

AJMAL NATIONAL TALENT SEARCH (ANTS) EXAMINATION - 2010

Conducted by : **AJMAL FOUNDATION, A Registered Public Charitable Trust**

Hojai, Nagaon (Assam)

ANTSE/Degree/500

Class : Degree

Script No.

.....
Invigilator
Date.....

Centre Code :.....

Roll No. :.....

INSTRUCTIONS TO CANDIDATE

1. Write your **Centre Code and Roll No.** legibly in the space provided. Do not write your name any where in the book.
2. An examinee must not bring any loose paper, book, etc. except the Admit Card to the Examination Hall. Any examinee found in possession of even loose papers will be **EXPELLED**.
3. No extra sheet will be provided for making notes or calculations. **Candidates may use the inner cover pages of this booklet for this purpose.**
4. An examinee must not talk to, disturb or seek assistance from a fellow examinee during the examination.
5. No. leaf of the booklet must be torn or detached.
6. Any mechanical or digital calculating device (calculator etc.) shall not be used by the examinee during the examination.
7. Mobile Phones shall not be used by candidates inside the examination Hall.
8. No candidate will be allowed to leave or go out of the Examination Hall during the first hour of the examination.
9. **i. 80% of the Questions are of multiple-choice type carrying one mark each and all questions are compulsory. 20% is set aside for an essay.**
ii. Students are required to write the correct answer [i.e. any one of (a), (b), (c) or (d)] in the box provided alongside the question.
iii. A candidate having completed his/her question-answer booklet must hand it over, even if blank, to the invigilator before leaving the Examination Hall.
10. Contravention of any of the instruction mentioned above shall render a candidate liable for disciplinary action as per rule.

MARKS OBTAINED			
General Studies	General English	Essay	Total

Signature of Examiner

Signature of Scrutiniser

Signature of the Head Examiner

AJMAL NATIONAL TALENT SEARCH (ANTS) EXAMINATION - 2010

Class : Degree

Time: 2 hours

Full Marks : (50+30)=100

INSTRUCTIONS

1. Attempt All Questions
 2. There are four options to every question. Choose the correct option by putting any one of **a, b, c** or **d**, in the box
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General Studies

1. R.K.Pachouri, Chairman of the Intergovernmental Panel on Climate Change (IPCC) as well as an economist and environmental scientist of immense repute won the Nobel prize in :
a) Economics
b) Environmental Science
c) Peace
d) Physics
2. H1N1, the latest manifestation of swine flu, began in :
a) Mexico
b) Brazil
c) Kenya
d) USA.
3. MIGA, QUATCHI and SUMI are :
a) Football players of Nigeria
b) Names of Latest Computer Virus
c) Mascot of 2010 Winter Olympics
d) Names of Japanese dishes
4. World's biggest census launched on 1st April 2010 in India will count its people above the age of :
a) 18
b) 14
c) 15
d) 21
5. World's highest average connection speed at 14 MBPS in internet links is available in :
a) South Korea
b) Japan
c) USA
d) UK
6. 10% of Government jobs is reserved for poor muslims in which of the following states ?
a) Karnataka
b) Kerala
c) West Bengal
d) Uttarakhand
7. Which among the following has the primary function of distributing the revenue between the centre and the states in India ?
a) Planning Commission
b) Inter-state Council
c) Comptroller and Auditor General of India
d) Finance Commission
8. The franchise of Kolkata Knight Riders is owned by :
a) Red Chillies Entertainment
b) Emerging Media
c) Apeejay Surendera Group
d) Rendezvous Sports World Ltd.
9. A record 4000 cities and 126 countries around the world switched off their lights for one hour on Saturday the 27th of March 2010 at 8.30 P.M. The symbolic action is known as :
a) Save energy
b) Earth Hour
c) Light Hour
d) Global Light Out.

10. Who among the following is known as the 'Mozart of Madras' :
a) A.R.Rahman b) M.S. Subbulakshmi
c) Thyagaraja d) BalmuraliKrishnan
11. 'Citium-Altius-Fortius' (Faster-Higher-Stronger), the motto of the Olympic Games made its first appearance in the :
a) 1920 Olympics b) 1924 Olympics c) 1936 Olympics d) 1948 Olympics
12. Which of the following is true with reference to the **UID project** which aims to provide a unique identification number to India's citizens :
a) Sam Pitroda is the chairman and he is associated with C-DOT.
b) Nandan Nilekani is the Chairman and he was formerly associated with Infosys Technologies.
c) Sanjay Kalra is the chairman and he belongs to Mahindra Satyam
d) Nandan Nilekani is the Chairman and he blongs to WIPRO.
13. Mumbaikar Raghunath Vichare was in the news for which of these following reasons ?
a) He is the police officer who nabbed Azmal Kasav .
b) He is the Journalist who reported Shahrukh Khan's comment about Pakistani cricketers on IPL
c) He is the proud owner of the 1st NANO, the world's cheapest car.
d) He is the lawyer who is pleading the Mumbai-attack terrorist, Kasav's case.
14. The union cabinet which cleared the Women's Reservation Bill in February 2010, provides for 33 per cent reservation to women in :
a) Government jobs b) Educational institutions
c) The Loksabha and the Rajya Sabha d) The Loksabha and the State assemblies.
15. "BO" language of Andaman became extinct because
a) The script was destroyed in a tsunami.
b) The people decided to switch over to Hindi.
c) Its last speaker died.
d) Another tribe conquered the 'BO' speakers and banned the language.
16. Which of the following is the major contributor to 'Acid Rains' ?
a) Carbon dioxide and Carbon Monoxide. b) Nitrogen Oxide and Sulpher Dioxide.
c) Ozone and Methane d) Carbon Dioxide and CFC
17. *Jatropha Curcas* which is often in the news is a:
a) Genetically modified cotton plant. b) Protein-rich wheat plant developed by India.
c) Plant used for production of bio-diesel. d) Hybrid between potato and tomato.
18. Which of the following parts of the poppy plant is used for the production of opium ?
a) Seeds b) Flowers c) Leaves d) Roots

19. The term "Clickjacking" refers to :
- a) The position of Rifle Shooters just before taking the shot.
- b) The term used by motorists to remove a punctured tyre in a car.
- c) A malicious technique of tricking web users in to revealing confidential information.
- d) A term used in Banking to adjust interest rates for home loans.
20. Who among the following persons bought the 'Sword of Tipu Sultan' in London and brought it back to India?
- a) Ratan Tata b) Aditya Birla c) Mukesh Ambani d) Vijay Mallya
21. The gas which does not form part of the atmosphere is :
- a) Nitrogen b) Helium c) Krypton d) Chlorine.
22. Which South Asian country is known as 'the Land of Canals'?
- a) Maldives b) Bangladesh c) Sri Lanka d) Pakistan
23. In India the city famous for Bangle industry is :
- a) Jodhpur b) Agra c) Lucknow d) Ferozabad
24. White Coal is :
- a) Ice b) Diamond c) Bauxite d) Uranium
25. In football which country is known as the "Soccer Powerhouse" in the South Asia Football Federation region ?
- a) China b) Japan c) India d) South Korea
26. Ordinary glass is called :
- a) Lime glass b) Soda lime glass c) Soda glass d) Hard glass
27. The Indian poet who wrote poems hailing the Russian Revolution of 1917 was :
- a) Sarojini Naidu b) Subramanya Bharati c) Muhammad Iqbal d) Rabindranath Tagore.
28. The domestic cooking gas consist mainly of
- a) Butane b) Ethane c) Oxygen d) Methane
29. In 1661 Bombay was given to King Charles II of England as dowry by the king of :
- a) Netherland b) France c) Portugal d) Italy
30. Mediterranean type of climate is characterized by :
- a) hot summer and wet winter b) warm summer and cold winter
- c) hot summer and cold winter d) warm summer and wet winter.
31. Given below are five foreign powers. Pick out the correct choice arranged in order of their reaching India :
- i) Dutch ii) Portugese iii) Danes iv) French v) English
- a) (iii), (ii), (i), (iv), (v) b) (ii), (iii), (iv), (v),(i) c) (iv), (v), (i), (ii), (iii) d) (ii), (i), (v), (iii), (iv).

32. Hormones are distributed throughout the body by :
 a) Ducts b) Ductless glands c) Blood d) Nerves
33. The first Buddhist Council was held at :
 a) Kannauj b) Pataliputra c) Sarnath d) Rajagriha
34. Given below are names of grasslands and their popular names across the world. Pick out the option that correctly matches Column "A" with column "B".
- | <u>"A"</u> | <u>"B"</u> |
|-------------|-------------------|
| 1) Steppes | i) Africa |
| 2) Prairies | ii) South America |
| 3) Pampas | iii) Asia |
| 4) Savannas | iv) North America |
- a) 1 (iv), 2 (iii), 3 (i), 4 (ii) b) 1 (i), 2 (ii), 3 (iii) 4 (iv)
 c) 1 (ii), 2 (i), 3 (iv), 4 (iii) d) 1 (iii), 2 (iv), 3 (ii), 4 (i) e)
35. The life span of Red Blood Corpuscles(RBC) in the blood of human beings is :
 a) uncertain b) 120 days c) 180 days d) 60 days
36. The Kirit Parikh Committee set up by the union government in India has been looking in to :
 a) Disinvestment in Public Sector Units. b) Telengana state demand
 c) Food price rise d) Petroleum pricing.
37. Google has proposed to stay away from which nation because its sites are heavily hacked ?
 a) North korea b) Germany c) China d) Afganistan
38. Which of the following regarding "Vikrami Era" and "Saka era" are correct ?
 a) Vikrami Era commenced in 78 A.D. and Saka Era commenced in 61 B.C.
 b) Vikrami Era commenced in 58 B.C. and Saka Era commenced in 78 A.D.
 c) Vikrami Era commenced in 56 B.C. and Saka Era commenced in 58 A.D.
 d) Vikrami Era commenced in 61 B.C and Saka Era commenced in 71 B.C.
39. In the recently concluded IPL cricket the player who hit the maximum number of sixes is :
 a) Robin Uthappa b) Suresh Raina c) Jack Kallis d) Chris Gayle.
40. Which of the following is true about the radio active isotopes "Cobalt-60" and "Carbon-14" .
 a) Cobalt-60 is used for cancer treatment and Carbon-14 is for establishing the age of ancient objects.
 b) Carbon-14 is used for cancer treatment and Cobalt-60 for establishing age of ancient objects
 c) Both Cobalt-60 and Carbon-14 can be used for cancer treatment but none can be used for establishing age of objects.
 d) Cobalt-60 and Carbon-14 are just different names of the same isotope and both can be used for either purpose.

41. Given below are names of international border lines between nations. Pick out the option that correctly matches Column "A" with column "B".

"A"

"B"

- 1) McMohan Line
- 2) Durand Line
- 3) Radcliffe Line
- 4) 38th Parallel

- i) Between India and Pakistan
- ii) Between China and India
- iii) Between North Korea and South Korea
- iv) Between Afghanistan and Pakistan

- a) 1 (iv), 2 (iii), 3 (i), 4 (ii)
- c) 1 (iii), 2 (i), 3 (ii), 4 (iv)

- b) 1 (ii), 2 (iii), 3 (i), 4 (iv)
- d) 1 (ii), 2 (iv), 3 (i), 4 (iii)

42. Which one of the following contains the famous "Gayatri mantra" ?

- a) Manusmriti
- b) Rig Veda
- c) Chandogya Upanishad
- d) Brahadaranyaka Upanishad

43. What is the modern name of Kundagrama Where Mahavira was born?

- a) Vaishali
- b) Patana
- c) Basukunda
- d) Paithan

44. The International Olympic Committee (IOC) has approved a bid by ICC (International Cricket Council) to include Twenty20 Cricket at the Olympic games in 2020. However, only once before a cricket tournament was contested in an Olympiad. Which One ?

- a) Paris, 1900
- b) London, 1908
- c) Stockholm, 1912
- d) Antwerp, 1920

45. Which one of the following is the correct chronological order of setting up of English factories in India?

- a) Madras - Sutanuti - Surat - Hugli
- b) Madras - Surat - Sutanuti - Hugli
- c) Surat - Hugli - Madras - Sutanuti
- d) Surat - Madras - Hugli - Sutanuti

46. "A Forgotten Empire", written by the renowned historian Robert Sewell is about which one of the following empires ?

- a) Kushan Empire
- b) Mauryan Empire
- c) Vijaynagara Empire
- d) Mughal Empire

47. 21 ladies specials on the railway network in major cities of Kolkata, Chennai, New Delhi and Mumbai have been proposed in the Rail Budget this year. These trains are named :

- a) Bharat Bhoomi Trains
- b) Matribhumi Trains
- c) Karmabhoomi Trains
- d) Janmabhoomi Trains

48. Which Grand Slam event is known as the "Happy Slam" ?

- a) French Open
- b) Australian Open
- c) Wimbledon
- d) US Open

49. The term 'monsoon' was introduced by :

- a) The British
- b) The Mughals
- c) The Arabs
- d) The Chinese

Q.50. Which one of the following longitudes determine the Indian Standard Time ?

- a) 82.5° East
- b) 85.5° East
- c) 86.5° East
- d) 84.5° East.

62. The teacher told his students that death of Pandit Nehru was sudden and unexpected.
1 2 3
a) 1 b) 2 c) 2 and 3 d) No error

63. Bacteria is probably the most common form of life on earth.
1 2 3
a) 1 b) 2 c) 3 d) No error

64. No king in that period was so intensely involved in the welfare of his people as King Ashoka.
1 2 3
a) 1 b) 1 and 2 c) 3 d) No error.

Choose the word that is *most nearly the same* in meaning as the word printed on top of each question below :

65. **UNRAVEL**
a) to solve b) to disclose c) to mystify d) to measure

66. **IMMINENT**
a) Prominent b) Fatal c) Destructive d) Forthcoming

67. **CONTENTION**
a) Intention b) Suggestion c) Satisfaction d) Argument

Choose the word that is *most opposite* in meaning as the word printed on top of each question below :

68. **PERPETUAL**
a) Continuous b) Irregular c) Durable d) Instantaneous

69. **ALIEN**
a) Artificial b) Foreign c) Indigenous d) Local

70. **STARTLED**
a) Amused b) Astonished c) Relaxed d) Pleased.

Find the odd one from among the following choices :

71. a) chick b) puppy c) calf d) pony e) duckling

72. a) hat b) helmet c) turban d) veil e) cap

73 a) Orissa b) Kerala c) Uttarakhand d) Tamilnadu e) Maharastra

Mark the right choice on the basis of the relationship shown in the first part of the question :

74. **Crop** is to **Pesticide** as **Wound** is to :

- a) Antiseptic b) Bleeding c) Bandage d) Weapon

75. **Shakuntala** is to **Kalidasa** as **Faust** is to :

- a) Plato b) Shakespeare c) Aristotle d) Goethe

76. **Wheel** is to **Bullock-cart** as **soldier** is to :

- a) Fight b) War c) Army d) Defend

Mark the word that is similar to the three words given in the following questions :

77. pantaloons : petticoat : skirt

- a) Shirt b) Coat c) Jacket d) Pyjamas

78. Tokyo : Paris : Delhi

- a) Colombo b) Karachi c) Greenwich d) Mumbai

What is common in the following :

79. Magenta : fawn : turquoise

- a) They are migratory birds b) They are precious and semi-precious stones
c) They are marine creatures d) They are colours

80. Commission : Delegation : Mission

- a) They are formed by the government
b) They are groups of persons entrusted with some work
c) They are groups concerned with cultural activities
d) They are groups with special permission who go to other countries.

Essay

1. Write an essay in about 400 (four hundred) words on any one of the following :

- a) Political reform you want in India. b) Newspapers are worse than bayonets.
c) Trend of Modern Education in India. d) Best time is present time.
e) As civilization advances culture declines. f) Global Warming and world initiatives.