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ACC-I

**Previous Year Paper
Feb 2017
(CGAT Paper-II)**



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General Instructions

1. There are 150 questions and all questions are **compulsory**.
2. All Questions are of **Multiple Choice** Type. Please select the correct choice and mark your response on OMR sheet provided for this part of the exam.
3. Each question carries **Two marks**.
4. Do not write anything on the question paper **except your Index No** in the space provided.

1. Which of the following countries has India purchased the Pilatus PC-7 trainer aircraft?
(a) USA (b) France
(c) Switzerland (d) Germany

2. Which of the following is the highest gallantry award in India given for bravery NOT in the face of enemy?
(a) Ashoka Chakra (b) Kirti Chakra
(c) Mahavir Chakra (d) Shaurya Chakra

3. Indra series of exercises are jointly held biennially in the Indian Ocean by India and
(a) Russia (b) France (c) Singapore (d) Israel

4. Vikram Sarabhai Space Centre is located at?
(a) Kolkata (b) Sriharikota
(c) Bangalore (d) Thiruvananthapuram

5. Lunar eclipse is caused when the:
(a) Moon comes between the sun and the earth
(b) Earth comes between the sun and the moon
(c) Sun comes between the earth and the moon
(d) None of these

6. Commercial Arm of ISRO is _____.
(a) Antrix (b) Pantrix (c) Antrix (d) Android

7. The stars twinkle at night because
(a) They emit energy (b) Of diffraction (c) Of refraction (d) Of reflection

8. The study of heavenly bodies is known as
(a) Astrology (b) Astronautics (c) Astronomy (d) Astrophysics

9. On 21 June, the daylight is seen at North Pole for
(a) Zero Hours (b) 12 Hours (c) 18 Hours (d) 24 Hours

10. The ionosphere includes
(a) Mesosphere (b) Thermosphere
(c) Thermosphere and exosphere
(d) Thermosphere, exosphere and mesosphere

11. Who was the first to observe Sun spots?
(a) Galileo (b) Halley (c) Newton (d) None of these

12. Name the two planets which appear as 'Morning Star' in the eastern sky and 'Evening Star' in the western sky–
(a) Mars and Venus (b) Jupiter and Mars
(c) Saturn and Uranus (d) Mercury and Venus

13. Titan is the natural satellite of the planet–
(a) Neptune (b) Mercury (c) Saturn (d) Venus

14. Which mountain is the most difficult mountain to climb and is also called the Killer mountain?
(a) Mount Everest (b) K2 (c) Chimborazo Mountain (d) Nanga Parbat

15. The boundary line between India and China is called –
(a) McMahon line (b) Durand line (c) Red line (d) Radcliffe line

16. What do you call a narrow neck of land that connects two larger landmasses?
(a) Peninsula (b) Isthmus (c) Cape (d) Strait

17. In India, which one of the following States has the largest inland saline wetland?
(a) Gujarat (b) Haryana (c) Madhya Pradesh (d) Rajasthan

18. Jharkhand does not share boundary with
(a) West Bengal (b) Orissa (c) Chhattisgarh (d) Madhya Pradesh

19. Which of the following latitude passes through India
(a) Equator (b) Arctic Circle
(c) Tropic of Capricorn (d) Tropic of Cancer

20. In South East Asia, the only landlocked country is
(a) Cambodia (b) Malaysia (c) Laos (d) Thailand

21. The Himalayan mountain system belongs to which of the following?
(a) Volcanic mountains (b) Residual mountains
(c) Block mountains (d) Fold mountains

22. In which of the following state is the Wular Lake located?
(a) Rajasthan (b) Uttar Pradesh
(c) Punjab (d) Jammu and Kashmir

23. Which is the longest river of South India?
(a) Krishna (b) Cauvery (c) Godavari (d) Tungabhadra

24. Which of the following diseases is caused by a virus?
(a) Plague (b) Polio (c) Tetanus (d) Leprosy

25. Another name of "Vitamin C" is
(a) Folic acid (b) Ascorbic acid (c) Niacin (d) Acetic acid

26. The deficiency of vitamin D causes
(a) Rickets (b) Night blindness (c) Pellagra (d) Scurvy

27. Blood plasma has a pH of?
(a) 7.4 (b) 7.8 (c) 6.9 (d) 6.3

28. Which is the source of vitamin K?
(a) Soyabean oil (b) fish oil (c) Milk (d) egg

29. Disease caused by the biting of culex mosquito is?
(a) Filariasis (b) Dengue fever (c) Yellow fever (d) Pneumonia

30. When we eat something we like, our mouth waters. This is actually not water but fluid secreted from
(a) Nasal glands (b) Oval epithelium
(c) Salivary glands (d) Tongue

31. Cutting and peeling of onion bring tears to the eyes because of the presence of
(a) Sulphur in the cell (b) Carbon in the cell
(c) Fat in the cell (d) Aminoacid in the cell

32. Which part of the human eye is transplanted from a dead donor to a living person?
(a) Cornea (b) Retina (c) Iris (d) Sclera

33. Hypertension is the term used for
(a) Increase in heart rate (b) Decrease in heart rate
(c) Decrease in blood pressure (d) Increase in blood pressure

34. The 11th G20 summit was held on 4-5 September 2016 in :-
(a) United States (b) South Korea (c) Denmark (d) China

35. Which district has become the first one in India to have high speed Rural Broadband Network :-
(a) Ajmer of Rajasthan (b) Vidisha of Madhya Pradesh
(c) Idukki of Kerala (d) Hissar of Haryana

36. The apparatus used for detecting lie is known as :-
(a) Polygraph (b) Pyrometer (c) Gyroscope (d) Kymograph

37. The first CNG train is launched on :-
(a) Delhi-Agra Section (b) Rohtak-Chandigarh Section
(c) Delhi-Chandigarh Section (d) Rewari-Rohtak Section

38. The "Door to Hell", a continuously burning natural gas crater, is located in :-
(a) Azerbaijan (b) Kazakhstan (c) Turkmenistan (d) Uzbekistan

39. Who Instituted the "Dag Hammarskjold Medal" presented to posthumous military personnel, police or civilians ?
(a) ASEAN (b) World Bank (c) SAARC (d) United Nations

40. The capital of Mughal Empire was shifted from Agra to Delhi by
(a) Jahangir (b) Aurangzeb (c) Humayun (d) Shahjahan

41. Nirmal Gram Puraskars are awards given to villages which
(a) Are 100% open defecation free (b) Provide clean drinking water to villagers
(c) Are free from communal distinction (d) Abolish untouchability

42. Indian Army's counter-insurgency school is situated in
(a) Kanker (b) Srinagar (c) Tezpur (d) Vairengte

43. Which of the following has become the first airport in the world to be fully operational on Solar Power?
(a) Amritsar International Airport (b) Cochin International Airport Ltd (Kerala)
(c) Netaji Subhash Chandra Bose International Airport
(d) Lokpriya Gopinath Bardoli International Airport

44. Who discovered magnetic field of electric current?
(a) Ampere (b) Faraday (c) Fleming (d) Edison

45. When an iron nail gets rusted, iron oxide is formed :-
(a) Without any change in the weight of the nail
(b) With decrease in the weight of the nail
(c) With increase in the weight of the nail
(d) Without any change in colour or weight of the nail

46. The world's largest solar power plant has been installed in which state of India?
(a) Andhra Pradesh (b) Rajasthan (c) Tamil Nadu (d) Haryana

47. IRNSS, the India's indigenous regional navigation satellite system comprise of _____ number of satellites.
(a) 5 (b) 6 (c) 7 (d) 8

61. A set of flip flops integrated together is called.....
(a) Counter (b) Adder (c) Register (d) None of these

62. Which of the following have the fastest access time?
(a) Semiconductor memories (b) Magnetic Disks
(c) Magnetic Tapes (d) Compact Disks

63. In a computer _____ is capable to store single binary bit?
(a) Capacitor (b) Flip Flop (c) Register (d) Inductor

64. Who is the present Chief Justice of India ?
(a) TS Thakur (b) HL Dattu (c) RM Lodha (d) None of the Above

65. Major General _____ of Indian Army was appointed as the Head of Mission and Force Commander of the United Nations Disengagement Observer Force (UNDOF) in February 2016.
(a) Jai Shanker Menon (b) Abu Belal Muhammad Shafiu Huq
(c) S.A.P.P Samarasinghe (d) Batoo Tshering

66. Who is the founder & CEO of Facebook ?
(a) Bill Gates (b) Mark Zuckerburg
(c) Larry Page (d) Sergey Brin

67. Which Indian shooter has clinched silver in the 50 metre pistol event of ISSF World Cup 2016 ?
(a) Gagan Narang (b) Ronjan Sodhi
(c) Jitu Rai (d) Abhinav Bindra

68. The first woman to climb Mount Everest was :-
(a) Marie Jose Perec (b) Florence Griffith Joyner
(c) Junko Tabei (d) Jackie Joyner Kersee

69. Who was the political guru of Gandhiji?
(a) Dadabhai Naoroji (b) Bal Gangadhar Tilak
(c) Gopal Krishna Gokhale (d) Lala Lajpat Rai

70. Which among the following music composer was deaf?
(a) Beethovan L V (b) Back J S
(c) Richard Strauss (d) Johannes Brahms

71. The first Indian to swim across the English Channel was
(a) V. Merchant (b) P.k. Banerji (c) Mihir Sen (d) Arati Saha

72. Name the Indian Javelin thrower who set a national record at the 56th National Inter-State Senior Athletics Championship?
(a) Suman Devi (b) Sharmila Kumari
(c) Annu Rani (d) None of the above

84. Who are the permanent members of the UN Security Council?
(a) Japan, Germany, France, Britain, Canada, United States.
(b) France, Russia, USA, Britain, China.
(c) USA, Germany, Britain, Brazil, China, Nigeria.
(d) USA, China, Britain, Germany, India

85. There are _____ members of SAARC.
(a) 5 (b) 6 (c) 7 (d) 8

86. Boko Haram is a terrorist organization in :-
(a) Algeria (b) Nigeria (c) South Africa (d) Tanzania

87. Silicon Valley is located in the city of _____, United States.
(a) New York city (b) Chicago
(c) San Francisco (d) Los Angeles

88. Which among the following have world's largest reserves of uranium
(a) Australia (b) Kazakhstan (c) Russia (d) USA

89. The Karakorum Highway connects which of the following pair of countries?
(a) India -Nepal (b) India - china (c) India -Pakistan (d) China -Pakistan

90. Which one of the following is the largest lake in the world
(a) Lake Superior (b) Caspian sea (c) Lake Baikal (d) Lake victoria

91. The capital city of Hungary?
(a) Budaors (b) Budapest (c) Manila (d) Eger

92. In which country is the Salzburg Festival held every year?
(a) Germany (b) Austria (c) Switzerland (d) France

93. Who among the following was the Prime Minister of England when India was given independence?
(a) Mountbatten (b) Churchill (c) Wavell (d) Attlee

94. Maximum strength of Lok Sabha & Rajya Sabha respectively are :-
(a) 500 & 250 (b) 552 & 250 (c) 425 & 275 (d) None of these

95. 'Madhubani' a style of folk paintings, is popular in which of the following states in India?
(a) Bihar (b) Madhya Pradesh (c) West Bengal (d) Rajasthan

96. The Desert Festival, an annual event in Rajasthan that displays local folk arts and culture, aerobatics, camel races, is held at
(a) Jodhpur (b) Jaisalmer (c) Barmer (d) Bikaner

97. The Rath temples at Mahabalipuram were built by-
(a) Chedis (b) Cholas (c) Chalukyas (d) Pallavas

98. Which is the oldest paramilitary force in the country?
(a) Border Security Force (b) Assam Rifles
(c) Indo-Tibetan Border Police (ITBP) (d) Coast Guard

99. Who was the first person to get Param vir chakra ?
(a) Major Somnath Sharma (b) Nk Jadunath Singh
(c) CHM Abdul Hamid (d) Capt Vikram Batra

100. Which of the following is India's first indigenously developed nuclear powered submarine?
(a) INS Vikrant (b) INS Trikhand
(c) INS Arihant (d) INS Sindhurakshak

101. Who of the following is the only Chief of Air Staff to be given the rank of Marshall of the Indian Air Force?
(a) Arjan Singh (b) Subroto Mukherjee (c) P.C. Lal (d) O.P. Mehra

102. Which regiment has the honor of having the most number of Param Vir Chakra Awardees?
(a) Parachute Regiment (b) Brigade of Gaurds
(c) Grenadiers Regiment (d) Punjab Regiment

103. India liberated Goa from the Portuguese in
(a) 1948 (b) 1965 (c) 1961 (d) 1960

104. What is the lowest commissioned rank in the Indian Air Force?
(a) Flying Officer (b) Pilot Officer
(c) Flight Lieutenant (d) Sub Lieutenant

105. The members of the Rajya Sabha are elected by:-
(a) The people (b) Lok Sabha
(c) Elected members of the legislative assembly
(d) Elected members of the legislative council

106. A money bill passed by the Lok Sabha is deemed to have passed by the Rajya Sabha also when no action is taken by the Upper House within
(a) 10 days (b) 14 days (c) 20 days (d) 30 days

107. Who administers the oath of office to the President?
(a) Chief Justice of India (b) Speaker of Lok Sabha
(c) Prime Minister (d) Vice President

108. Which one of the following bills must be passed by each house of the Indian parliament separately by special majority?
(a) Ordinary bill (b) Money bill
(c) Finance bill (d) Constitution amendment bill

109. Which one is not a fundamental right in the constitution of India?
(a) Right to Equality (b) Right to Liberty
(c) Right against exploitation and forced labour (d) Right to Property

110. The members of the Rajya Sabha are elected for a term:-
(a) Of six years
(b) Determined by the state legislative assembly of a state
(c) Of four years (d) None of the above

111. The first Union budget of independent India was presented by?
(a) Jawahar Lai Nehru (b) Vallabh Bhai Patel
(c) R.K. Shanmukham Chetty (d) Moraji Ranchhodji Desai

112. Advocate General of the State is appointed for the period of
(a) 5 Years (b) 6 Years
(c) Decided by the President (d) No fix tenure

113. Comptroller and Auditor General of India is not responsible for–
(a) Regulating Reserve Bank of India
(b) Issue of money from the Consolidated Fund
(c) Accounting of States & UTs, and Auditing of all Government Institutions
(d) Making payments to the States

114. What is the period of a Fiscal / Financial year in India?
(a) 1st January to 31st December (b) 1st March to 28th Feb
(c) 1st April to 31st March (d) 1st June to 31st May

115. Who are the target group under the Pradhan Mantri Gramodaya Yojana (PMGY) Scheme :-
(a) BPL People in rural areas (b) BPL People in urban area
(c) BPL Urban slum dwellers (d) People in rural areas

116. Paper currency first started in India in :-
(a) 1861 (b) 1542 (c) 1601 (d) 1880

117. Who is known as the 'Father of White Revolution'?
(a) V Kurien (b) MS Swaminathan (c) JP Narayan (d) Baba Amte

118. Which among the following is the oldest public sector bank of India?
(a) Punjab national bank (b) Imperial bank of India
(c) Allahabad bank (d) Central bank of India

119. Excise duty is a tax levied on the
(a) Import of goods (b) Export of goods
(c) Production of goods (d) Sale of goods

120. Which of the following is the first Indian private company to sign an accord with government of Myanmar for oil exploration in two offshore blocks in that country

(a) Reliance Energy (b) Essar Oil (c) GAIL (d) ONGC

121. The term "bull" and "bear" are used in

(a) Planning commission (b) Stock exchange
(c) Sales tax department (d) Income tax department

122. Which one of the following nations has faced severe economic crisis in the year 2015 resulting in default in repayment of IMF loan

(a) China (b) Greece (c) Ireland (d) Belgium

123. The financial capital of India is

(a) Mumbai (b) Delhi (c) Chennai (d) Chandigarh

124. A device which converts AC into DC is known as :-

(a) Transformer (b) Amplifier (c) Rectifier (d) Stabiliser

125. Leakage of which of the following gases had caused the Bhopal Gas Tragedy?

(a) Methyl isocyanate (b) Carbon Mono-oxide
(c) Nitric oxide (d) Sulphur di-oxide

126. When a gas is turned into a liquid, the process is called :-

(a) Condensation (b) Evaporation (c) Deposition (d) Sublimation

127. Water boils at a lower temperature on the hills because:-

(a) It is cold on the hills (b) There is less carbon dioxide on the hills
(c) There is a decrease in air pressure on the hills (d) There is less oxygen

128. What type of mirror is used by motorists to see the road behind them?

(a) Convex (b) Concave (c) Plane (d) Concavo-convex

129. Noise pollution is measured in?

(a) Decibels (b) Picogram (c) Microgram (d) Hertz

130. Purest form of water is

(a) Spring water (b) Well water (c) Rain water (d) Surface water

131. Yeast, used in making bread is a

(a) Fungus (b) Plant (c) Bacteria (d) Seed

132. Which of the following planets has almost the same mass, size and density as the Earth?

(a) Venus (b) Mars (c) Saturn (d) Uranus

133. The infrared radiation by sun are strongly absorbed by

(a) Carbon dioxide (b) Water vapours
(c) Carbon dioxide and water vapours (d) Ozone



134. Sultan Azlan Shah cup is associated with which sports?
(a) Cricket (b) Hockey (c) Kabaddi (d) Football

135. 2017 FIFA Under 17 world cup will be hosted by which country?
(a) India (b) France (c) New Zealand (d) Srilanka

136. Which Country will host Olympics 2020?
(a) Brazil (b) India (c) Japan (d) Germany

137. India won its first Olympic hockey gold in
(a) 1928 (b) 1932 (c) 1936 (d) 1948

138. The Indian football team made its first appearance at Olympic in
(a) 1936 (b) 1948 (c) 1952 (d) 1956

139. India got the following number of gold medals in 2016 Paralympic
(a) 1 (b) 2 (c) 3 (d) 4

140. The Arjuna Awards were instituted in the year
(a) 1963 (b) 1965 (c) 1961 (d) 1957

141. Who was the 1st ODI captain for india?
(a) Ajit Wadekar (b) Bishen Singh Bedi
(c) Nawab Pataudi (d) Vinod Mankad

142. Which country is the current hockey world champion?
(a) Germany (b) Holland (c) Australia (d) England

143. Joshna Chinappa is related to the game of _____
(a) Hockey (b) Badminton (c) Squash (d) Chess

144. Which of the following book is an autobiography of Dr. A. P. J Abdul Kalam?
(a) Ignited Minds (b) Turning Points
(c) Wings of Fire (d) My Presidential Years

145. 'Panchatantra' is originally written by _____
(a) Kalidas (b) Vishnu Sharma (c) Tulsi Das (d) None of these

146. The famous book 'Anandmath' was authored by:-
(a) Sarojini Naidu (b) Bankim Chandra Chottapadhyay
(c) Sri Aurobindo (d) Rabindrnath Tagore

147. The Mansabdari system introduced by Akbar was borrowed from the system in
(a) Turkey (b) Persia (c) Afghanistan (d) Mongolia

148. Which of the following is similar to the Taj Mahal in construction
(a) Akbars tomb (b) Jahangirs tomb
(c) Humayuns tomb (d) Bibi ka makbara

149. Indus valley people had trade relations with
(a) Egypt (b) Greece (c) Ceylon (d) Mesopotamia

150. Which one among the following is the oldest dynasty
(a) Pallava dynasty (b) Chola dynasty
(c) Maurya dynasty (d) Gupta dynasty

A decorative horizontal line consisting of a series of black asterisks (*).

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