrup 1. Aluminium Plant | (c) 1 and 3 (d) 1, 2 and 3 | |
| | A. Namrup 1. Aluminium Plant B. Vishakhapatnam 2. Steel Plant | 106. Which one of the following is a fungus? | |
| | C. Perambur 3. Fertilizer Plant | (a) Agaricus (b) Funaria | |
| | D. Renukoot 4. Integral Coach Factory | (c) Rhizobium (d) Spirogyra | |
| | Codes: | 107. Which one of the following is the largest phylum in the | ıe |
| | e de la companya de | animal kingdom? | |
| | | (a) Annelida (b) Arthropoda (c) Chordata (d) Protozoa | |
| | (a) 1 2 4 3 (b) 1 4 2 3 (c) 3 2 4 1 (d) 3 4 2 1 | (c) Chordata (d) Protozoa | |



| 108. | Consider the following diseases: | | (c) Shyam Benegal |
|-------|---|------------|--|
| | (a) Hepatitis-B (b) Influenza | | (d) Yash Chopra |
| | (c) Rabies (d) Scabies | 119. | Where is Baikonur Cosmodrome located? |
| | Which of the above are caused by virus? | | (a) Belarús (b) Kazakhstan |
| | (a) 1, 2 and 3 (b) 2, 3 and 4 (c) 1 and 4 (d) 1, 2, 3 and 4 | 100 | (c) Russia (d) Ukraine |
| 100 | (c) 1 and 4 (d) 1, 2, 3 and 4 The oxygen released during photosynthesis of green | 120. | What is Shenzhou VI, that was recently in the news? |
| 107. | plants comes from the breakdown of which one of the | | (a) A Chinese new Intercontinental Ballistic Missile |
| | following? | | (b) A Chinese manned spacecraft to orbit the earth ' (c) A Taiwanese indigenously developed satellite |
| | (a) Carbon dioxide (b) Fatty acids | | (d) A North Korean missile fitted with nuclear warheads |
| | (c) Carbohydrates (d) Water | 121. | Which one of the following plants yields bio-diesel and |
| 110. | In human beings, the digestion of proteins starts in which | | bio-fuel? |
| | part of the alimentary canal ? | | (a) Hevea braziliensis |
| | (a) Mouth (b) Stomach | | (b) Jatropha curcas |
| 111 | (c) Doudenum (d) Ileum The enzyme present in the saliva of human beings | | (c) Juniperus verginiana (tr |
| 111 | breaks: | | (d) Parthenium argentatum |
| | (a) starch into maltose | 122. | Which country won the Hockey Champions Trophy held |
| | (b) proteins into peptides | <i>z</i> ! | |
| | (c) peptides into amino acids | | (a) Netherlands (b) Australia |
| | (d) fats into fatty acids | 100 | (c) Germany (d) Spain |
| 112. | Consider the following statements: | 123. | Anup Sridhar, a well-known sportsperson, is associated |
| | Beans are richer source of proteins than potatoes. | | with which one of the following games/sports? (a) Badminton (b) Shooting |
| | 2. Apples are richer source of carbohydrates than | | (c) Table Tennis (d) Boxing |
| | bananas. | 124. | Who among the following is well-known as a |
| | Which of the statements given above is/are correct? | | sportsperson in shooting? |
| | (a) 1 only (b) 2 only | | (a) Shikha Tandon |
| | (c) Both 1 and 2 (d) Neither 1 nor 2 | | (b) Soudaminee Gavankar |
| 113. | The involvement of which one of the following is | | (c) Arjun Murlitharan |
| | essential in the control of blood sugar? | 10= | (d) Rehan Poncha |
| | (a) Adrenal (b) Pancreas | 125. | Consider the following statements: |
| | (c) Parathyroid (d) Spleen | | 1. The magnetic pole in the northern hemisphere is the north magnetic pole. |
| 114. | During the anaerobic respiration that takes palce in our | | 2. At all points on a magnet, an iron bar gets attracted. |
| | muscles while doing rigorous exercise, what is the end product formed in the muscles? | | Which one of the following statements given above |
| | (a) Acetic acid (b) Carbon dioxide | | is/are correct? |
| • | | | (a) 1 only (b) 2 only |
| 115 | (c) Ethanol (d) Lactic acid Which one of the following causes the disease syphilis? | | (c) Both 1 and 2 (d) Neither 1 nor 2 |
| 110. | (a) Bacteria (b) Fungus | 126. | How does the weight of a body vary while moving from |
| | (c) Protozoan (d) Virus | | the earth to the moon ? |
| .116. | What is the nickname of the recently discovered planet in | | (a) It gradually decreases till it reaches the moon |
| | our solar system ? | | surface. |
| | (a) Diana (b) Mona | | (b) It gradually increases till it reaches the moon surface. |
| | (c) Tina (d) Xena | | (c) First it gradually decreases to zero value and then increases till it reaches the moon surface |
| 117. | Who is Benjamin Carson who was recently in the news? | | (d) First it gradually increases and then decreases till it |
| | (a) The World Bank expert to examine the dispute on | | reaches the moon surface |
| | Bhaglihar Hydro Project (b) The latest US Ambassador to India | 127. | Consider the following statements: |
| | (c) The neuro-surgeon who separated the conjoined | | 1. The gravitational force exerted by the sun on the |
| ; · | twins | | moon is greater than the gravitational force exerted by |
| | (d) Recipient of Jamnalal Bajaj Award for promoting | | the earth on the moon. |
| | Gandhian values outside India | | 2. A heavy body falls at a faster rate than a light body in |
| | In the 52nd National Film Awards, whom did the | | vaccum. |
| | President of India confer the Nargis Dutt Award for Best | | Which of the following statements given above is/are |
| | Feature Film on National Integration? | | correct? (a) 1 only (b) 2 only |
| | (a) Adoori Gopalakrishnan | | (a) 1 only (b) 2 only (c) Both 1 and 2 (d) Neither 1 nor 2 |
| | (b) D. Rama Naidu | | (a) tacities I liot 2 |



- 128. Two plane mirrors are inclined at an angle θ to one another. A ray of light incident on the first mirror and parallel to the second mirror is reflected from the second mirror parallel to the first mirror. What is the value of θ ?
 - (a) 0°

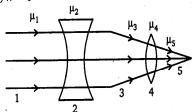
(b) 45°

- $(c) 60^{\circ}$
- (d) 90°
- 129. Why doesn't Archimedes' principle hold for a vessel under a free fall?
 - (a) The effective value of g increases
 - (b) The effective value of g decreases
 - (c) The body immersed in the vessel will become weightless
 - (d) The density of air increases
- 130. The effective resistance of two wires is 2x. The resistance of one wire is two times that of the other wire and is three times the effective resistance. Which one of the following is correct in respect of value of x?
 - (a) x can take only one value
 - (b) x must only be greater than or equal to 1
 - (c) x can take any positive real value
 - (d) The information given above is inconsistent
- 131. A stone is thrown vertically upwards with an initial velocity u from the top of a tower of height $\frac{12u^2}{g}$. With

what velocity does the stone reach the ground?

- (a) u
- (b) 4u
- (c) 5u (d) $2\sqrt{6}u$
- **132.** A block of weight W floats in a lake. If the apparent weight of the floating block is W', then which one of the following is correct?
 - (a) W' > W
 - (b) $W' = \frac{W}{2}$
 - (c) W' = W
 - (d) W' = 0

133.



In the figure shown above μ_1 , μ_2 , μ_3 , μ_4 and μ_5 are the refractive indices of the mediums 1, 2, 3, 4 and 5 respectively. Consider the following:

- $1. \mu_1 = \mu_2$
- $2. \mu_3 = \mu_4 = \mu_5$
- $3. \mu_2 < \mu_3$
- $4. \mu_4 > \mu_5$

Which of the above are correct?

- (a) 1 and 2
- (b) 1, 2 and 3
- (c) 1 and 3
- (d) 3 and 4

134.

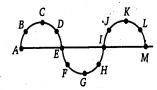
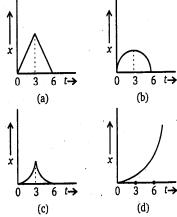


Figure given above shows the part of a long string in which transverse waves are produced. Which pair of points is in phase?

- (a) A and E
- (b) B and J
- (c) D and J
- (d) C and G
- **135.** The function of a safety fuse of a given material is independent of which one of the following?
 - (a) Radius of the fuse wire
 - (b) Resistivity of the fuse wire
 - (c) Length of the fuse wire
 - (d) Current flowing through the fuse wire
- **136.** Which one of the following statements is correct? In an astronomical telescope of refracting type,
 - (a) the objective and the eyepiece have the same focal
 - (b) the focal length of the objective is less than that of the eyepiece
 - (c) the focal length of the objective is more than that of the eyepiece
 - (d) the aperture of the eyepiece is more than that of the objective
- 137. A particle starts from rest, accelerates uniformly for 3 s and then decelerates uniformly for 3 s and comes to rest.

Which one of the following displacement (x)-time (t) graphs represents the motion of the particle?



- **138.** The mass of a copper wire of resistance R_1 and length l_1 is four times the mass of another copper wire of length l_2 and resistance R_2 . if $R_1 = R_2$, which one of the following is correct?
 - (a) $l_1 = l_2$
- (b) $l_1 = 4 l_2$
- (c) $l_1 = 2l_2$
- (d) $2l_1 = l_2$



- **139.** Which type of cell can be used if a device requires 75 A of current for 15 s?
 - (a) Simple voltaic cell
- (b) Daniel cell
- (c) Leclanche cell
- (d) Lead-acid cell
- **140.** Why does one experience a strong shock when one accidentally touches a live wire of, say, 220 V?
 - (a) The resistance of human body is very low
 - (b) The resistance of human body is very high
 - (c) The human body is sensitive to even feeble currents
 - (d) The human body is sensitive to large currents only
- **141.** Which one of the following statements is correct? The space surrounding a charge in uniform motion has
 - (a) only an electric field
 - (b) only a magnetic field
 - (c) both electric and magnetic fields
 - (d) neither an electric field nor a magnetic field
- 142. Consider the following statements:
 - 1. X-rays show transverse wave characteristics.
 - 2. X-rays can eject electrons from certain metal surfaces
 - 3. X-rays of 0.1 Å are harder than X-rays of 0.2 Å. Which of the statements given above is/are correct?
 - (a) 1 only
- (b) 1and 2
- (c) 2 and 3
- (d) 1, 2 and 3
- **143.** Which one of the following substances does not have a melting point?
 - (a) Bromine
- (b) Sodium chloride
- (c) Mercury
- (d) Glass
- **144.** The thermal capacity of a substance is 5 cal/°F. What is water equivalent of the substance?
 - (a) 5 g
- (b) 9 g
- (c) $\frac{25}{9}$ g
- (d) 5 kg
- **145.** Why is sound heard with more intensity through CO₂ than through the air?
 - (a) Density of CO₂ is more than that of air
 - (b) Density of CO2 is less than that of air

- (c) Air is bad conductor of heat
- (d) CO₂ is a compound, but air is a mixture of gases.

 Directions:

The next five (5) items consist of two statements, one labelled as the 'Assertion (A)' and the other as 'Reason (R)'. You are to examine these two statements carefully and select the answers to these items using the codes given below:

Codes:

- (a) Both A and R are individually true and R is the correct explanation of A
- (b) Both A and R are individually true, but R is not the correct explanation of A
- (c) A is true, but R is false
- (d) A is false, but R is true
- **146.** Assertion (A): The Government of India Act of 1858 transferred the governance of India from the East India Company to the Crown.
 - **Reason (R):** The East India Company was unwilling to administer India any more.
- **147. Assertion (A)**: Ice melts at a temperature lower than 0°C at a pressure higher than the normal pressure.
 - **Reason (R)**: The melting point of a substance always decreases with increase in pressure.
- 148. Assertion (A): Water gets heated quickly although it is a bad conductor of heat.
 - **Reason (R):** Water gets heated mainly by the mode of convection.
- **149. Assertion (A)**: Most coloured flowers when exposed to chlorine get bleached.
 - **Reason (R)**: HCl produced by the action of chlorine on water oxidises coloured matter to colourless compound.
- **150. Assertion (A)**: Atomic weights of most of the elements are not whole numbers.
 - **Reason (R)**: Atoms of most of the elements contain mixture of isotopes having different atomic weights.



Ans: General Ability Test

| 1 | (c) | 51 | (c) |
|----|-----|----|-----|
| 2 | (d) | 52 | (c) |
| 3 | (a) | 53 | (b) |
| 4 | (b) | 54 | (b) |
| 5 | (d) | 55 | (a) |
| 6 | (c) | 56 | (a) |
| 7 | (b) | 57 | (d) |
| 8 | (d) | 58 | (d) |
| 9 | (b) | 59 | (c) |
| 10 | (c) | 60 | (c) |
| 11 | (d) | 61 | (d) |
| 12 | (a) | 62 | (c) |
| 13 | (d) | 63 | (b) |
| 14 | (c) | 64 | (b) |
| 15 | (b) | 65 | (d) |
| 16 | (b) | 66 | (b) |
| 17 | (d) | 67 | (b) |
| 18 | (c) | 68 | (d) |
| 19 | (c) | 69 | (d) |
| 20 | (b) | 70 | (b) |
| 21 | (d) | 71 | (c) |
| 22 | (a) | 72 | (b) |
| 23 | (b) | 73 | (b) |
| 24 | (c) | 74 | (a) |
| 25 | (b) | 75 | (c) |
| 26 | (d) | 76 | (c) |
| 27 | (a) | 77 | (a) |
| 28 | (a) | 78 | (a) |
| 29 | (a) | 79 | (a) |
| 30 | (b) | 80 | (c) |
| 31 | (c) | 81 | (c) |
| 32 | (b) | 82 | (d) |
| 33 | (a) | 83 | (b) |
| 34 | (d) | 84 | (c) |
| 35 | (b) | 85 | (b) |
| 36 | (c) | 86 | (d) |
| 37 | (c) | 87 | (c) |
| 38 | (d) | 88 | (a) |
| | | | |

| 101 | (b) | |
|-----|-----|--|
| 102 | (d) | |
| 103 | (b) | |
| 104 | (a) | |
| 105 | (c) | |
| 106 | (a) | |
| 107 | (b) | |
| 108 | (a) | |
| 109 | (d) | |
| 110 | (b) | |
| 111 | (a) | |
| 112 | (d) | |
| 113 | (b) | |
| 114 | (d) | |
| 115 | (a) | |
| 116 | (d) | |
| 117 | (a) | |
| 118 | (c) | |
| 119 | (b) | |
| 120 | (b) | |
| 121 | (b) | |
| 122 | (b) | |
| 123 | (a) | |
| 124 | (b) | |
| 125 | (d) | |
| 126 | (c) | |
| 127 | (a) | |
| 128 | (c) | |
| 129 | (c) | |
| 130 | (c) | |
| 131 | (c) | |
| 132 | (d) | |
| 133 | (b) | |
| 134 | (b) | |
| 135 | (c) | |
| 136 | (c) | |
| 137 | (c) | |
| 120 | (6) | |

138



| 39 | (d) | 89 | (c) |
|----|-----|-----|-----|
| 40 | (b) | 90 | (d) |
| 41 | (b) | 91 | (a) |
| 42 | (d) | 92 | (b) |
| 43 | (b) | 93 | (d) |
| 44 | (a) | 94 | (a) |
| 45 | (d) | 95 | (c) |
| 46 | (c) | 96 | (d) |
| 47 | (b) | 97 | (c) |
| 48 | (a) | 98 | (c) |
| 49 | (d) | 99 | (b) |
| 50 | (b) | 100 | (d) |

| 139 | (c) |
|-----|-----|
| 140 | (b) |
| 141 | (c) |
| 142 | (d) |
| 143 | (c) |
| 144 | (a) |
| 145 | (b) |
| 146 | (c) |
| 147 | (a) |
| 148 | (a) |
| 149 | (c) |
| 150 | (a) |