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UPSC NDA Exam 2007-I General Ability Test
Solved Paper

General Ability Test

Part-A

ANTONYMS

1. PROTRACT

- (a) Not to display
- (b) To indulge in extravagance
- (c) Not to be careful about future
- (d) To cut short

2. DEBILITATE

- (a) To argue
- (b) To strengthen
- (c) To guess
- (d) To conspire

3. PERTINACIOUS

- (a) Irretrievable
- (b) Insipid
- (c) Irresolute
- (d) Reproof

4. IMPECUNIOUSNESS

- (a) Smoothness
- (b) Carefree nature
- (c) Affluence
- (d) Stability

5. INIMICAL

- (a) Supportive
- (b) Inquisitive
- (c) Lack-lustre
- (d) Coarse

6. SCINTILLA

- (a) Unscientific
- (b) Huge quantity
- (c) Mealy-mouthed
- (d) Unpromising

7. KNAVE

- (a) Honest
- (b) Ignorant
- (c) Timid
- (d) Belligerent

8. APOCRYPHAL

- (a) Confusing
- (b) Modern
- (c) True
- (d) Unsophisticated

ORDERING OF WORDS IN A SENTENCE

9. A diversified use

as a heating or power generation fuel by converting gas into(P)/ adding a new dimension to the traditional use of gas(Q)/of natural gas is emerging(R)/ amongst other products, high quality diesel transportation fuel virtually free of sulphur(S)/ Which one of the following is the correct sequence ?

- (a) R P Q S
- (b) S Q P R
- (c) R Q P S
- (d) S P Q R

10. As things stand,

but a majority still does not have access to English(P)/ linguistic edge they are equipped with(Q)/after globally because of the(R)/Indian professionals are much sought(S)

Which one of the following is the correct sequence ?

- (a) R S P Q
- (b) S R Q P
- (c) R S Q P
- (d) S R P Q

11. While advocates

of its provisions with the (P)/ there is some misguided concern about a possible clash of some(Q)/ of social reform have generally hailed the new legislation(R)/religious and customary practices in vogue in the country (S) Which one of the following is the correct sequence ?

- (a) R Q P S
- (b) Q R S P
- (c) R Q S P
- (d) Q R P S

12. Public Interest Litigations,

as they are subjected to massive misuse(P)/but today they contribute to the backlog(Q)/were instituted as a means to help ordinary-people sidestep judicial delays to secure justice(R)/also called postcard petitions(S)

Which one of the following is the correct sequence ?

- (a) R S Q P
- (b) S R P Q
- (c) R S P Q
- (d) S R Q P

13. Among

the soldier's mindset from fighting(P)/the doctrine's other directives is the need to reorient(Q)/namely terrorists hiding among civilians(R)/the enemy to fighting his own people(S)

Which one of the following is the correct sequence ?

- (a) P Q R S
- (b) Q P S R
- (c) P Q S R
- (d) Q P R S

14. Indeed,

on how to nurture young talent at the grassroots level(P)/as the powerhouse of women's hockey(Q)/is an instructive lesson for Indian hockey bosses(R)/the non-descript town's emergence(S)

Which one of the following is the correct sequence ?

- (a) Q S R P
- (b) S Q P R
- (c) S Q R P
- (d) Q S P R

15. With pressure

to submit a report on the retreat of glaciers in Utranchal and also its impact(P)/mounting from every corner(Q)/a committee comprising scientists, geologists and technical experts(R)/the state government has finally constituted(S)

Which one of the following is the correct sequence ?

- (a) Q S P R
- (b) S Q R P
- (c) Q S R P
- (d) S Q P R

16. This could while out on sea-right from an engine breakdown to a human problem(P)/they shoulder great responsibility and have to take care of any eventuality (Q)/because while seafarers do look forward to some fun on the decks(R)/not be further from the truth(S)

Which one of the following is the correct sequence ?

- (a) P R Q S (b) S Q R P
(c) P Q R S (d) S R Q P

SYNONYMS

17. ENSCONCE
(a) To surround (b) To promote
(c) To honour (d) To settle comfortably
18. INGRATITUDE
(a) To regret
(b) To provoke
(c) To place oneself in a favourable position
(d) To feel delighted
19. AUGURY
(a) Dispute (b) Altar
(c) Place of refuge (d) Omen
20. TRANSGRESS
(a) To take loan
(b) To go beyond the limit
(c) To discuss at length
(d) To show a clean pair of heels
21. FERRET OUT
(a) To search (b) To trap
(c) To hide (d) To flee
22. USURP
(a) To be lazy
(b) To climb
(c) To seize power or position illegally
(d) To yield
23. MERCURIAL
(a) Mechanical (b) Heavy
(c) Clownish (d) Quick-changing
24. ALLEVIATE
(a) To release (b) To lessen
(c) To deprive (d) To deceive

SPOTTING ERRORS

25. It's stupid to go(a)/to the expense of taking(b)/music lessons if you never practice(c)/No error.(d)
26. You will find it difficult(a)/to explain of your use(b)/of such offensive language(c)/No error.(d)
27. Because of the(a)/extenuating circumstances,(b)/the court acquitted him out of the crime(c)/No error(d).
28. The carpet was badly stained,(a)/ to such an extent that (b)/you couldn't tell its original colour.(c)/No error. (d)
29. It is greatly to Amit's credit(a)/that he gave back the money he found;(b)/his honesty does for him credit(c)/No error.(d)
30. A terrific hue and cry(a)/was raised(b)/at the new tax proposals(c)/No error.(d)
31. The former General was(a)/exiled of his country because of(b)/his part in the plot against the government(c)/No error.(d)

32. The company has(a)/set off itself some stiff production(b)/goals for this year(c)/No error.(d)

ORDERING OF SENTENCES

33. S₁ : Several times in the history of the world, some countries and cities, have attained a high degree of civilization.
S₆ : For the barbarians are always liable to break in on you and with their greater numbers and rude vigour, scatter your civilization to the winds.
P : One of the reasons why they did not last was that they were confined to a very few people.
Q : Now it is no good being civilized if everybody around you is barbarous.
R : Yet none of these civilizations, important as they were, have lasted.
S : They were like little oases of civilization in deserts of barbarism.

Which one of the following is the correct sequence ?

- (a) P R Q S (b) R P S Q
(c) P R S Q (d) R P Q S

34. S₁ : Savages believe firmly in magic.
S₆ : Accordingly, much magic is practised in the hope of curing diseases.
P : Some of these are supposed to make the crops grow or to bring rain.
Q : Death is always supposed to be due to some sort of magic or witchcraft.
R : A great deal of their lives is concerned with performing logical rites.
S : In some parts of Africa, even today, death is not attributed to any natural causes.

Which one of the following is the correct sequence ?

- (a) S P R Q (b) R Q S P
(c) S Q R P (d) R P S Q

35. S₁ : We drove first to the foot of the mountains.
S₆ : It seemed at times that we were climbing almost perpendicularly.
P : A watercourse rushed down the mountain beside us, and a bright hot sun burst through the clouds.
Q : Then with one guide in front, and the other behind, we set off on foot along an uncompromising track.
R : But after the first few minutes I gave up looking at any of these splendid things.
S : Instead I kept my head resolutely downwards, concentrating upon the next step ahead.

Which one of the following is the correct sequence ?

- (a) P Q S R (b) Q P S R
(c) P Q R S (d) Q P R S

36. S₁ : If I could find him I might find a clue, which would help me to discover what was at the bottom of the mysteries which surrounded us.
S₆ : It would indeed be a triumph for me if I could succeed where my master had failed.
P : Holmes, my master, had missed him in London.

- Q : If this man were inside I should force him to reveal who he was, and why he had pursued us so long.
- R : Then and there, I determined to explore every hut upon the moor until I found the right one.
- S : And if I found the right hut, but without its occupant, I must wait there, howsoever long it might be, till he returned.
- Which one of the following is the correct sequence ?
 (a) S P R Q (b) R Q S P
 (c) S Q R P (d) R P S Q
37. S₁ : The man who is described as "the first truly modern scientist" was an Italian astronomer, Galileo Galilei, who was born in Pisa, in the year 1564.
- S₆ : Galileo saw, too, that all the planets, including the earth, travel round the sun.
- P : On the sun he saw dark spots that moved slowly across its surface; and this proved that the sun, like the earth, spins round itself.
- Q : With these he studied the heavens, and there he saw many wonderful things that men had never seen before.
- R : He studied at Pisa University, and became a Professor of Mathematics there, and afterwards at Padua.
- S : Galileo made many important scientific discoveries, and from the year 1609 onwards, he was the maker of the first good telescopes.
- Which one of the following is the correct sequence ?
 (a) R S Q P (b) P Q S R
 (c) R Q S P (d) P S Q R
38. S₁ : As soon as we loosened the string the lid of the basket flew into the air.
- S₆ : The boys stood up on their desks and yelled hysterically.
- P : The teacher pushed himself back on the chair and fell over.
- Q : With a loud hiss he attacked the teacher's face.
- R : There was Black Cobra, whose eyes burnt like red-hot coal and its hood was tight and undamaged.
- S : He landed on the floor and stared at the Cobra, paralysed with fear.
- Which one of the following is the correct sequence ?
 (a) R S P Q (b) P Q R S
 (c) R Q P S (d) P S R Q
39. S₁ : While English must be actively promoted, it would be foolhardy to let regional languages fall off the radar.
- S₆ : In the 21st century marketplace, languages are the new bargaining chips.
- P : To be able to integrate socially and excel in great Indian marketplace, it makes good sense to be conversant with regional languages other than just one's mother tongue.
- Q : Indeed, most urban Indians are bilingual and speak a smattering of at least a third language.

R : A willingness to adopt and adapt to another language will enrich the individual.

S : Migration to where opportunity beckons is the order of the day and Indians are constantly shifting base within the country.

Which one of the following is the correct sequence ?

- (a) R P S Q (b) Q S P R
 (c) R S P Q (d) Q P S R

40. S₁ : It takes years to build trust.

S₆ : The company takes periodic litigation and non-litigation actions against errant resellers who indulge in the sale of pirated or unlicensed software.

P : After all, your customers come back to you only, because they trust you to give them the best.

Q : And just one wrong to undo it.

R : They follow your advice as you have consistently showcased true quality in every aspect of your relationship.

S : Our company respects this and is working towards ensuring that only its genuine software is available to customers.

Which one of the following is the correct sequence ?

- (a) Q S R P (b) R P Q S
 (c) Q P R S (d) R S Q P

COMPREHENSION

PASSAGE I

The young are those to whom we look for future strength and for future good; and the longer we live, the more anxious we become that they who are to be the fresh recruits should be morally of right stature. Around them are peculiar temptations and trials, witching, cunning, insidious and forceful: and we are obliged to see thousands falling by the way, whose fall seems needless. They, like ourselves, are to have but one chance in life. We who are somewhat advanced in years, seeing how many perils there are round about that one chance, feel an earnest desire that every advantage should be given to those who are coming onto fill our places. We can live but once; and life is usually moulded and takes its shape very early.

41. Which one of the following is correct? The author looks upon the young as :
 (a) handsome and healthy
 (b) an embodiment of possibilities
 (c) strong and hardworking
 (d) a group of boys and girls who are obedient and dutiful
42. What does the phrase "morally of right stature" mean ?
 (a) Being highly educated
 (b) Having a good personality
 (c) Having rectitude
 (d) Feeling superior to others
43. Which one of the following is correct ?
 The failure of many a young men and women is
 (a) well deserved (b) unwarranted
 (c) fortuitous (d) sad

PASSAGE II

There are a great many people who have all the material conditions of happiness, i.e., health, sufficient income and clout, but who nevertheless, are profoundly unhappy. In such cases it would seem as if the fault must lie with a wrong theory as to how to live. We imagine ourselves more different from the animals than we are. Animals live on impulse and are happy as long as external conditions are favourable. Your needs are more complex than those of your pets but they still have their basis in instinct. In civilised societies, this is too apt to be forgotten. People propose to themselves some paramount objective and restrain all impulses that do not minister to it. A businessman may be so anxious to grow rich that to this end he sacrifices health and private affection. When at last he has become rich, no pleasure remains to him except harrying other people by exhortations to initiate his noble example.

44. Which one of the following is correct?
 The "material conditions of happiness" do not include
 (a) health (b) money
 (c) power (d) hope
45. Which one of the following is correct? Modern man is very unhappy because he
 (a) is always busy making money
 (b) feels alienated from his fellow beings
 (c) cannot communicate with animals
 (d) suppresses his inner urges
46. Which one of the following is correct? The author is of the opinion that
 (a) we are superior to animals
 (b) animals are more impulsive than us
 (c) we are really not very different from animals
 (d) we have the unique ability to control our impulses
47. What does the phrase "do not minister to it" mean?
 (a) Do not support it (b) Do not oppose it
 (c) Are ignorant about it (d) Are careless about it

PASSAGE III

The first of the political causes of war is war itself. Many wars have been fought, among other reasons, for the sake of seizing some strategically valuable piece of territory, or in order to secure a 'natural' frontier, that is to say, a frontier which is easy to defend and from which it is easy to launch attacks upon one's neighbours. Purely military advantages are almost as highly praised by the rulers of nations as economic advantages. The possession of an army, navy and air force is itself a reason for going to a war. 'We must use our forces now', so runs the militarist's argument, 'in order that we may be in a position to use them to better effect next time.'

48. Why have wars been fought?
 (a) To use weapons and make room for fresh purchase
 (b) Because people want to show their neighbours that they are strong
 (c) To capture some areas of another country which are of strategic importance
 (d) To teach neighbouring countries a good lesson
49. What does a 'natural' frontier mean?
 (a) An area on the border from where you can keep watch on or attack your enemy
 (b) Some place on the border of a country having beautiful natural scenery
 (c) A borderline that has been naturally chosen by two neighbouring countries
 (d) A sudden gift of land by nature because of sudden change in the course of a river
50. Which one of the following is correct? 'Military advantages' and 'economic advantages':
 (a) are the same for a country
 (b) may or may not be the same but the rulers make them appear to be the same
 (c) are completely different for a country
 (d) go against each other

PART-B

51. A surge of which hormone stimulates ovulation in human females?
 (a) Luteinizing hormone
 (b) Estrogen
 (c) Follicle stimulating hormone
 (d) Progesterone
52. Which one of the following carries out the function in human beings similar to the one which Malpighian tubules perform in cockroaches and other insects?
 (a) Lungs
 (b) Kidneys
 (c) Heart
 (d) Reproductive organs
53. Which one of the following is considered as a cell within a cell?
 (a) Ribosome (b) Chloroplast
 (c) Lysosome (d) Golgi complex
54. Which one of the following is the principal structural element of a living cell?
 (a) Oxygen (b) Hydrogen
 (c) Carbon (d) Nitrogen
55. Which one of the following types of plants produces spores and embryo, but without seeds and vascular tissues?
 (a) Gymnosperms
 (b) Pteridophytes
 (c) Bryophytes
 (d) Angiosperms
56. Lobsters belong to which one of the following classes of organisms?
 (a) Arachnids
 (b) Crustaceans
 (c) Insects
 (d) Myriopods

57. Consider the following statements :

1. Brinjal is a good source of iron.
2. Pumpkin is a good source of vitamin A.

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

58. In a living cell, what is the site of ribosome formation ?

- (a) Golgi bodies
(b) Endoplasmic reticulum
(c) Plasma membrane
(d) Nucleolus

59. In which country is the active volcano Mount Merapi located ?

- (a) Philippines (b) Japan
(c) Indonesia (d) Italy

60. Consider the following statements :

1. All cyclones develop an eye at the centre.
2. The temperature inside the eye is nearly 10°C lesser than that of the surroundings.

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

61.



In the above map, the marked area shows which one of the following ranges of annual rainfall received by that area ?

- (a) Less than 50 cm
(b) Between 50 and 100 cm
(c) Between 100 and 200 cm
(d) More than 200 cm

62. Consider the following statements:

1. The approach of a cyclone is characterised by a rise in barometric reading.
2. In the cyclones of the northern hemisphere, the winds circulate in anticlockwise direction.

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

63. Which one of the following cities is located on the bank of the Irrawady river ?

- (a) Bangkok (b) Hanoi
(c) Manila (d) Yangon

64. Granite and Basalt are the examples of which of the following ?

- (a) Sedimentary rocks (b) Metamorphic rocks
(c) Igneous rocks (d) Calcareous rocks

65. Which region of the Earth's surface is called doldrums ?

- (a) Equatorial low pressure belt
(b) Sub-tropical high pressure belt
(c) Between 10° to 23.5° North and South Latitudes
(d) Sub-polar low pressure belt

66. Which one of the following is a low cloud ?

- (a) Cirrocumulus (b) Cirrostratus
(c) Altopumulus (d) Nimbostratus

67. Which one of the following political theories advocates the "Dictatorship of Proletariat" ?

- (a) Democratic socialism
(b) Fabian socialism
(c) Liberalism
(d) Marxism

68. Which Five- Year Plan had an objective of "Rapid industrialization with particular emphasis on development of basic and heavy industries" ?

- (a) First (b) Second
(c) Third (d) Fourth

69. What is the term of a Member of the Rajya Sabha ?

- (a) Three years (b) Four years
(c) Five years (d) Six years

70. What is the number of the permanent members of the UN Security Council ?

- (a) Five (b) Six
(c) Ten (d) Fifteen

71. What is the reason for white cement to be white ?

- (a) It does not contain carbon
(b) It does not contain silicon
(c) It does not contain iron
(d) It does not contain calcium

72. At NTP, the least volume will be occupied by 15 g of which one of the following ?

- (a) NH₃ (b) O₂
(c) N₂ (d) Ne

73. What is iodised table salt ?

- (a) An element
(b) A compound
(c) A heterogeneous mixture
(d) A homogeneous mixture

74. At 30°C, which 3 metals are all liquids ?

- (a) Hg, Fe, Zn (b) Hg, Sn, Pb
(c) Zn, Pb, Sn (d) Hg, Ga, Cs

75. Which one of the following noble gases is not found in the atmosphere ?

- (a) Argon (b) Krypton
(c) Radon (d) Xenon

76. Which one of the following is the correct statement ?

The force binding the nucleons inside the nucleus is :

- (a) charge dependent
(b) strong and highly repulsive
(c) a central force
(d) charge independent

77. Which one of the following is the most effective carrier of information ?

- (a) Cables (b) Microwaves
(c) Radio waves (d) Optical fibres

78. Which one of the following does not affect the motion of a moving electron ?
 (a) Electric field applied in the direction of motion
 (b) Magnetic field applied in the direction of motion
 (c) Electric field applied perpendicular to the direction of motion
 (d) Magnetic field applied perpendicular to the direction of motion
79. How does time period (T) of a seconds pendulum vary with length (l)?
 (a) $T \propto \sqrt{l}$ (b) $T \propto l^2$
 (c) $T \propto l$ (d) T does not depend on l
80. Two teams are pulling a rope with equal and opposite forces each of 5 kN in a tug of war so that a condition of equilibrium exists. What will be the tensile force in the rope ?
 (a) Zero (b) 2.5 kN
 (c) 5 kN (d) 10 kN
81. A hollow sphere of radius 50 cm is charged, such that the potential on its surface is 500 V. What is the potential at the centre of sphere ?
 (a) Zero (b) 10 V
 (c) 200 V (d) 500 V
82. Consider the following statements. Work is not done, when :
 1. a man is walking on a horizontal road.
 2. a man is climbing up a hill.
 3. a man with a load on his head is walking on a horizontal road.
 4. moon is revolving round the earth.
 Which of the statements given above are correct ?
 (a) 1 and 3 only (b) 1 and 4 only
 (c) 2, 3 and 4 (d) 1, 3 and 4
83. Consider the following statements :
 A body weighs less at the equator than at the poles because :
 1. earth rotates about its axis.
 2. the ice cap at the poles increases gravitational pull.
 3. equatorial diameter is greater than the polar diameter.
 4. of some unknown facts.
 Which of the statements given above is/are correct ?
 (a) 1 and 2 (b) 3 only
 (c) 1 and 3 (d) 4 only
84. Mildness of shaving cream is enriched by which one of the following ?
 (a) Sodium silicate
 (b) Free fatty acid
 (c) Potassium carbonate
 (d) Sodium chloride
85. What is the weight of one atom of Hydrogen in grams ?
 (a) 6.023×10^{-23} (b) 1.66×10^{-24}
 (c) 6.62×10^{-24} (d) None of these
86. Which one of the following elements shows variable equivalent mass ?
 (a) Zinc (b) Silver
 (c) Calcium (d) Iron
87. An element A has valencies equal to 3 and 5. It combines with another element B having valency equal to 2. What are formulae of the compounds thus formed ?
 (a) A_2B_3 and A_2B_5 (b) A_3B_2 and A_5B_2
 (c) A_2B_3 and A_2B_5 (d) A_2B_3 and A_3B_5
88. What is the purpose of adding plasticizers in paint manufacturing process ?
 (a) They act as a film-forming constituent
 (b) They reduce the viscosity
 (c) They prevent the polymerization and condensation
 (d) They provide "elasticity" to the film and minimize its cracking
89. Which one of the following is the correct statement ?
 Graphite can be used as lubricant because it has :
 (a) a rigid structure (b) low viscosity
 (c) layered structure (d) low melting point
90. The oxide of which of the following elements is used as a coolant ?
 (a) Silicon (b) Nitrogen
 (c) Carbon (d) Phosphorus
91. The atomic weights are expressed in terms of atomic mass unit. Which one of the following is used as a standard ?
 (a) $^1\text{H}_1$ (b) $^{12}\text{C}_6$ (c) $^{16}\text{O}_8$ (d) $^{35}\text{Cl}_{17}$
92. The octet rule is not valid for which one of the following molecules ?
 (a) CO_2 (b) H_2S (c) NH_3 (d) BF_3
93. Which fertilizer is assimilated directly by the plant ?
 (a) Super phosphate (b) Nitrolim
 (c) Muriate of Potash (d) Humus
- Directions :** The following 2 (Two) 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 code given below :
 (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
94. **Assertion (A) :** Radio does not work in a moving train unless aerial is put outside the window.
Reason (R) : The train compartment acts as a hollow cylinder and charge is centred which does not allow radio to work.
95. **Assertion (A) :** An inflated rubber balloon with different loads tied at the bottom can float at different depths inside water.
Reason (R) : At a particular depth its weight is equal to the weight of the water displaced.
96. Who of the following was a contemporary of Alexander, the Great ?
 (a) Bimbisara
 (b) Chandragupta Maurya
 (c) Ashoka
 (d) Pushyamitra Sunga

97. Between whom was the Battle of Chausa fought?
 (a) Bahadur Shah of Gujarat and Humayun
 (b) Humayun and Sher Khan
 (c) Akbar and Rana Pratap
 (d) Jehangir and Rana Amar Singh
98. Which one among the following newspapers was published first?
 (a) The Madras Mail
 (b) The Indian Social Reformer
 (c) The Bengal Gazette
 (d) The Times of India
99. Who was the first Indian native ruler to accept the system of Subsidiary Alliance?
 (a) Scindia of Gwalior (b) Nizam of Hyderabad
 (c) Dalip Singh of Punjab (d) Gaikwad of Baroda
100. Who among the following was a founder of the Swaraj Party?
 (a) Vallabhbhai Patel (b) Rajendra Prasad
 (c) C. R. Das (d) Narendra Deb
101. Who among the following national leaders did not opt to defend the case dealing with the trial of the soldiers of the Indian National Army in 1945?
 (a) Sir Taj Bahadur Sapru (b) Bhulabhai Desai
 (c) C. Rajagopalachari (d) Jawaharlal Nehru
102. Aruna Asaf Ali was associated with which one of the following?
 (a) Bardoli Satyagraha
 (b) Quit India Movement
 (c) Civil Disobedience Movement
 (d) Khilafat Movement
103. Who was the Governor General of India during the launch of Civil Disobedience Movement?
 (a) Lord Chelmsford (b) Lord Reading
 (c) Lord Irwin (d) Lord Wavell
104. Who authored the Declaration of Independence (USA)?
 (a) George Washington (b) Benjamin Franklin
 (c) Thomas Jefferson (d) Calvin Coolidge
105. In which country did the Industrial Revolution begin in the year 1750?
 (a) France (b) Italy
 (c) Germany (d) England
106. The Union Executive of India consists of:
 (a) The President, Vice-President, Lok Sabha Speaker and the Council of Ministers
 (b) The President, Deputy Chairman of the Rajya Sabha, Lok Sabha Speaker and the Prime Minister
 (c) The President and the Council of Ministers only
 (d) The President, Vice-President and the Council of Ministers only
107. Which one among the following has the power to regulate the right of citizenship in India?
 (a) The Union Cabinet (b) The Parliament
 (c) The Supreme Court (d) The Law Commission
108. Match List I with List II and select the correct answer using the code given below the Lists:
List-I (UN Bodies)
 A. International Court of Justice
 B. Food and Agriculture Organization
 C. UNESCO
 D. WHO

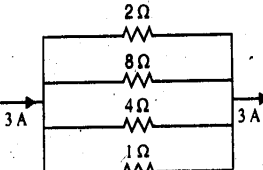
List-II (Headquarters)

- | | |
|---------------|--------------|
| 1. Geneva | 2. Rome |
| 3. Washington | 4. The Hague |
| 5. Paris | |

	A	B	C	D
(a)	2	3	5	4
(b)	1	2	3	5
(c)	3	4	1	5
(d)	4	2	5	1

109. The film director of which country won the Best Film Award and Golden Peacock at the 37th International Film Festival of India held recently in Goa?
 (a) China (b) Iran
 (c) Bangladesh (d) Russia
110. In which country was the recent NAM Summit held?
 (a) Philippines (b) Indonesia
 (c) Cuba (d) Brazil
111. According to International Astronomical Union which one of the following has lost its status as a planet?
 (a) Jupiter (b) Uranus
 (c) Neptune (d) Pluto
112. Who among the following was recently presented with the Indira Gandhi Prize for Peace, Disarmament and Development for the year 2005?
 (a) Hamid Karzai
 (b) Hu Jintao
 (c) Mahinda Rajapakse
 (d) Gloria Macapagal Arroyo
113. In which game does Suman Bala represent India?
 (a) Chess (b) Women's Hockey
 (c) Shot-put (d) Women's Cricket
114. Who among the following have scored more than 3000 runs in cricket test matches and taken more than 300 test wickets?
 1. Kapil Dev 2. Shane Warne
 3. Imran Khan 4. Shaun Pollock
 Select the correct answer using the code given below:
 (a) 1, 2 and 3 only (b) 3 and 4 only
 (c) 1 and 4 only (d) All Four
115. With which one of the following games is the Hopman Cup associated?
 (a) Badminton (b) Lawn Tennis
 (c) Hockey (d) Football
116. On one Sunday in December 2006, what was the reason for hundreds of thousands of agitators to gather in downtown Beirut?
 (a) To protest against US support to Israel in Lebanon's conflict with Israel
 (b) To protest against the US interference in Iraq and Afghanistan
 (c) To demand their Prime Minister to step down or cede power to the opposition
 (d) To show their solidarity with the Palestinians in their conflict with Israel
117. Who of the following is an accomplished vocalist?
 (a) Moru Mazumdar (b) Shiv Kumar Sharma
 (c) Satish Gujral (d) Dinanath Mishra

118. The Parliament of which one of the following proclaimed its country as an Independent State in the year 2006 after taking the referendum of its people ?
 (a) Macedonia
 (b) Montenegro
 (c) Belarus
 (d) Democratic Republic of Congo
119. Where was the last meeting of Asia-Pacific Economic Cooperation (APEC) held ?
 (a) Kuala Lumpur (b) Manila
 (c) Hanoi (d) Jakarta
120. Contaminated water can cause the following diseases except which one of the following ?
 (a) Hepatitis A (b) Typhoid
 (c) Measles (d) Cholera
121. Which one of the following diseases is caused by bacteria and spreads through faecal matter by houseflies ?
 (a) Pertussis (b) Typhoid
 (c) Diphtheria (d) Chickenpox
122. Consider the following statements :
 1. Ranjit Sagar Dam is on the river Beas.
 2. Hirakud Dam is on the river Damodar.
 3. The reservoir Gandhi Sagar is on the river Chambal.
 Which of the statements given above is/are correct ?
 (a) 1 and 2 (b) 3 only
 (c) 2 and 3 (d) 1 and 3
123. Which one among the following states has more population than the other three ?
 (a) Gujarat (b) Madhya Pradesh
 (c) Orissa (d) Rajasthan
124. Match List I with List II and select the correct answer using the code given below the Lists :
List-I (Mineral)
 A. Bauxite B. Copper
 C. Iron ore D. Coal
List-II (Mine)
 1. Balaghat 2. Korba
 3. Singareni 4. Keonjhar
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 4 | 1 | 3 |
| (b) | 3 | 1 | 4 | 2 |
| (c) | 3 | 4 | 1 | 2 |
| (d) | 2 | 1 | 4 | 3 |
125. During the reign of Alauddin Khilji, who were amils ?
 (a) Local landlords at village level
 (b) Government agents to collect land revenue
 (c) Khurasani and Multani traders of foodgrains
 (d) Banjaras who carried the food-grains from villages to towns
126. Consider the following statements :
 1. International Date Line lies on the Greenwich Meridian.
 2. The date of Alaska is ahead of the date of Siberia.
 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
27. Which of the following two countries are separated by the 49th Parallel ?
 (a) North Korea and South Korea
 (b) South Africa and Zimbabwe
 (c) USA and Canada
 (d) France and Germany
128. Which one of the following is the correct sequence of the hills of Meghalaya, from east to west ?
 (a) Garo - Khasi - Jaintia (b) Jaintia - Khasi - Garo
 (c) Khasi - Jaintia - Garo (d) Jaintia - Garo - Khasi
129. With reference to the Indian Freedom struggle, which one of the following is the correct chronological order of the given events ?
 (a) Partition of Bengal - Lucknow Pact - Surat split of Congress
 (b) Partition of Bengal - Surat split of Congress - Lucknow Pact
 (c) Surat split of Congress - Partition of Bengal - Lucknow Pact
 (d) Surat split of Congress - Lucknow Pact - Partition of Bengal
130. Match List I with List II and select the correct answer using the code given below the Lists :
List-I (Industry)
 A. Aluminium B. Heavy Electricals
 C. Petrochemicals D. Cotton Textiles
List-II (Industrial Centre)
 1. Coimbatore 2. Renukoot
 3. Vadodara 4. Jagdishpur
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 4 | 3 | 1 |
| (b) | 1 | 3 | 4 | 2 |
| (c) | 1 | 4 | 3 | 2 |
| (d) | 2 | 3 | 4 | 1 |
131. Match List I with List II and select the correct answer using the code given below the Lists:
List-I (National Highway No.)
 A. NH 5 B. NH 7
 C. NH 9 D. NH 12
List-II (Cities connected)
 1. Bhopal-Jaipur 2. Bhubaneswar- Chennai
 3. Nagpur-Varanasi 4. Pune-Hyderabad
- | | A | B | C | D |
|-----|---|---|---|---|
| (a) | 2 | 1 | 4 | 3 |
| (b) | 4 | 3 | 2 | 1 |
| (c) | 2 | 3 | 4 | 1 |
| (d) | 4 | 1 | 2 | 3 |
132. Which one of the following pairs of oceans and currents is not correctly ?
 (a) North Atlantic Ocean : Canaries current
 (b) Eastern Pacific Ocean : Kuroshio current
 (c) South Atlantic Ocean : Falkland current
 (d) Indian Ocean : Agulhas current
133. Savanna natural region is characterized by which one of the following ?
 (a) A distinct wet and dry season with annual range of temperature between 3°C - 8°C
 (b) Broad-leaf evergreen forests and grasses
 (c) Uniformly high temperature throughout the year
 (d) No spatial variation in mean annual rainfall

- 134.** Which one of the following pairs is correctly matched ?
- | Rivers | Major Tributaries |
|--------------|-------------------------------|
| (a) Godavari | : Pairi, Hasdo, Tel |
| (b) Maha | : Puma, Penganga, Wainganga |
| (c) Krishna | : Manjra, Dudhana, Indravati |
| (d) Cauvery | : Kabani, Hemavati, Amaravati |
- 135.** Which forests lie in the Amazon Basin in South America ?
 (a) Montane forests
 (b) Tropical rain forests
 (c) Wet deciduous forests
 (d) Subtropical mixed forests
- 136.** Consider the following statements :
 If there were no capillarity,
 1. it would be impossible to use a kerosene lamp.
 2. one would not be able to use a straw to consume a soft drink.
 3. the blotting paper would fail to function.
 4. there would have been no plants on the earth.
 Which of the statements given above are correct ?
 (a) 1, 2 and 4 (b) 1, 3, 4
 (c) 2, 3 (d) 1, 2, 3, 4
- 137.** Which one of the following is not the characteristic of X-rays ?
 (a) No medium is required for their propagation
 (b) They obey laws of reflection
 (c) They travel with the speed of light waves
 (d) They are longitudinal in nature
- 138.** How long does it take light from the sun to reach to the earth (approximately) ?
 (a) 2 min
 (b) 4 min
 (c) 8 min
 (d) 16 min
- 139.** Which one of the following is used to remove Astigmatism for a human eye ?
 (a) Concave lens
 (b) Convex lens
 (c) Cylindrical lens
 (d) Prismatic lens
- 140.** When an electric bulb breaks, what is the reason for a mild bang ?
 (a) A chemical reaction between the enclosed gases
 (b) Compressed gases rush out suddenly
 (c) The air rushes in to fill the evacuated space
 (d) None of the above
- 141.** The value of which one of the following quantities remains same in all systems of units ?
 (a) Acceleration due to gravity
 (b) Specific gravity
 (c) Pressure
 (d) Density
- 142.** Two spheres of the same metal have radii in the ratio 1 : 2. Their heat capacities are in what ratio ?
 (a) 1 : 2 (b) 1 : 4
 (c) 2 : 1 (d) 1 : 8
- 143.** Which one of the following is the correct statement ?
 For an open circuit, the value of load,
 (a) would be infinite
 (b) would be zero
 (c) depends on the voltage of the source
 (d) depends on other components of circuit
- 144.** What would be the power of an engine which supplies 18 kJ of energy per minute ?
 (a) 200 W
 (b) 250 W
 (c) 300 W
 (d) 1080 W
- 145.** If the linear momentum of a body is increased by 5%, by what percentage shall the kinetic energy increase (approx.) ?
 (a) 10%
 (b) 20%
 (c) 25%
 (d) 50%
- 146.** Which one of the following is the correct statement ?
 A fairly uniform magnetic field is produced
 (a) inside a horse-shoe magnet
 (b) inside a cylindrical conductor
 (c) inside a solenoid
 (d) between two parallel conductors
- 147.** Which one of the following is the correct statement ?
 If pieces of copper and germanium are cooled from room temperature to liquid nitrogen temperature, then the
 (a) resistance of each increases
 (b) resistance of each decreases
 (c) resistance of copper decreases while that of germanium increases
 (d) resistance of copper increases while that of germanium decreases
- 148.** A wire of resistance $16\ \Omega$ is bent in the form of a circle. What is the effective resistance between diametrically opposite points ?
 (a) $1\ \Omega$
 (b) $2\ \Omega$
 (c) $4\ \Omega$
 (d) $8\ \Omega$
- 149.** Which of the following nuclei undergo fission when struck by thermal neutrons ?
 1. ${}^{235}\text{U}$
 2. ${}^{238}\text{U}$
 3. ${}^{239}\text{Pu}$
 Select the correct answer using the code given below :
 (a) 1 and 2
 (b) 2 and 3
 (c) 1 and 3
 (d) 1, 2 and 3
- 150.**
- 
- If an input current 3 A flows through the circuit shown above, what is the value of the current flowing through the 4 W resistor ?
 (a) 1.6 A
 (b) 0.8 A
 (c) 0.75 A
 (d) 0.4 A

Ans: General Ability Test

1	(d)	51	(a)	101	(c)
2	(b)	52	(b)	102	(b)
3	(b)	53	(b)	103	(c)
4	(c)	54	(c)	104	(c)
5	(a)	55	(c)	105	(d)
6	(b)	56	(b)	106	(c)
7	(a)	57	(c)	107	(b)
8	(c)	58	(d)	108	(d)
9	(c)	59	(c)	109	(a)
10	(b)	60	(c)	110	(c)
11	(a)	61	(a)	111	(d)
12	(d)	62	(c)	112	(a)
13	(b)	63	(d)	113	(b)
14	(c)	64	(c)	114	(d)
15	(c)	65	(a)	115	(b)
16	(d)	66	(d)	116	(c)
17	(d)	67	(d)	117	(a)
18	(c)	68	(b)	118	(b)
19	(d)	69	(d)	119	(c)
20	(b)	70	(a)	120	(c)
21	(a)	71	(c)	121	(b)
22	(c)	72	(b)	122	(d)
23	(d)	73	(d)	123	(b)
24	(b)	74	(d)	124	(b)
25	(b)	75	(c)	125	(b)
26	(b)	76	(d)	126	(d)
27	(c)	77	(d)	127	(c)
28	(a)	78	(d)	128	(a)
29	(b)	79	(d)	129	(b)
30	(c)	80	(c)	130	(a)
31	(b)	81	(d)	131	(c)
32	(b)	82	(d)	132	(b)
33	(b)	83	(d)	133	(c)
34	(d)	84	(c)	134	(d)
35	(d)	85	(b)	135	(b)
36	(b)	86	(d)	136	(b)
37	(a)	87	(c)	137	(d)
38	(c)	88	(d)	138	(c)

39	(b)	89	(c)	139	(c)
40	(c)	90	(c)	140	(c)
41	(b)	91	(b)	141	(b)
42	(c)	92	(d)	142	(d)
43	(b)	93	(c)	143	(a)
44	(d)	94	(c)	144	(c)
45	(d)	95	(a)	145	(a)
46	(c)	96	(b)	146	(c)
47	(a)	97	(b)	147	(c)
48	(c)	98	(c)	148	(c)
49	(a)	99	(b)	149	(c)
50	(b)	100	(c)	150	(d)