

AJMAL NATIONAL TALENT SEARCH (ANTS) EXAMINATION - 2012

Class : Degree

Time : 2 hours

Full Marks : (50+30+20)=100

Part-I (General Awareness)

- Every year the WHO selects a theme or topic that represents a current health concern of the world. On April 7, the World Health Day, the official slogan for 2012 was announced. It is
 - Good health adds life to years
 - Live well, live healthy.
 - Rest a while and run a mile.
 - Eat wise, drop a size.
- A news headline says "India, Pakistan Plan Siachen, Sir Creek Talks". Sir Creek is
 - The third party mediator in Indo-Pak Talks.
 - The Mayor of Siachen
 - The U.S. official who will be a neutral observer during the talks.
 - A strip of marshland in the Rann of Kutch.
- Prime Minister Dr. Manmohan Singh declared 22nd December as the National Mathematics Day and the year 2012 as a whole as the National Mathematics Year. This has been done as a tribute to the great Indian Mathematician
 - Shakuntala Devi
 - Bhaskaracharya
 - Brahmagupta
 - Srinivasa Ramanujan
- Right to Vote can be placed in which of the following categories?
 - Fundamental Right
 - Constitutional Right
 - Fundamental Duty
 - Legal obligation
- "Tamaso Ma Jyortirgamaya" (Lead us from darkness to light) comes from which among the following Upanishads ?
 - Chandogya
 - Mandukya
 - Mukdaka
 - Brahadaranyaka
- Who of the following is the author of the book " My Country, My Life" ?
 - A.P.J.Abdul Kalam
 - Atal Behari Bajpayee
 - L.K.Advani
 - Shashi Tharoor
- When the reading of a Barometer goes down it is an indication of
 - Storm
 - Intense heat
 - snow
 - rainfall
- New All India Services can be introduced in India only if one of the following makes a recommendation. Which one ?
 - President
 - Rajya Sabha
 - Lok Sabha
 - Council of Ministers

9. At which one of the following places is the monkey called Lion-tailed macaque naturally found ?
(a) Shivaliks (b) Pachmarhi (c) Nallainalal Hills (d) Nilgiris
10. Which one of the following lost the status of a planet recently ?
(a) Mercury (b) Neptune (c) Pluto (d) Uranus
11. In an atomic nucleus, neutrons and protons are held together by
(a) Gravitational forces (b) Exchange forces (c) Coulombic forces (d) Magnetic forces
12. The "Assam valley Literary Award" for 2011 has been awarded to which of the following litterateurs ?
(a) Mahim Bora (b) Mamoni Roisom Goswami
(c) Purabi Bormudoi (d) Homen Borgohain
13. The only one in Asia at present, the High Security Animal Disease Laboratory (HSADL) is based in :
(a) Bhopal (b) Lucknow (c) Dehradun (d) Pune
14. The core objective of the "Saranda Action Plan" of the Union government is :
(a) Capacity building for the panchayats in India
(b) Rehabilitation of the Tamils in Srilanka after LTTE wipeout.
(c) Development in Naxal affected districts in Eastern India
(d) Development of the Public Distribution System in India.
15. which of the following Pakistani cricketers was not among the three jailed for spot-fixing ?
(a) Salman butt (b) Mohammad Asif (c) Mohammad Amir (d) Misbah-ul-Haque
16. in which year was the Communist Party in India split ?
(a) 1960 (b) 1964 (c) 1969 (d) 1971
17. The fastest train in India is :
(a) Patna Rajdhani (b) Chennai Garib Rath (c) Pune Duronto (d) Bhopal Shatabdi Express
18. The word "Lokpal" was first coined by :
(a) Anna Hazare (b) Arvind Kejriwal (c) Abhisek Manu Singvi (d) L.M.Singvi
19. which type of fire extinguisher is used for petroleum fire ?
(a) powder type (b) liquid type (c) soda acid type (d) foam type

20. For the film "Gandhi to Hitler" Mahatma Gandhi's favourite Bhajan 'Vaishnav Jana to tene kahiye' has been sung by which of the following legendary music maestros ?
(a) M.S.Subhalaxmi (b) Pt. Bhimsen Joshi (c) Dr. Bhupen Hazarika (d) Lata Mangeskar
21. What is the maximum validity period of an ordinance promulgated by the President of India ?
(a) 6 months (b) 7.5 months (c) 9 months (d) 12 months
22. The administration of the English East India Company in India came to an end in :
(a) 1857 (b) 1858 (c) 1892 (d) 1901
23. The average salinity of sea water is :
(a) 3% (b) 3.5% (c) 2.5% (d) 2%
24. What does the Olympic flame symbolize ?
(a) A zeal to play sports (b) Challenge (c) Continuity (d) Victory
25. Which of the following cities has achieved the status of India's first 100% **e-literate** city ?
(a) Pune (b) Bangalore (c) Kozhikode (d) Chandigarh
26. India's Andaman and Nicobar islands share a maritime border with which of the following ?
(a) Thailand (b) Thailand and Indonesia
(c) Thailand, Indonesia and Srilanka (d) Thailand and Srilanka
27. Section 304 A of the Indian Penal Code is related to which among the following ?
(a) Murder (b) Culpable homicide (c) Death under negligence (d) None of these
28. Hieroglyphic writing was a part of which ancient civilization ?
(a) Indus Valley (b) Egyptian (c) Chinese (d) Mesopotamia
29. Who among the following has written 'the Other Side of Midnight' ?
(a) Salman Rushdie (b) Katherine Mayo (c) Sydney Seldon (d) Aravind Adiga
30. Any moving object on earth finally comes to rest due to which of the following ?
(a) Gravity (b) Inertia (c) Friction (d) Momentum

31. The Eleventh Five year plan was termed as plan for :
- (a) India's Health (b) Eradication of poverty from India
(c) India's Education (d) Development of Rural India
32. Who among the following gave the concept of PURA (Providing Urban facilities in Rural India) ?
- (a) Rajiv Gandhi (b) Jayram Ramesh (c) A.P.J. Abdul Kalam (d) Manmohan Singh
33. Birth rate is number of births per of the population during one year.
- (a) 100 (b) 1000 (c) 10000 (d) 100000
34. " Bad money (if not in limited quantity) drives good money out of circulation". This statement is from which of the following laws ?
- (a) Keynes' Law (b) Wagner's Law (c) Gresham's Law (d) Grimm's Law
35. Which among the following is the oldest insurance company of India ?
- (a) Oriental Life Insurance Company (b) Life Insurance Company of India
(c) General Assurance Company of India (d) None of the above.
36. Capitalism is based on "Laissez-faire system". What is "Laissez-faire system" ?
- (a) No Governmental intervention. (b) Maximum Governmental intervention
(c) Role of market forces is minimum (d) Limited governmental intervention.
37. Yellow coloured letter boxes denote which of the following Channels of India Post ?
- (a) Metro Channel (b) Rajdhani Channel (c) Express Channel (d) Business Channel
38. What is the approximate time difference between sunrise in Arunachal Pradesh and Saurashtra of India ?
- (a) 1 hour (b) 1hour 30 minutes (c) 2 hours (d) 2hours 30 minutes
39. The term "Isopycnic" stands most closely for which of the following descriptions ?
- (a) Two places with same atmospheric pressure (b) Two liquids with same viscosity
(c) Two liquids with same density (d) Two places with same temperature.
40. Borneo Island is the part of which among the following countries ?
- (a) Malaysia (b) Indonesia (c) Brunei (d) All of these

41. " We must not for a moment forget, it is a birth right of every individual to receive at least the basic education without which he can not fully discharge his duties as a citizen" Who among the following personalities of India made this statement regarding right to education?
- (a) Pt. Jawaharlal Nehru (b) Dr. Rajendra Prasad
(c) Moulana Abul Kalam Azad (c) Dr. A.P.J. Abdul Kalam
42. On which of the following dates did Jawaharlal Nehru unfurl the tri-colour national flag on the banks of the Ravi as the clock struck midnight ?
- (a) 31st December, 1929 (b) 26th January, 1930 (c) 31st December, 1931 (d) 26th January, 1947
43. Justice Dharmadhikari Committee which submitted its report on January 31, 2012 concerns :
- (a) Various HR issues after the merger of the two national carriers Air India and Indian Airlines
(b) Issues regarding the safety aspects of Kudankulam nuclear power project.
(c) Issues regarding re-allocation of 2G Spectrum
(d) Issues regarding the interest subsidy for Housing the Urban Poor (ISHUP)
44. For how many times, a person can become president of India ?
- (a) once (b) twice (c) thrice (d) No limit
45. The Roman numeral for 100 indicates ;
- (a) X (b) C (c) XL (d) LI
46. A person earned Rs. 20 on one day and spent Rs. 15 on the next day. He again earned Rs. 20 on the third day and spent Rs. 15 on the fourth day and so on. On which day he will first have Rs. 60 with him ?
- (a) 17th day (b) 20th day (c) 25th day (d) 27th day
47. A man covers a distance between P and Q at 5 km/hr and between R and S at 10 km/hr. What is his average speed ?
- (a) 7.5 km/hr (b) 6.6 km/hr (c) 5.7 km/hr (d) None of these
48. When seen through a mirror, a clock shows half past eight. The correct time is :
- (a) 8:30 (b) 3:30 (c) 2:30 (d) 5:30
49. A doctor gave a patient six tablets and instructed him to take one tablet every four hours. If the person took the first tablet at 4.00 a.m. , when would he have taken all these tablets?
- (a) 12.00 noon (b) 4.00 p.m. (c) 12.00 night (d) 4.30 p.m.

50. Find the odd man out

- (a) eye (b) ear (c) nose (d) throat.

Part-II - English

51. Somebody told you, ?

- (a) isn't it (b) wasn't it (c) didn't he (d) didn't they

52. I would rather you by train.

- (a) go (b) went (c) would go (d) had better go

53. The longer I live here,

- (a) I like it the more (b) the more I like it (c) the more do I like it. (d) I like it more.

54. He pretends to be an agent for the company, but I can see him

- (a) out (b) in (c) through (d) off

55. Who's that ?

- (a) I (b) I am (c) me (d) It's I

56. His benevolence and kindness admired by his friends.

- (a) is (b) are (c) have been (d) were

57. Twenty found wandering on the road.

- (a) cattles were (b) cattle was (c) head of cattle were (d) head of cattle was

58. I gave him two five hundredfor depositing in my saving account.

- (a) rupee notes (b) rupees notes (c) rupees currency (d) rupees denominations

59. You, he and I will have a party tonight.

- (a) I, you and he (b) He, I and you (c) I, he and you (d) The given sentence is correct.

60. My sister is living in Chicago these days.

- (a) oldest (b) eldest (c) elder (d) older

61. It is if you work in my company.

- (a) all the more better (b) all better (c) the more better (d) better

62. Pick out the correct sentence.
 (a) I meet him often near the District Library. (b) I meet him near the District library often
 (c) I often meet him near the District Library. (d) All the sentences are correct
63. Pick out the correct sentence.
 (a) You must revise your answer sheet again. (b) You should revise your answer sheet again.
 (c) You ought to revise your answer sheet again. (d) You must revise your answer sheet.
64. She has been ill fever since Monday.
 (a) from (b) with (c) by (d) in
65. Summer has and the days are getting warm.
 (a) set out (b) set off (c) set up (d) set in
66. Socrates was that ever lived.
 (a) one of the wisest man (b) one of the wise men (c) one of the wisest men (d) one wise man
67. The police to solve the mystery.
 (a) is trying (b) are trying (c) has been trying (d) has tried
68. There is no glory in war the blood it
 (a) considering; sheds (b) comparing; spills (c) worth; costs (d) thinking; demands
69. She her bag and ran for her life.
 (a) clutched (b) grasped (c) held (d) gripped
70. He would not the details but hinted that he knew who the murder was.
 (a) say (b) tell (c) divulge (d) reveal
71. What the revolutionary told had wider **ramifications**. The **meaning closest to** the word "ramification" is :
 (a) uses (b) developments (c) consequences (d) conclusions
72. such conduct deserves **reprimand**. The **meaning closest to** the word "reprimand" is :
 (a) praise (b) punishment (c) rebuke (d) reward
73. She used to **disparage** her neighbours every now and then. The meaning **opposite to** the word "disparage" is :
 (a) please (b) praise (c) belittle (d) denigrate

74. They have not been eating **nourishing** food. The meaning **opposite to** the word "nourishing" is :
 (a) unhygienic (b) undercooked (c) poor (d) heavy
75. She **faced the music** for not doing her music lessons properly. The meaning of the idiom in bold italics is :
 (a) faced punishment (b) faced the consequences
 (c) enjoyed herself (d) listened to music rather than doing her lessons
76. He is not **worth his salt** if he fails at this juncture. The meaning of the idiom in bold italics is :
 (a) Very proud of himself (b) very strange (c) very brave (d) quite worthless
77. 'Goitre' is related 'Iodine' as 'Anaemia' is related to :
 (a) Vitamin (b) blood (c) Iron (d) weakness
78. 'Bull' is related to 'Cow' in the same way as 'Horse' is related to :
 (a) stallion (b) colt (c) mare (d) heifer
79. 'Numismatic' is related to 'Coin' in the same way as 'Paleontology' is related to :
 (a) Earth (b) Soil (c) Stones (d) Fossils
80. 'Face' is related to 'Expression' in the same way as 'Hand' is related to :
 (a) work (b) gesture (c) handshake (d) waving

Part- III (Essay Writing) 20 marks

81. Write essays on any two of the following subjects in about 300 words.
- Anna Hazare's movement against corruption.
 - Empowering women to rebuild India.
 - Your Approach to Life OR Your Life Philosophy
 - Advantages and disadvantages of big dams in the North East.
 - Science without conscience is the ruins of Nation.
 - Problems and prospects before the student community with the replacement of pen-paper-book by computer and IT

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