

ENGINEERING SERVICE EXAMINATION - 2007**GENERAL ABILITY TEST**

Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET DOES NOT HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.

2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C** OR **D** AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.

3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.

4. This Test Booklet contains **120** items (questions), 60 in PART-A and 60 in PART-B. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.

5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.

6. All items carry equal marks.

7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.

8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet.

9. Sheets for rough work are appended in the Test Booklet at the end.

10. Penalty for wrong answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

(i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third (0.33) of the marks assigned to that question will be deducted as penalty.

(ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.

(iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

PART-A

ORDERING OF SENTENCES

Directions (For the 8 items which follow):

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

Example 'X' has been solved for you.
(EXAMPLE)

- X. S_1 : There was a boy named Jack.
 S_2 : At last she turned him out of the house.
P: So the mother asked him to find work.
Q: 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) R - Q - P - S
(b) P - Q - R - S
(c) Q - P - R - S
(d) R - P - S - Q

Explanation:

The correct sequence in this example is R - Q - P - S, which is marked by (a). Therefore, (a) is the correct answer.

1. S_1 : The canvas of human rights is as large as life itself.

S_6 : In all such endeavours, the world is a small village, with a great deal to be learned from each other in upholding human rights.

P: Upholding human rights in all the spheres is a challenge which every civilized society has to accept.

Q: This will call for perpetual vigilance.

R: There are many connotations of human rights.

S: It will be necessary to ensure that there is a continuous movement forward, however small it may be.

Which one of the following is the correct sequence?

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

2. S₁: The Lok Sabha completed fifty years of its existence in May, 2002.

S₆: While one may not agree with the view that the decision to televise the proceedings of Parliament and State Legislatures was wrong, it will have to be admitted that it proved our worst fears and brought these institutions to public ridicule.

P: The pros and cons of televising Parliamentary proceedings have been debated extensively in India and abroad.

Q: In India, this task remains undone.

R: A common person can see the unseemly sight of democracy in action when the proceedings of State Legislatures are telecast.

S: The hallmark of democratic governance is Parliament's supervision and control over the executive.

Which one of the following is the correct sequence?

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

3. S₁: For ethical codes to be effective, provisions must be made for their enforcement.

S₆: In fact, they can create a false sense of security.

P: Unethical managers should be held responsible for their actions.

Q: On the other hand, one should not expect codes to solve all problems.

R: Although the enforcement of ethical codes may not be easy, the mere existence of such codes can increase ethical behaviour by clarifying expectations.

S: This means that privileges and benefits should be withdrawn and sanctions should be applied.

Which one of the following is the correct sequence?

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

4. S₁: Managing, like all other practices whether medicine, music composition, engineering, accountancy, or even baseball is an art.

S₆: Thus, managing as practice is an art; the organized knowledge underlying the practice may be referred to as a science

P: It is this knowledge that constitutes a science.

Q: It is doing things in the light of the realities of a situation.

R: Yet managers can work better by using the organized knowledge about management.

S: It is know-how

Which one of the following is the correct sequence?

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

5. S₁: So why is there so much fuss in France over creeping Americanization?

S₆: No one travelling in any part of France, city or village, could possibly mistake it for any other country.

P: Though a wealthy and sophisticated society, France has found it hard to come to terms with its decline in the pecking order of world powers.

Q: But the relative decline is not absolute decline.

R: One theory is that it has its roots in a failure of confidence.

S: The all-pervading American culture is an unwelcome reminder of days long gone when French culture held sway.

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

6. S₁: The Bundela Rajputs were Suryavanshis.

S₆: There are accounts that the Bundelas branched off from the Kannauj Pratihara dynasty.

P: It is also said that the Vindhya was the name given to the lineage, which over time was altered to Bundela.

Q: A satisfied Devi accorded the blessing that the drop of blood falling on the sacrificial altar would yield great rulers.

R: The chief cut off his own head as an offering.

S: Legend has it that a local Gahrwar Rajput chief did tireless penance to appease the goddess Vindhyavasini Devi at her abode on the Vindhyan range.

Which one of the following is the correct sequence?

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

7. S₁: Even those areas which are well above the sea level will feel the impact of climate change.

S₆: More importantly, we must take a totally different approach to management of water resources.

P: Take an area like the Sunderbans, which is really low lying, you need some kind of protection over there to ensure that life and property stay protected.

Q: If you get the kind of cloudburst that Mumbai had in 2005 and the sea level was much higher, the drainage would be much less effective.

R: We need to take a second look at all these vulnerable areas and then take a series of adaptation measures.

S: We are really caught between two factors, one is the increase in the sea level and the other is the higher probability of extreme precipitation effects.

Which one of the following is the correct sequence?

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

8. S₁ : There were not many people in the United States from my part of the country.

S₆: That was quite unusual because most of my friends who went to the United States stayed back to make their careers.

P: But my grandfather's sudden demise became the cause of my return to India.

Q: I would have stayed there for a year more to do economics.

R: originally intended to do business administration.

S: It was an emotional decision on my part because he always wanted me to come back and get into business.

Which one of the following is the correct sequence?

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

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

11. While in the years to come the salary gaps will be adequately filled if not surpassed
(P)
tourism and hospitality sector pales slightly in comparison
(Q)
to other service industries like the IT and BPO sectors
(R)
when it comes to pay packages, veterans of the field believe that
(S)

Which one of the following is the correct sequence?

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

12. A dysfunctional
family is one in which physical, emotional or sexual abuse is experienced
(P)
and when there is inconsistent and unpredictable parenting or neglectful parent-child
interactions
(Q)
where one or both parents are unable to fulfil their responsibilities
(R)
due to mental illness or substance abuse
(S)

Which one of the following is the correct sequence?

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

13. Hard
where producers and consumers sell and buy in whatever market takes their fancy
(P)
though it is to get economists to agree on anything
(Q)
and thus an interlocking system of world trade
(R)
there does seem to be a consensus to accelerate globalization
(S)

Which one of the following is the correct sequence?

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

(d) R – P – Q – S

14. Over the past five decades
but the post cold-war era brings new challenges to the UN

(P)

particularly its peacekeeping operations for which demand has increased sharply

(Q)

in every area of the United Nations Charter

(R)

international cooperation has brought advances

(S)

Which one of the following is the correct sequence?

(a) P – Q – S – R

(b) S – R – P – Q

(c) P – R – S – Q

(d) S – Q – P – R

15. Since offer them a means of satisfying their own personal goals

(P)

People tend to follow those who in their view

(Q)

this understanding in carrying out their managerial actions, the more effective they are likely to be as leaders

(R)

the more managers understand what motivates their subordinates, and the more they reflect

(S)

Which one of the following is the correct sequence?

(a) Q – P – S – R

(b) R – S – P – Q

(c) Q – S – P – R

(d) R – P – S – Q

16. The Roman Empire in spite of the absence of modern industrial technologies

(P)

could be crossed and enormous territories controlled

(Q)

in the pre-modern period and its testimony to the way in which huge distances

(R)

was one of the greatest achievements of state-building

(S)

Which one of the following is the correct sequence?

(a) Q – R – S – P

(b) S – P – Q – R

(c) Q – P – S – R

(d) S – R – Q – P

SYNONYMS

Directions (For the 8 items which follow):

Each of the following **eight** items consists of a word 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 letters.

17. GARISH

- (a) Selfish
- (b) Affluent
- (c) Unpleasantly over coloured
- (d) Person with great intellect

18. WRAITH

- (a) Dead body
- (b) Ghost
- (c) Extreme anger
- (d) Circle of flowers

19. TIMOROUS

- (a) Time-consuming
- (b) Timely
- (c) Threatening
- (d) Timid

20. EXPLICATE

- (a) To apologize
- (b) To make something complicated
- (c) To strengthen
- (d) To explain

21. EXACTION

- (a) Demand
- (b) Aggravation
- (c) Accuracy
- (d) Collaboration

22. DANK

- (a) Taut
- (b) Rite
- (c) Dry
- (d) Damp

23. PORTENTOUS

- (a) Imaginary
- (b) Ominous
- (c) Demonstrate
- (d) Convincing

24. SURREPTITIOUS

- (a) Deceitful
- (b) Savoury
- (c) Insipid
- (d) Painful

Directions (For the 8 items which follow):

For each of the following **eight** items, select the word/ group of words that is closest in meaning to the underlined portion of the given sentence.

25. A conscientious worker is always admired by his superior officers.
(a) Smart
(b) Sincere
(c) Extrovert
(d) Reticent
26. Amit was cut to the quick when he learnt that his brother had cheated him.
(a) Flummoxed
(b) Become unconscious
(c) Felt guilty
(d) Was deeply hurt
27. Romila is not easily pleased by anything
(a) Fastidious
(b) Thrifty
(c) Profligate
(d) Swanky
28. The host of the party did not like the gratuitous remarks made by one of the guests.
(a) Personal
(b) Critical
(c) Uncalled for
(d) Flattering
29. His brother is leading a sequestered life.
(a) Secluded
(b) Unhealthy
(c) Disreputable
(d) Marked by affluence
30. The Chief Executive Officer is known for his martinet approach.
(a) A style marked by indifference
(b) A style marked by empathy
(c) A style marked by strict discipline
(d) A style marked by innovative management practices
31. Shobit's parsimonious nature is known to all his friends.
(a) Selfish
(b) Miserly
(c) Vindictive
(d) Indecisive

32. After the event, the manager looked knackered.
- (a) Satisfied
 - (b) Delighted
 - (c) Tired
 - (d) Wiser

ANTONYMS

Directions (For the 8 items which follow):

Each of the following **eight** items consists of a word in capital letters, followed by four words or groups of words. Select the word or group of words that is **furthest** in meaning to the word in capital letters.

33. CHARLATAN

- (a) Charitable person
- (b) Person with miserly habits
- (c) Person having sound special skills
- (d) Person who loves outdoor games

34. QUIXOTIC

- (a) Fickle
- (b) Effective
- (c) Overdressed
- (d) Practical

35. IMPECUNIOUSNESS

- (a) Affluence
- (b) Commitment
- (c) Pliability
- (d) Puerility

36. FECKLESS

- (a) Shy
- (b) Efficient
- (c) Infertile
- (d) Escapable

37. PROLIX

- (a) Promise
- (b) Generous
- (c) Terse
- (d) Careless

38. CRAVEN

- (a) Intrepid
- (b) Irresponsible
- (c) Greedy
- (d) Grateful

41. Many a student are (a) frustrated because (b) of unemployment. (c) No error (d)
42. The article should not (a) exceed more than (b) five hundred words. (c) No error (d)
43. He ought (a) not have done such (b) a filthy thing. (c) No error (d)
44. The Chief Minister couldn't but help (a) shedding tears at the plight of the (b) villagers rendered homeless by a devastating cyclone. (c) No error (d)
45. The trust has succeeded (a) admirably in raising (b) money for its future programmes. (c) No error (d)
46. Emphasis on equality of life ensures (a) for the health and happiness (b) of every individual. (c) No error (d)
47. It does not matter how you do it: (a) what I want is that (b) you should finish the work within a week. (c) No error (d)
48. Please understand that (a) the dispute on this issue is between my brother and myself (b) and concerns nobody else. (c) No error (d)

COMPREHENSION

Directions (For the 12 items which follow):

In this section you have TWO short passages. After each passage, you will find several questions based on the passage. First, read a 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.

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

PASSAGE (EXAMPLE)

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 beings
- (d) even the weakest creature struggles to preserve its life

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 over-riding 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

I. 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 - I

Fungi form an isolated group within the plant kingdom and indeed are regarded by many as forming a separate kingdom of their own. They differ from all other plants by their lack of the green pigment chlorophyll, in the construction of thread-like units known as hyphae and their method of reproduction.

Reproduction occurs by spores either of sexual or asexual origin. The spore germinates, sending out a germ-tube that elongates to produce a thread-like, usually septate, filament that then branches out repeatedly. By continued ramifications, these threads or hyphae form a cobweb or felt-like sheet known as a mycelium. In most instances, fusion between two hyphae, usually from different mycelia, must occur before a fruit-body can be produced. Even then this process will only take place given the correct climatic factors and a sufficient food supply. Fungi differ from the higher plant forms by the absence of the green pigment chlorophyll, which enables plants to photosynthesize. By this process green plants are able to obtain their carbohydrates; the chlorophyll in their leaves fixes atmospheric carbon dioxide in the presence of sunlight and water to

manufacture sugar for their nutrition. As fungi are unable to do this they have to obtain their carbohydrates from decomposed animal or plant tissues. Hence they are found in habitats rich in rotting vegetation such as woodland, grassland, compost heaps, sawdust piles and on dung or manure heaps.

49. Consider the following statements:

Fungi grow on rotting vegetation or animal because

1. they cannot produce their own food
2. this provides them with the food they need

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

50. What are fungi?

- (a) Cells
- (b) Plants
- (c) Animals
- (d) Dead matter

51. Consider the following statements:

1. Fungi are the green pigment called chlorophyll.
2. All plants other than fungi have chlorophyll.

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

52. How do fungi reproduce?

- (a) They reproduce from seeds
- (b) Spores are the means for their reproduction
- (c) They reproduce through saprophytes
- (d) They reproduce through decomposed animal or plant tissues

53. Consider the following statements:

1. A mycelium is another name for chlorophyll.
2. Fungi obtain carbohydrates from hyphae.

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

54. Consider the following statements:

Sugar cannot be produced by plants unless

1. chlorophyll is present
2. sunlight, water and carbon dioxide are present

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

PASSAGE - I

Today, the import duty on a complete machine is 35% for all practical purposes, whereas the import duty on the raw materials and components ranges from 40%-85%. The story does not end here. After paying such high duties on components, once a machine is made; it is subject to excise duty from 5%-10%. At the time of sale, the machine tools are subject to further taxation, i.e., Central sales tax or State sales taxes which range from 4%-,16%. This much for the tax angle. Another factor which pushes the cost of manufacture of machine tools is the very high rate of interest payable to banks ranging up to 22%, as against 4%-7% prevailing in other advanced countries.

The machine tool industry in India has an enviable record of very quick technology absorption, assimilation and development. There are a number of success stories about how machine tool builders were of help at the most critical times. It will be a pity, in fact a tragedy, if we allow this industry to die and disappear from the scene.

It may be noted that India is at least 6000 km away from any dependable source of supply of machine tools. The Government of India has always given a great deal of importance to the development of small scale and medium scale industries. This industry has also performed pretty well. Today, they are in need of help from India's machine tool industry to enable them to produce quality components at reduced costs. Is it anybody's case that the needs of this fragile sector will be met from a distance of 6000 km?

Then, what is it that the industry expects from the Government? It wants a level playing field. In fact, all of us must have a deep introspection and recognize the fact that the machine tool industry has a very special place in the country from the point of strategic and vital interests of the nation.

55. Consider the following statements:

1. The machine tool industry has a very meagre role to play in India.
2. The performance of the small scale industry can be further improved with the help from the Indian machine tool industry.

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

56. Which of the following best explains the sentence "It wants a level playing field"?

The machine tool industry in India

- (a) needs liberalized policy to import the desired components at a low cost
- (b) needs land at subsidized rate
- (c) needs electricity at subsidized rate
- (d) wants to adopt novel marketing strategies for sales promotion

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

- (a) The Government of India has taken due notice of the problems of the machine tool industry
- (b) The Government of India has not taken sufficient measures to help the machine tool industry
- (c) India should not waste its precious resources on the production of machine tools
- (d) Banks in other countries are running in loss owing to a low interest rate

58. According to the passage, all the following factors are responsible for high cost of machine tools in India, **except**

- (a) sales tax
- (b) excise duty
- (c) higher duty on components
- (d) high profit of margin of the manufacturers

59. Why do small and medium scale industries look for help from India's machine tool industry?

1. To compete with the IT sector
2. To produce components at lower cost without sacrificing quality

Select the correct answer using the code given below :

Code:

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

60. If the banks' rate of interest in India is made at par with that in the other advanced countries, how will the cost of manufacture of machine tools in India vary?

- (a) It will go up by 22%
- (b) It will go up by 4% to 7%
- (c) It will remain the same
- (d) It will decrease considerably

PART-B

61. Due to whose efforts were the legal obstacles to the remarriage of widows removed through law in the year 1856?

- (a) Raja Rammohan Roy
- (b) Keshab Chandra Sen
- (c) Ishwar Chandra Vidyasagar
- (d) Devendranath Tagore

62. Consider the following statements:

1. In the Lok Sabha proceedings, when the voting is done, the Speaker of Lok Sabha can never cast his vote.
2. In the warrant of precedence, the Deputy Chairman of Rajya Sabha is equal to the Speaker of Lok Sabha in rank.

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. In terms of value in US dollars, the share in world exports is lowest for which one among the following?

- (a) Hong Kong
- (b) India
- (c) Malaysia
- (d) Singapore

64. Consider the following statements:

1. The States Reorganization Commission appointed by Pandit Nehru in its report opposed the splitting of the then Bombay and Punjab States.
2. The States Reorganization Act passed in the year 1956 provided for 18 States and 7 Union Territories.

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

65. Consider the following famous places:

1. Dharmasthala
2. Khajuraho
3. Ranakpur

Which of the above places is/ are well-known for Jain architecture?

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

66. Lala Lajpat Rai was assaulted by police in a demonstration which caused his death. That demonstration was against

- (a) Rowlatt Act
- (b) Jallianwala Bagh Massacre
- (c) Arrival of Simon Commission
- (d) Public Safety Ordinance

67. With reference to Indian freedom struggle, consider the following:

1. Passing of 'Indian Press Act'
2. Surat Split of congress
3. Launch of Non-Cooperation Movement
4. Passing of 'Rowlatt Act'

Which one of the following is the correct chronological order of the above events?

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

68. Excess fluoride in drinking water can cause the following, **except**

- (a) Deformity of teeth
- (b) Hardening of bones
- (c) stiff and painful joints
- (d) Diarrhoea

69. The 74th Amendment of the Constitution of India relates to which of the following?

- (a) Public sector Undertakings
- (b) Compulsory Universal
- (c) Urban Local Bodies
- (d) Rural Local Bodies

70. Consider the following pairs:

1. Vernacular Press Act
2. Formation of Indian National Congress
3. Partition of Bengal: Lord Curzon

Which of the pairs given above is / are correct?

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

71. Among the following States, which one does **not** have any significant coal resources?

- (a) Andhra Pradesh
- (b) Bihar
- (c) Chhattisgarh
- (d) Maharashtra

72. Retreating monsoon causes sporadic rainfall in which of the following areas?

- (a) Coast of North Maharashtra
- (b) Northern Chhattisgarh
- (c) Malwa plateau and Vidarbha region
- (d) Coast of Tamil Nadu.

73. During the Indian freedom struggle, who of the following was the first Indian woman to become the President of the Indian National Congress?

- (a) Aruna Asaf Ali
- (b) Sucheta Kriplani
- (c) Sarojini Naidu
- (d) Vijayalakshmi Pandit

74. During the Indian freedom struggle, who of the following formed the party called 'Forward Bloc'?

- (a) C. R. Das
- (b) M. N. Roy
- (c) Rash Behari Bose
- (d) Subhash Chandra Bose

75. The Indian freedom fighters Ashfaqulla Khan and Ramprasad Bismil were hanged due to their involvement in which one of the following?

- (a) Chittagong armoury raid
- (b) Kanpur conspiracy case
- (c) Meerut conspiracy case
- (d) Kakori conspiracy case

76. In the context of the Indian freedom struggle, the famous 3rd June plan is also known as which one of the following?

- (a) Cabinet Mission Plan
- (b) Rajagopalachari Formula
- (c) Mountbatten Plan
- (d) Wavell Plan

77. Under whose viceroyalty was the interim government with Pandit Nehru as head formed?

- (a) Lord Irwin
- (b) Lord Linlithgow
- (c) Lord Wavell
- (d) Lord Mountbatten

78. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I

List-II

(Industrial Unit)				(State)
A. Damanjodi Aluminium refinery				1. Andhra Pradesh
B. Debari zinc smelter				2. Maharashtra
C. Ramgiri gold-field				3. Orissa
D. Talaja copper project				4. Rajasthan
Code: A	B	C	D	
(a)	2	4	1	3
(b)	2	1	4	3
(c)	3	1	4	2
(d)	3	4	1	2

79. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Eminent Citizens)				List-II (Well-known as)
A. Hema Bharali				1. Conservationist
B. Vani Ganapathy				2. Gandhian
C. M. S. Narasimhan				3. Dancer
D. Suprabha Seshan				4. Mathematician
Code: A	B	C	D	
(a)	1	3	4	2
(b)	1	4	3	2
(c)	2	3	4	1
(d)	2	4	3	1

80. Match List-I with List-II and select the correct answer using the code given below the Lists:

List-I (Power Station)				List-II (State)
A. Kolaghat				1. West Bengal
B. Chandrapur				2. Rajasthan
C. Suratgarh				3. Maharashtra
D. Unchahar				4. Uttar Pradesh
Code: A	B	C	D	
(a)	4	3	2	1
(b)	4	2	3	1
(c)	1	3	2	4
(d)	1	2	3	4

81. Among the following Presidents of India, who was the Speaker of Lok Sabha before becoming President?

- K. R. Narayanan
- R. Venkataraman
- N. Sanjiva Reddy
- V. V. Giri

82. Consider the following statements:

- The Administrator of Andaman and Nicobar Islands is designated as Lieutenant Governor.

2. Delhi and Puducherry (Pondicherry) have their own Legislative Assemblies and High Courts.

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

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

- | State or Union Territory | Seat of High Court |
|-------------------------------|--------------------|
| (a) Uttarakhand (Uttaranchal) | : Nainital |
| (b) Daman and Diu | : Ahmedabad |
| (c) Arunachal Pradesh | : Guwahati |
| (d) Chhattisgarh | : Bilaspur |

84. Consider the following statements:

1. Petrofils Cooperative Limited is a joint venture of the Government of India and Weavers' Cooperative Societies.
2. Petrofils Cooperative Limited is under the administrative control of Weavers' Cooperative Societies.

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

85. Match List-I with List-II and select the correct answer using the code given below the Lists:

- | List – I (Hydroelectric Power Plant) | List – II (State) |
|--------------------------------------|-------------------|
| A. Kadana | 1. Andhra Pradesh |
| B. Kalinadi | 2. Gujarat |
| C. Machkund | 3. Karnataka |
| D. Vaiterna | 4. Maharashtra |

- | Code: | A | B | C | D |
|-------|---|---|---|---|
| (a) | 2 | 1 | 3 | 4 |
| (b) | 2 | 3 | 1 | 4 |
| (c) | 4 | 1 | 3 | 2 |
| (d) | 4 | 3 | 1 | 2 |

86. To Port Blair, which one of the following cities is geographically nearest?

- (a) Kolkata
- (b) Kuala Lumpur
- (c) Singapore

(d) Yangon

87. Which one of the following pairs of National Highways crosses Andhra Pradesh, Karnataka and Maharashtra?

- (a) NH4 and NH6
- (b) NH5 and NH7
- (c) NH6 and NH7
- (d) NH7 and NH9

88. Which one of the following is not a member of 'the Commonwealth'?

- (a) Malaysia
- (b) Sri Lanka
- (c) Indonesia
- (d) Singapore

89. Where are the Headquarters of International Organization for Standardization (ISO) located?

- (a) Geneva
- (b) Paris
- (c) London
- (d) Vienna

90. Where were the 33rd National Games held in February, 2007?

- (a) Bhopal
- (b) Chandigarh
- (c) Guwahati
- (d) Hyderabad

91. Rehan Poncha is well-known sportsman in which one of the following sports?

- (a) Golf
- (b) Swimming
- (c) Billiards
- (d) Lawn Tennis

92. Which one of the following was **not** a participant in the One-day Cricket World Cup, 2007?

- (a) Scotland
- (b) Canada
- (c) UAE
- (d) Netherlands

93. The Baglihar Hydropower Project, very frequently in the news, is located on which one of the following rivers?

- (a) Beas
- (b) Chenab
- (c) Ravi
- (d) Sutlej

94. In the case of which one of the following diseases does the Government of India provide free "CD4 Test and Antiretroviral Therapy"?
- (a) Dengue haemorrhagic fever
 - (b) Japanese encephalitis
 - (c) Meningococcal
 - (d) AIDS
95. In the context of Indian freedom struggle, which one of the following movements is associated with the Gandhi-Irwin Pact?
- (a) Swadeshi Movement
 - (b) Non-Cooperation Movement
 - (c) Civil Disobedience Movement
 - (d) Quit India Movement
96. In which one of the following organs of human body is hydrochloric acid produced?
- (a) Stomach
 - (b) Liver
 - (c) Pancreas
 - (d) Small Intestine
97. Which part of potato plant is used as vegetable?
- (a) Modified root
 - (b) Modified stem
 - (c) Modified leaf
 - (d) Modified flower
98. Recently, in which one of the following countries did scientists create the world's first genetically modified chickens to lay eggs capable of producing drugs that fight cancer and other life threatening diseases?
- (a) France
 - (b) Germany
 - (c) UK
 - (d) USA
99. Who of the following is associated with the aluminium company HINDALCO?
- (a) Arun Sarin
 - (b) Navin Jindal
 - (c) Ravi Ruia
 - (d) Kumar Mangalam Birla
100. Madhava Menon Committee is associated with the drafting of which one of the following?
- (a) National Population policy
 - (b) National Tribal policy
 - (c) National Policy on Criminal Justice
 - (d) National Health Policy
101. Which one of the following South-East Asian countries is a member of OPEC?
- (a) Indonesia

- (b) Malaysia
 - (c) Myanmar
 - (d) Thailand
102. Who of the following laid the first rail-road in India?
- (a) Lord Ripon
 - (b) Lord Wavell
 - (c) Lord Curzon
 - (d) Lord Dalhousie
103. Among the following foods, which one is rich in proteins?
- (a) Boiled rice
 - (b) Bread of wheat
 - (c) Fried potato chips
 - (d) Fried gram
104. From which one of the following places was INSAT-4B satellite launched in March, 2007?
- (a) Baikanour
 - (b) Cape Canaveral
 - (c) Kourou
 - (d) Sriharikota
105. For the year 2006, the Nobel Peace Prize was awarded to a/an
- (a) writer
 - (b) environmentalist
 - (c) head of a State
 - (d) banker
106. When a person drinks alcohol and walks clumsily, it is due to the effect of alcohol on which one of the following parts of his brain?
- (a) Cerebrum
 - (b) Cerebellum
 - (c) Pons
 - (d) Medulla oblongata
107. What was the purpose of NASA's Cassini spacecraft recently in the news?
- (a) To carry the materials for building the international space station
 - (b) To observe and study the Saturn and its rings
 - (c) To monitor the approach of asteroids towards planet Earth
 - (d) To conduct space journeys for space tourists
108. What is the name of the pigment that gives colour to the human hair?
- (a) Keratin
 - (b) Melanin
 - (c) Myelin

(d) Myosin

109. The 'pacemaker', which initiates and maintains the heartbeat, is located in the wall of which one of the following chambers of heart?

- (a) Left auricle
- (b) Right auricle
- (c) left ventricle
- (d) Right ventricle

110. In human body, where is the smallest bone located?

- (a) Palm
- (b) Foot
- (c) Nose
- (d) Ear

111. The roots of which one of the following plants contain the bacteria that convert free nitrogen to nitrates used by plants?

- (a) Mustard
- (b) Pea
- (c) Sugarcane
- (d) Wheat

112. Consider the following statements:

1. In India, rubber is cultivated in Kerala, Karnataka and Tamil Nadu only.
2. India ranks second in production as well as consumption of natural rubber in the world.

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

113. To whom among the following is the Rajiv Gandhi National Fellowship given?

- (a) Young victims of either war or famine in other countries to persue studies in India
- (b) Poor Indian students to persue the study of certain specialized subjects in other countries
- (c) Destitute Indian children to persue studies up to university level
- (d) ST students to enable them to get M.Phil. and Ph.D. degrees

114. Other than Russia and USA, which one of the following countries has launched manned spacecraft?

- (a) France
- (b) China
- (c) Germany
- (d) UK

115. Consider the following statements:

1. Chile is the largest producer of copper in the world.
2. Kuwait is the largest producer of mineral oil in the world.

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

116. In the world, India is one of the major producers of which one of the following minerals?

- (a) Copper
- (b) Lead
- (c) Chromium
- (d) Zinc

117. Which one of the following regions has the largest area of wheat production?

- (a) Asia
- (b) Europe
- (c) North America
- (d) South America

118. The water of which one of the following lakes is used for producing salt?

- (a) Barapani
- (b) Kolleru
- (c) Loktak
- (d) Sambhar

119. What is the name of the winds that blow from the subtropical high pressure belts towards the subpolar low pressure belts?

- (a) Easterlies
- (b) Trade winds
- (c) Westerlies
- (d) Western disturbances

120. Which one of the following rivers originates in Brahmagir range of Western Ghats?

- (a) Penneru
- (b) Kaveri
- (c) Krishna
- (d) Tapti