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ACC-I

Previous Year Paper

Feb 2017

(CGAT Paper-II)



INDEX No _____

SET - B

Time: 3 Hrs

Max Marks: 300

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) Antrax (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) Hisar 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

48. Galileo invented
(a) Barometer (b) Microscope
(c) Thermometer (c) Pendulum clock
49. Which country in the world has the maximum number of robot working?
(a) USA (b) China (c) Japan (d) Russia
50. Who is the president of the council of Scientific and Industrial Research?
(a) President of India (b) Vice President of India
(c) Prime Minister of India (d) Union Minister of Science and Technology
51. Who is known as the father of Indian nuclear program?
(a) A P J Abdul Kalam (b) Raja Ramanna
(c) Homi j Bhabha (d) Vikram Sarabhai
52. Which one is India permanent research station in Antarctica?
(a) Ganga (b) Agni (c) Maitri (d) None of these
53. The first nuclear test conducted in India under the code name of Smiling Buddha in the year
(a) 1973 (b) 1974 (c) 1988 (d) 1996
54. Select the smallest (computer) memory size :-
(a) Terabyte (b) Gigabyte (c) Kilobyte (d) Megabyte
55. What is the maximum punishment for Cyber Terrorism under IT Act 2000.
(a) 1 crore rupees penalty (b) Life Imprisonment
(c) 6 year imprisonment (d) 10 year imprisonment
56. If a computer provides database services to other, then it will be known as ?
(a) Web server (b) Application server
(c) Database server (d) FTP server
57. Full form of URL is ?
(a) Uniform Resource Locator (b) Uniform Resource Link
(c) Uniform Registered Link (d) Unified Resource Link
58. Which of the following are true about firewall
(a) Follows a set of rules
(b) Can be either a software or a hardware
(c) Filters network traffic (d) All the above
59. Which of the following is not an operating system?
(a) UNIX (b) MULTICS (c) JAVA (d) Windows
60. The basic unit of a worksheet into which you enter data in excel is called a
(a) Cell (b) Table (c) Box (d) Column

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 Shafiul Huq
(c) S.A.P.P Samarasinghe (d) Batoo Tshering
66. Who is the founder & CEO of Facebook ?
(a) Bill Gates (b) Mark Zuckerberg
(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 Perc (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) Beethoven 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

73. Name the agricultural scientist fondly referred to as the Father of Hybrid Sorghum who died in July 2016?
(a) Janine Monillat
(b) PV Parabrahma Sastry
(c) Neelamraju Ganga Prasada Rao
(d) Sonath Rama Wani
74. India's golden triangle is a tourist circuit which doesn't connect which of the following city?
(a) Jaipur (b) Delhi (c) Lucknow (d) Agra
75. The words 'Satyameva Jayate' inscribed below the base plate of the emblem of India are taken from:-
(a) Rigveda (b) Satpath Brahmana
(c) Mundak Upanishad (d) Ramayana
76. Quit India Movement started after the failure of:-
(a) Cabinet Mission (b) Cripps' Mission
(c) Simon recommendations (d) None of the above
77. At which place Gautam Buddha delivered his first sermon?
(a) Sarnath (b) Lumbini (c) Bodh Gaya (d) Vaishali
78. Which dynasty was well known for excellent village administration?
(a) Pandyas (b) Palavas (c) Cholas (d) Chalukyas
79. The tribal population in Andaman and Nicobar island belongs to
(a) Australoid race (b) Caucasoid race
(c) Mongoloid race (d) Negroid race
80. The Mahatma Gandhi National Marine Park is located in?
(a) Pirotan Island (b) Rameshwaram
(c) Ganga Sagar Island (d) Port Blair
81. In which among the following years, a new "Liberalized Industrial Policy" in India was announced for the first time?
(a) 1986 (b) 1991 (c) 1992 (d) 1993
82. Who declared that his ultimate aim was to wipe 'every tear from every eye'?
(a) Rajendra Prasad (b) Sardar Patel
(c) Jawarharlal Nehru (d) Mahatma Gandhi
83. Which one of the following rivers was known as the 'Sorrow of Bengal'?
(a) The Gandak (b) The Son (c) The Kosi (d) The Damodar

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 Trikhanda
(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 Gurkhas
(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 Lal 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) Sri Lanka
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 Chatterpadhya
(c) Sri Aurobindo (d) Rabindranath 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

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