

I.B.

EXAM

MODEL PRACTICE SET

INTELLIGENCE BUREAU INTELLIGENCE OFFICER EXAM

GENERAL KNOWLEDGE, REASONING & ARITHMETIC

- Most of the Harappan inscriptions were recorded on—
(1) seals
(2) bricks
(3) bronze plates
(4) rocks
- Who founded Patliputra ?
(1) Ashoka (2) Bimbisara
(3) Udayin
(4) Mahapadma Nand
- Who introduced the iqtdari system ?
(1) Balban
(2) Allauddin Khilji
(3) Firoz Shah Tughlaq
(4) Iltutmish
- The Indian Space Research Organization is in—
(1) Trivandrum
(2) Bangalore
(3) Thumba (4) Sriharikota
- Which kind of power accounts for the largest share of power generation in India ?
(1) hydro electricity
(2) thermal
(3) nuclear
(4) solar
- The largest number of cotton textile mills is, in—
(1) Maharashtra
(2) Gujarat (3) Tamil Nadu
(4) Karnataka
- Who among the following Presidents held office for two consecutive terms ?
(1) Dr. Rajendra Prasad
(2) Dr. S. Radhakrishnan
(3) Dr. Zakir Hussain
(4) Both (1) and (2)
- How many types of emergencies have been envisaged by the Constitution ?
(1) Only one (2) Two
(3) Three (4) Four
- Who is legally competent to declare war or conclude peace ?
(1) The Parliament
(2) The President
(3) The Council of Ministers
(4) Prime Minister
- 'World Environment Day' is on—
(1) 15th June
(2) 10th May
(3) 5th June
(4) 10th December
- Under the Indian Constitution, concentration of wealth violates—
(1) the right to equality
(2) the directive principles
(3) the right to freedom
(4) the concept of welfare state
- The disease "Beri Beri" is caused by the deficiency of—
(1) iodine (2) hormones
(3) iron (4) vitamin-B
- The substance coated on plastic tape recorder tapes is—
(1) Zinc oxide
(2) Magnesium oxide
(3) Iron sulphate
(4) Iron oxide
- The inside of a photographic camera is coated black to avoid—
(1) scattering of light
(2) total internal reflection of light
(3) reflection of light
(4) absorption of light
- Muscle fatigue occurs due to the accumulation of—
(1) pyruvic acid
(2) lactic acid
(3) oxalacetic acid
(4) uric acid
- The Venue for Olympics in 2012 is—
(1) Athens (2) Seoul
(3) London (4) New Delhi
- Which state produces maximum Soyabean in India ?
(1) Madhya Pradesh
(2) Uttar Pradesh
(3) Bihar
(4) Rajasthan
- Which of the following combination of category – winner is not about the 56th National Film Award which were announced on January 23, 2010 ?
(1) Best Feature Film – Antaheen
(2) Best Actress – Katrina Kaif
(3) Best Actor – Upenendra Limaye
(4) Best Popular Film
– Oye Lucky ! Lucky Oye !
- Which state at present ranks first in milk production in India ?
(1) Haryana
(2) Punjab
(3) Rajasthan
(4) Uttar Pradesh
- What was the field of Sunderrajan Committee ?
(1) Petroleum
(2) Small Industry
(3) Education
(4) Power
- Every resource available on the web has an address that may—
(1) URI (2) HTTP
(3) both (1) and (2)
(4) None of these
- The process of a computer receiving information from a server on the Internet is known as
(1) pulling (2) pushing
(3) downloading
(4) transferring
- What is Modem ?
(1) Transister
(2) Vacuum tube
(3) Modulating and demodulating device
(4) None of these
- The first English factory in India was established at—
(1) Bombay (2) Surat
(3) Hooghly (4) Calcutta
- Ain-i-Dehsala was introduced as a method of assessment of land revenue by—
(1) Sher Shah
(2) Shahjahan
(3) Akbar
(4) Aurangzeb

26. Who among the following was the founder of the Khudai Khidmatgar organisation ?
 (1) Khan Abdul Ghaffar Khan
 (2) Abdul Rab Nishtar
 (3) Shaukatullah Ansari
 (4) Khan Abdul Quayum Khan
27. Who committed the most daring murder in 1907 of Sir Curzon Wyllie at a public meeting in London ?
 (1) B N Dutta
 (2) M L Dhingra
 (3) Sardar Ajit Singh
 (4) S C Chatterjee
28. Who among the following won the Indian Science Congress Award on January 3, 2010 ?
 (1) CR Rao
 (2) SM Saha
 (3) A Jayakrishnan
 (4) UR Rao
29. The Minorities Commission was given statutory status in—
 (1) 1989 (2) 1990
 (3) 1991 (4) 1992
30. Who is responsible for keeping the voters list upto date at all times ?
 (1) The President
 (2) The Election Commission
 (3) The Union Home Ministry
 (4) All the above
31. The code of conduct of political parties during elections is prescribed by the—
 (1) President of India
 (2) Union Cabinet
 (3) Election Commission
 (4) Speaker of Lok Sabha in consultation with all the recognised political parties
32. The Mehsana breed of buffalo is found mainly in—
 (1) Punjab
 (2) Gujarat
 (3) Uttar Pradesh
 (4) Haryana
33. Which of the following has the oldest rocks in the country ?
 (1) the Himalayas
 (2) the Aravallis
 (3) the Indo-Gangetic plain
 (4) the Siwaliks
34. The leeward side of a mountain which does not receive rain is
 (1) dry zone
 (2) desert area
 (3) rain-shadow area
 (4) adiabatically dry area
35. Which Industry provides jobs to the maximum number of people:
 (1) iron and steel
 (2) cotton textile
 (3) sugar industry
 (4) tea processing
36. Which of the following breeds of chicken is the most prolific egg layer in the world ?
 (1) Astro White
 (2) Brahma
 (3) Black Minorca
 (4) White Leghorn
37. Which of the following won the Dr. B C Roy Trophy in the Junior (Under-19) National football championship in Mandya, Karnataka on January 10, 2010?
 (1) Orissa (2) Karnataka
 (3) Manipur (4) Kerala
38. Human T-cell leukemia virus is known to cause—
 (1) blood cancer
 (2) AIDS
 (3) cerebral haemorrhage
 (4) hepatitis
39. Heroin can be prepared by acetylation of—
 (1) reserpine
 (2) morphine
 (3) salicylic acid
 (4) guanine
40. The pair of metals used in the manufacture of stainless steel are—
 (1) chromium and steel
 (2) zinc and iron
 (3) copper and iron
 (4) iron and chromium
41. The substance that contains the maximum amount of nitrogen is—
 (1) Urea
 (2) Ammonium sulphate
 (3) Ammonium nitrate
 (4) Ammonium chloride
42. The centre option of the top right in a window screen is:
 (1) Maximize (2) Minimize
 (3) Close (4) Help
43. The extension of a screen saver
 (1) bmp (2) pic
 (3) set
 (4) no extension at all
44. Burj Dubai, the world's tallest structure was opened in Dubai on January 4, 2010. What is the height of this structure ?
 (1) 825 metres
 (2) 826 metres
 (3) 828 metres
 (4) 832 metres
45. The difference between GDP and NDP is—
 (1) Government revenue
 (2) Net indirect Tax
 (3) Consumption of fixed capital
 (4) Net capital formation
46. What is Green Gold ?
 (1) Tea (2) Coffee
 (3) Gold (4) Rice
47. The Quit India Movement was organised in—
 (1) 1930 (2) 1940
 (3) 1942 (4) 1947
48. "Rajtarangini" written by Kalhan is—
 (1) a history of Kashmir
 (2) an anthology of lyrics
 (3) Both (1) and (2)
 (4) None of these
49. Individual Civil Disobedience movement was launched in—
 (1) 1942 (2) 1945
 (3) 1940 (4) 1946
50. Acetyl salicylic acid is commonly use as—
 (1) tear gas
 (2) a fertiliser
 (3) a pain killer
 (4) a sedative
51. Which of the following Fundamental Rights is not included under the heading Right to equality in the Indian Constitution ?
 (1) Prohibition of discrimination on grounds only of religion, race, caste, sex or place of birth
 (2) Abolition of untouchability
 (3) Abolition of titles
 (4) Protection of life and personal liberty
52. Which of the following Fundamental Rights is included under the heading 'Right to freedom'

- (1) Freedom of conscience
(2) Freedom to manage religious affairs
(3) Freedom of movement
(4) Freedom as to payment of taxes for promotion of any particular religion
53. Which Article of the Constitution contains provisions for the imposition of press censorship?
(1) Art. 19
(2) read with Art. 19(1)
(3) Art. 32
(4) Art. 29 (4) Art. 19(6)
54. The judicial power of the President refers to—
(1) his power to grant pardon etc.
(2) his power to refer to the Supreme Court for its opinion in respect of a question of law or fact
(3) his power to appoint Judges of the Supreme Court and High Courts
(4) All of the above powers
55. Longest cell in human body are—
(1) Nerve cells
(2) Bone cells
(3) Leg muscle cells
(4) Heart muscle cells
56. In DNA, adenine pairs with—
(1) Guanine (2) Thymine
(3) Cytosine (4) Uracil
57. The site of glycolysis is—
(1) Mitochondria
(2) Cytoplasm
(3) Endoplasmic Reticulum
(4) Ribosomes
58. Name of fastest enzyme is:
(1) Urease (2) Sucrose
(3) Carbonic anhydrase
(4) None of these
59. The term 'antibiotic' was first used by—
(1) Fleming (2) Pasteur
(3) Lister (4) Waksman
60. Phycology deals with study of:
(1) Algae (2) Fungi
(3) Microbes (4) Bacteria
61. Largest and heaviest mammal of the world is:
(1) Elephant (2) Tiger
(3) Lion (4) Blue whale
62. When population reaches carrying capacity—
(1) Mortality Rate > Birth Rate
(2) Mortality Rate < Birth Rate
(3) Mortality Rate = Birth Rate
(4) None of these
63. National park associated with Rhinoceros is—
(1) Ranthambore
(2) Kaziranga
(3) Carbett
(4) Valley of flowers
64. Wood is a common name of—
(1) Phloem (2) Cambium
(3) Vascular bundles
(4) Secondary Xylem
65. Kautilya's Arthashastra is a book on—
(1) Foreign affairs
(2) Principles and practises of statecraft
(3) Economic relations
(4) Duties of the king
66. Generally the Prime Minister is—
(1) The senior most member of the Parliament
(2) The leader of the largest Party in the Lok Sabha
(3) A close friend of the President
(4) Only a member of Parliament
67. Water Pollution is caused by:
(1) Sodium chloride
(2) Calcium
(3) Industrial wastes
(4) Molasses
68. ___ and India, on January 5, 2010, agreed to resolve outstanding issues relating to water sharing and jointly start work for the protection of banks of the common rivers.
(1) Nepal (2) Pakistan
(3) China (4) Bangladesh
69. The heating element in an electric heater is made of ____
(1) Copper (2) Tungsten
(3) Nichrome (4) Iron
70. What is needed or creating demand?
(1) Production
(2) Price
(3) Import (4) Income
71. The U.S., on January 20, 2010, designated al-Qaeda in the Arabian Peninsula as a terrorist organisation and called upon the United Nations to follow suit
(1) 1110 (2) 1267
(3) 1367 (4) 1455
72. The three primary colours are—
(1) blue, yellow and red
(2) yellow, orange and red
(3) blue, green and red
(4) violet, indigo and blue
73. The dreaded human disease, syphilis is caused by:
(1) A bacterium
(2) Fungus
(3) Virus
(4) An animal parasite
74. Chairman of Tax reforms committee was—
(1) P. Mukherjee
(2) S. Jankiraman
(3) K. P. Narsimhan
(4) Kelkar
75. Indian Green Revolution is the most successful in:
(1) Tea and Coffee
(2) Wheat and Rice
(3) Wheat and Potato
(4) Jwar and Oil seeds
76. India is not a member of:
(1) G-15
(2) UNO
(3) ASEAN
(4) Commonwealth
77. Which one of the following is against concentration gradient:
(1) Transpiration
(2) Diffusion
(3) Osmosis
(4) Translocation
78. Dental formula of adult human is—
(1) $\frac{2122}{2122}$ (2) $\frac{2114}{2114}$
(3) $\frac{2123}{2124}$ (4) $\frac{2123}{2123}$
79. Each human kidney has nearly—
(1) 10,000 nephrons
(2) 50,000 nephrons
(3) 1,00,000 nephrons
(4) 2 million nephrons
80. Which cells stop dividing after birth—
(1) Glial (2) Liver
(3) Neuron (4) Epithelium
81. Parkinsonism is a defect of:
(1) Brain (2) Kidney
(3) Liver (4) All

82. Deficiency in the activity of adrenal cortex leads to:
 (1) Addison's disease
 (2) Simmond's disease
 (3) Cohn's syndrome
 (4) Cushing's disease
83. The science of Ageing is called —
 (1) Chronology
 (2) Odontology
 (3) Gynecology
 (4) Gerontology
84. A pair of contrasting character is called—
 (1) Genotype
 (2) Phenotype
 (3) Allele
 (4) Gene
85. Match the List-I with List-II and select the correct answer using the codes given below the Lists :
List I (Authors)
 A. Mahatma Gandhi
 B. Ram Manohar Lohia
 C. Dr. Rajendra Prasad
 D. Abul Kalam Azad
List II (Books)
 1. India Divided
 2. India Wins Freedom
 3. Hind Swaraj
 4. The Wheel of History
- | | A | B | C | D |
|-----|---|---|---|---|
| (1) | 1 | 3 | 4 | 2 |
| (2) | 4 | 3 | 2 | 1 |
| (3) | 3 | 4 | 1 | 2 |
| (4) | 2 | 3 | 4 | 1 |
86. The Chief constituent of Gobar gas is:
 (1) Hydrogen (2) Nitrogen
 (3) Ethane (4) Methane
87. Ozone present in ozone layer of the atmosphere is important because—
 (1) It gives oxygen on dissociation
 (2) It shields other gases
 (3) It helps in growth of plants by absorbing a large proportion of the sun's ultra violet radiations
 (4) None of these
88. Finance Commission is appointed by the President under article—
 (1) 256 of constitution
 (2) 280 of constitution
 (3) 293 of constitution
 (4) 243 of constitution
89. As per the data released by the Indian Institute of Foreign Trade on January 1, 2010, imports declined by — per cent to \$22.88 billion in November 2009.
 (1) 2.6 (2) 3.3
 (3) 4.8 (4) 5.5
90. Who said these words at the time of quit India movement—'Do or die' ?
 (1) Mahatma Gandhi
 (2) J.L. Nehru
 (3) Sardar Patel
 (4) Subhash Bose
91. Galvanised iron is coated with a thin coating of
 (1) Copper (2) Tin
 (3) Zinc (4) Aluminium
92. Which of the following is not a Fundamental Right ?
 (1) Right to equality
 (2) Right to property
 (3) Right against exploitation
 (4) Right to freedom of speech
93. Who has been conferred the prestigious Asia Society leadership award ?
 (1) Anil Ambani
 (2) Mukesh Ambani
 (3) Narayan Murthy
 (4) Kumaramanglam Birla
94. Which of the following bodies finalises the Five-Year Plan proposals ?
 (1) Planning Commission
 (2) Union Cabinet
 (3) National Development Council
 (4) Ministry of Planning
95. First hormone produce artificially by culturing bacteria is—
 (1) Testosterone
 (2) Insulin (3) Thyroxine
 (4) Adrenaline
96. Both B and T-cells of immune system are produce in:
 (1) Spleen
 (2) Lymphoid tissue
 (3) Bone marrow
 (4) Thymus
97. Which of the following is wrongly matched ?
 (1) Primary cell—Produces electric current by irreversible chemical reaction
 (2) Secondary cell—Produces electric current by reversible chemical reaction
 (3) Accumulator—Electrolyte is in paste form
 (4) Dry cell—Central carbon rod acts as anode
98. In nuclear fission 1 mg. of U^{235} disappears. The energy released is—
 (1) 9×10^{17} ergs
 (2) 3×10^{10} ergs
 (3) 9×10^{20} ergs
 (4) 9×10^{10} ergs
99. Dual nature of matter means, it has both wave and particle properties. Wave property becomes more prominent:
 (1) at small speeds
 (2) at high speeds
 (3) at infinite speeds
 (4) at all speeds
100. An example of nuclear fusion is—
 (1) formation of water from hydrogen and oxygen
 (2) formation of radioactive $C-12$ from atmospheric nitrogen
 (3) formation of helium from hydrogen
 (4) formation of antimony and niobium from uranium
101. Aluminium is obtained from—
 (1) Bauxite (2) Haemetite
 (3) Cinnabar (4) Aunite
102. Which is the purest form of iron?
 (1) Steel (2) Cast iron
 (3) Pig iron (4) Wrought iron
103. Mercury vapour lamp gives light rich in—
 (1) Ultra-violet rays
 (2) Infra-red rays
 (3) Visible rays
 (4) Gamma rays
104. Which of the following is used as a fuel in torpedoes, submarines, rockets etc.—
 (1) Hydrogen peroxide
 (2) Magnesium oxide
 (3) Sulphur dioxide
 (4) Phosphorus pentoxide
105. Which is the most abundant element in human body ?
 (1) Oxygen
 (2) Nitrogen
 (3) Carbon
 (4) Hydrogen

- 106.** Traces of Iodine are added to table salt to prevent:
(1) Goitre (2) Beri-beri
(3) Scurvy (4) Rickets
- 107.** Which of the following is called Oil of Vitriol?
(1) Hydrochloric acid
(2) Linseed oil
(3) Sulphuric acid
(4) Petroleum
- 108.** Which of the following does not exhibit allotropy?
(1) Carbon
(2) Sulphur
(3) Phosphorus
(4) Sodium
- 109.** Sicilian process is used for the manufacture of—
(1) Hydrogen
(2) Sulphur
(3) Phosphorus
(4) Calcium
- 110.** Sulphuric acid has great affinity for—
(1) Hydrogen (2) Water
(3) Oxygen (4) Chlorine
- 111.** An antichlor is a substance used to remove last traces of free chlorine from bleached materials. Which of the following materials can be used as an antichlor?
(1) Hydrogen sulphide
(2) Hydrogen peroxide
(3) Sulphur dioxide
(4) Freon
- 112.** Hydrogen is the lightest of all gases. Which is the second lightest gas?
(1) Helium (2) Argon
(3) Chlorine (4) Xenon
- 113.** The dimensions of Planck's constant are the same as the dimensions _____
(1) Energy
(2) Frequency
(3) Linear Momentum
(4) Angular Momentum
- 114.** An air bubble inside water will behave as—
(1) a convex lens
(2) a concave lens
(3) a plan slab
(4) nothing
- 115.** The focal length of a concave lens is 20cm. How far from it that an erect and enlarged image of the object is formed?
(1) 30 cm. (2) 15 cm.
(3) 40 cm. (4) 20 cm.
- 116.** Which one set of letters when sequentially placed at the gaps in the given letter series shall complete it?
Z X _ T R _ N L J _ F D
(1) V P H B (2) V R H B
(3) U P J B (4) U P J D
- 117.** A man starts from a point and walks 2 km. towards north. He turns right and walks 3 km. Then he turns left and travels 2 km. What is the direction he is now facing?
(1) East (2) West
(3) South (4) North
- 118.** Five men A, B, C, D and E read a newspaper. The one who reads first gives it to C, the one who reads last had taken it from A. E was not the first or last to read. There were two readers between B and A. Find the person who read the newspaper last—
(1) E (2) B
(3) D (4) A
- 119.** A is B's daughter. B is C's mother. D is C's brother. How is D related to A?
(1) Father (2) Grandfather
(3) Brother (4) Son
- 120.** 50 men can dig 40 holes in 30 days. How long will 25 men take to dig 20 holes?
(1) 15 days (2) 22½ days
(3) 30 days (4) 45 days
- Directions (121-123):** Select the related word/number from the given alternatives.
- 121.** Touch : Feel :: Greet : ?
(1) Smile
(2) Acknowledge
(3) Success
(4) Manners
- 122.** TALE : LATE :: ? : CAFE
(1) FACE (2) CAEF
(3) CEFA (4) FEAC
- 123.** 3 : 243 :: 5 : ?
(1) 405 (2) 465
(3) 3125 (4) 546
- 124.** Postal voting is otherwise called :
(1) plural voting
(2) proxy voting
(3) weighted voting
- 125.** Stability of the Government is assured in :
(1) Parliamentary Form of Government.
(2) Presidential Form of Government.
(3) Plural Executive System
(4) Direction Democracy
- 126.** According to the Indian Constitution, the vacancy in the office of the President of India shall be filled within :
(1) 1 month
(2) 6 months
(3) 3 months
(4) 1 year
- 127.** What is "Vishva Mohini"?
(1) Name for India's Beauty Queen
(2) The title given to Lata Mangeshkar for her contribution to music
(3) An Indian ship
(4) A famous book on Indian dances
- 128.** The main function of the World Trade Organisation (WTO) is :
(1) enforcing of Uruguay Round Agreements
(2) facilitating multi-lateral trade relations of member countries and reviewing trade policies
(3) administering trade dispute settlement procedures
(4) None of the above
- 129.** Name the author of the book *A Passage to England* :
(1) E.M. Forster
(2) Nirad C. Choudhary
(3) Vikram Seth
(4) Eric Segal
- 130.** The World Chess Federation (FIDE), in January 2010, in its Presidential Board meeting at Bursa, ____, gave clearance to India's Sriram Jha's Grandmaster title application.
(1) Bulgaria (2) Turkey
(3) Greece (4) Syria
- 131.** The Indian Naval Ship being converted into a maritime museum is :
(1) Sagar Samrat
(2) Kanishka
(3) Samrat Ashoka
(4) Vikrant

- 132.** The first country to legalise medically assisted suicide is :
 (1) Australia
 (2) United States
 (3) Netherlands
 (4) Switzerland
- 133.** The vice-president of China's Supreme Court who, on January 19, 2010, became the highest-ranking law official to ever be dismissed on charges in the country's six-decade history, is :
 (1) Chang Lin
 (2) Mao Tan Zhou
 (3) Huang Songyou
 (4) Taka Sheng Min
- 134.** Exobiology deals with the study of :
 (1) external characters of living organisms
 (2) life on the surface of the earth
 (3) life in the outer layers of atmosphere
 (4) life in other planets and space
- 135.** The Social System of the Harappans was :
 (1) Fairly egalitarian
 (2) Slave-Labour based
 (3) Colour (Varna) based
 (4) Caste based
- 136.** Which of the following Vedas provides information about the civilisation of the Early Vedic Age ?
 (1) Rig-veda
 (2) Yajur-veda
 (3) Atharva-veda
 (4) Sama-veda
- 137.** The university which became famous in the post-Gupta Era was :
 (1) Kanchi (2) Taxila
 (3) Nalanda (4) Vallabhi
- 138.** Banabhatta was the court poet of which emperor ?
 (1) Vikramaditya
 (2) Kumaragupta
 (3) Harshavardhana
 (4) Kanishka
- 139.** The first Indian ruler, who established the supremacy of Indian Navy in the Arabian Sea was :
 (2) Rajendra I
 (3) Rajadhiraja I
 (4) Kulottunga I
- 140.** The Mughal painting reaches its zenith during the reign of :
 (1) Akbar
 (2) Jahangir
 (3) Shahjahan
 (4) Aurangzeb
- 141.** Permanent Revenue settlement of Bengal was introduced by :
 (1) Clive (2) Hastings
 (3) Wellesley (4) Cornwallis
- 142.** The father of extremist movement in India is :
 (1) Motilal Nehru
 (2) Gopal Krishna Gokhale
 (3) Vallabhbhai Patel
 (4) Bal Gangadhar Tilak
- 143.** The World Bank normally gives :
 (1) short-term loans
 (2) medium-term loans
 (3) long-term loans
 (4) medium and long-term loans
- 144.** The prices at which the Government purchases food-grain for maintaining the public distribution system and for building up buffer stocks is known as—
 (1) Minimum support prices
 (2) Procurement prices
 (3) Issue prices
 (4) Ceiling prices
- 145.** Multiplier process in economic theory is conventionally taken to mean :
 (1) the manner in which prices increase
 (2) the manner in which banks create credit
 (3) income of an economy grows on account of an initial investment
 (4) the manner in which government expenditure increases
- 146.** Structural adjustment loans given by the World Bank are meant for :
 (1) increasing employment in agriculture
 (2) increasing export-earning capacity of the borrower country
 (3) reducing inequalities of income distribution
 (4) encouraging capital-intensive
- 147.** A financial instrument is called a 'primary security' if it represents the liability of :
 (1) some ultimate borrower
 (2) the Government of India
 (3) a primary cooperative bank
 (4) a commercial bank
- 148.** Service cooperatives are :
 (1) single purpose societies
 (2) credit societies
 (3) marketing societies
 (4) multi-purpose societies
- 149.** Output at break-even point is that output at which the producer is able to :
 (1) recover only operating costs
 (2) recover total costs
 (3) wipe out earlier losses
 (4) earn a normal profit
- 150.** India's share in world trade since 1950—
 (1) has been rising
 (2) has been constant
 (3) has been declining
 (4) has shown a mixed trend
- 151.** Animals do not have enzyme systems which enable them to make use of the energy from :
 (1) fat (2) water
 (3) protein
 (4) carbohydrate
- 152.** A clone is a colony of :
 (1) cells having different shapes
 (2) cells having similar shape
 (3) cells having similar genetic constitution
 (4) cells having different genetic constitutions
- 153.** The pollen grains of flowers pollinated by insects are :
 (1) smooth and dry
 (2) rough and sticky
 (3) rough and dry
 (4) large and showy
- 154.** Which one of the following substances is used for preservation of food grains?
 (1) Sodium benzoate
 (2) Vinegar
 (3) Sodium chloride
 (4) Potassium permanganate
- 155.** The disease caused by Asbestos is :
 (1) Emphysema
 (2) Paralysis
 (3) Diarrhoea

156. In the eye, colour vision is effected by the presence of :

- (1) Choroid coat
- (2) Sclerotic coat
- (3) Rods
- (4) Cones

157. The famous Lagoon lake of India is :

- (1) Dal Lake
- (2) Chilka Lake
- (3) Pulicat Lake
- (4) Mansarovar

158. The splitting of different colours of light in a prism is :

- (1) Reflection of light
- (2) Dispersion of light
- (3) Diffraction of light
- (4) Refraction of light

159. Where are most of the earth's active volcanoes concentrated :

- (1) Europe
- (2) Pacific Ocean
- (3) Africa
- (4) South America

160. The deflection of the winds to the right in the northern hemisphere is caused by :

- (1) revolution of the earth
- (2) rotation of the earth
- (3) uneven heating of the earth
- (4) All of the above

161. Which of the following is NOT one of the important steps in processing tea leaves?

- (1) Rolling
- (2) Drying
- (3) Fermenting
- (4) Withering

162. The Grand Canyon is located on the :

- (1) Colorado River
- (2) Rhine River
- (3) Tapti River
- (4) Niger River

163. The Savannah finds its ideal conditions of growth in :

- (1) mild and humid climate
- (2) dry summer and wet winter climate
- (3) hot humid climate with long dry season
- (4) hot summer and cool winter climate

164. What should be the proportion of forest cover for India to main-

- (1) 11.1 per cent
- (2) 22.2 per cent
- (3) 33.3 per cent
- (4) 44.4 per cent

165. Match List I with List II and find out the correct answer from the codes given below the Lists :

List I

(Thermal Power Plants)

- A. Kahalgaon
- B. Farakka
- C. Ramagundam
- D. Gandhar

List II

(Locations)

1. West Bengal
2. Bihar
3. Gujarat
4. Andhra Pradesh

Codes :

	A	B	C	D
(1)	1	2	3	4
(2)	4	3	1	2
(3)	2	1	4	3
(4)	3	2	1	4

166. Which one of the following States/Union Territories of India recorded the lowest density of population in 1991 Census?

- (1) Sikkim
- (2) Nagaland
- (3) Mizoram
- (4) Arunachal Pradesh

167. Three of the following pairs are wrong. Find out the correct one :

- (1) Written Constitution — England
- (2) Unitary State — USA
- (3) UN General Assembly — Veto power
- (4) SAARC — No bilateral issues

168. In Indian Republic the real executive authority rests with the :

- (1) Prime Minister
- (2) President
- (3) Bureaucrats
- (4) Council of Ministers

169. The Secretary - General of the UNO is appointed by the :

- (1) General Assembly
- (2) Security Council
- (3) Trusteeship Council
- (4) World Bank

170. Through which principle or de-

- (1) Abolition of machinery
- (2) Establishment of village industries
- (3) Trusteeship theory
- (4) None of the above

171. Governance through trade union organisations is known as :

- (1) Guild Socialism
- (2) Fabian Socialism
- (3) Syndicalism
- (4) Liberalism

172. A and B can do a work in 12 days. B and C in 15 days. C and A in 20 days. If A, B and C work together, they will complete the work in :

- (1) 5 days
- (2) $7\frac{5}{6}$ days
- (3) 10 days
- (4) $15\frac{2}{3}$ days

173. Two pipes A and B can fill a tank in 20 minutes and 30 minutes respectively. If pipes are opened together, the time taken to fill the tank is :

- (1) 50 minutes
- (2) 12 minutes
- (3) 25 minutes
- (4) 15 minutes

174. If a man walks 20 km. at 5 km./hr., he will be late by 40 minutes. If he walks at 8 km./hr., how early from the fixed time will he reach?

- (1) 15 minutes
- (2) 25 minutes
- (3) 50 minutes

- (4) $1\frac{1}{2}$ hours

175. A train 180 m. long moving at the speed of 20 m./sec. overtakes a man moving at a speed of 10 m./sec. in the same direction. The train passes the man in :

- (1) 6 sec.
- (2) 9 sec.
- (3) 18 sec.
- (4) 27 sec.

176. The HCF and LCM of two numbers are 13 and 455 respectively. If one of the numbers lies between 75 and 125 then, that number is :

177. A boy was asked to multiply a certain number by 50. He multiplied it by 30 and got his answer less than the correct one by 400. The number to be multiplied was :
(1) 10 (2) 20
(3) 30 (4) 40
178. 0.6 of a number is equal to 0.08 of another number. The ratio of the numbers will be :
(1) 3 : 4 (2) 4 : 3
(3) 2 : 15 (4) 2 : 9
179. The least number which when divided by 4, 6, 8, 12 and 16 leaves a remainder of 2 in each case is :
(1) 46 (2) 48
(3) 50 (4) 56
180. In a town, the population was 8000. In one year, male population increased by 10 per cent and female population increased by 8 per cent but the total population increased by 9 per cent. The number of males in the town was :
(1) 4000 (2) 4500
(3) 5000 (4) 6000
181. In an examination, there were 1000 boys and 800 girls. 60 per cent of the boys and 50 per cent of the girls passed. Find the per cent of the candidates failed ?
(1) 46.4 (2) 48.4
(3) 44.4 (4) 49.6
182. If A exceeds B by 40 per cent, B is less than C by 20 per cent, then A : C is :
(1) 28 : 25 (2) 26 : 25
(3) 3 : 2 (4) 3 : 1
183. SEBI was established in—
(1) 1993 (2) 1992
(3) 1988 (4) 1990
184. For the enforcement of Fundamental rights the courts can issue
(1) a decree (2) a writ
(3) an ordinance
(4) a notification
185. Which of the following writs literally means 'you may have the body' ?
(1) Habeas corpus
(2) Certiorari
(3) Mandamus
(4) Quo warranto
186. All deleted files and folder will
(1) C-drive (2) Recyclebin
(3) Desk top (4) None
187. Mahabalipuram temple was built by—
(1) Pallavas (2) Cheras
(3) Cholas (4) Pandiyas
188. The process by which metal surface is coated with thin layer of Zinc is called—
(1) Vulcanising
(2) Electroplating
(3) Galvanising
(4) None of these
189. Which soil swells when wet and develops cracks when dry ?
(1) alluvial (2) black
(3) red (4) laterite
190. In which State is silent valley located ?
(1) Tamil Nadu (2) Kerala
(3) Assam (4) UP
191. Hormones which are necessary for the development of human body are secreted by:
(1) Thyroid gland
(2) Parathyroid gland
(3) Pituitary gland
(4) Exocrine gland
192. Fat is stored in the human body in—
(1) Muscular tissue
(2) adipose tissue
(3) Connective tissue
(4) Epithelial tissue
193. Which part of the computer helps to store information?
(1) Disk drive (2) Keyboard
(3) Monitor (4) Printer
194. The capital of India was shifted from Calcutta to Delhi in the year
(1) 1905 (2) 1911
(3) 1912 (4) 1916
195. In the visible spectrum the colour having the shortest wavelength is —
(1) violet (2) blue
(3) red (4) yellow
196. 'Padma Sambhav Mahavihar' the largest Tibetan monastery in eastern India was inaugurated by the Dalai Lama at Jirang in — district in Orissa on January 12, 2010.
(1) Puri
(2) Bhubaneswar
(3) Cuttack
(4) Ganjam
197. The maximum labour oriented industry in India is—
(1) Cement Industry
(2) Jute Industry
(3) Iron and steel Industry
(4) Cotton industry
198. India's Chief of the Army Staff, General Deepak Kapoor, was conferred the honorary rank of General of the — Army on January 21, 2010.
(1) Nepal
(2) Sri Lanka
(3) Bangladesh
(4) Afghanistan
199. On whose recommendations was the constituent assembly formed ?
(1) Mountbatten plan
(2) Cabinet mission plan
(3) Cripps mission
(4) 1935 Act
200. The maturity of a river course is recognised by the presence of—
(1) V-shaped valley
(2) Meanders
(3) Gorges
(4) High denudational power

ANSWERS

1. (1) seals 2. (3) Udayin
3. (4) Itutmish 4. (4) Sriharikota
5. (2) thermal
6. (1) Maharashtra
7. (1) Dr. Rajendra Prasad
8. (3) Three
9. (1) The Parliament
10. (3) 5th June
11. (1) the right to equality
12. (4) vitamin-B 13. (4) Iron oxide
14. (3) reflection of light
15. (2) lactic acid
16. (3) London
17. (1) Madhya Pradesh
18. (2) Best Actress - Katrina Kaif
19. (2) Punjab
20. (1) Petroleum
21. (3) both (1) and (2)
22. (3) downloading
23. (3) Modulating and demodulating device
24. (2) Surat 25. (3) Akbar
26. (1) Khan Abdul Gaffar Khan
27. (2) M. L. Dhangra
28. (1) C. B. Rao

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29. (4) 1992
30. (2) The Election Commission
31. (3) Election Commission
32. (2) Gujarat 33. (2) the Aravallis
34. (3) rain-shadow area
35. (2) cotton textile
36. (4) White Leghorn
37. (2) Karnataka
38. (1) blood cancer
39. (2) morphine
40. (1) chromium and steel
41. (1) Urea 42. (1) Maximize
43. (3) set
44. (3) 828 metres
45. (4) Net capital formation
46. (1) Tea 47. (3) 1942
48. (1) a history of Kashmir
49. (3) 1940 50. (3) a pain killer
51. (4) Protection of life and personal liberty
52. (3) Freedom of movement
53. (1) Art. 19 (2) read with Art. 19 (1)
54. (1) his power to grant pardon etc.
55. (1) Nerve cells
56. (2) Thymine 57. (2) Cytoplasm
58. (3) Carbonic anhydrase
59. (4) Waksman
60. (1) Algae 61. (4) Blue whale
62. (3) Mortality Rate = Birth Rate
63. (2) Kaziranga
64. (4) Secondary Xylem
65. (2) Principles and practises of statecraft
66. (2) The leader of the largest Party in the Lok Sabha
67. (3) Industrial wastes
68. (4) Bangladesh
69. (3) Nichromé
70. (4) Income
71. (2) 1267
72. (3) blue, green and red
73. (1) A bacterium
74. (4) Kelkar
75. (2) Wheat and Rice
76. (3) ASEAN 77. (3) Osmosis
78. (4) $\frac{2123}{2123}$
79. (4) 2 million nephrons
80. (3) Neuron 81. (1) Brain
82. (1) Addison's disease
83. (4) Gerontology
84. (3) Allele
85. (3) A B C D
86. (4) Methane
87. (3) It helps in growth of plants by absorbing a large proportion of the sun's ultra violet radiations
88. (2) 280 of constitution
89. (1) 2.6
90. (1) Mahatma Gandhi
91. (3) Zinc
92. (2) Right to property
93. (2) Mukesh Ambani
94. (1) Planning Commission
95. (2) Insulin
96. (3) Bone marrow
97. (3) Accumulator-Electrolyte is in paste form
98. (1) 9×10^{17} ergs
99. (2) at high speeds
100. (3) formation of helium from hydrogen
101. (1) Bauxite
102. (4) Wrought iron
103. (1) Ultra-violet rays
104. (1) Hydrogen peroxide
105. (1) Oxygen 106. (1) Goitre
107. (3) Sulphuric acid
108. (4) Sodium 109. (2) Sulphur
110. (2) Water
111. (3) Sulphur dioxide
112. (1) Helium
113. (4) Angular Momentum
114. (2) a concave lens
115. (2) 15 cm. 116. (1) V P H B
117. (4) North 118. (3) D
119. (3) Brother 120. (3) 30 days
121. (2) Acknowledge
122. (1) FACE 123. (3) 3125
124. (2) proxy voting
125. (2) Presidential Form of Government.
126. (2) 6 months
127. (4) A famous book on Indian dances
128. (2) facilitating multi-lateral trade relations of member countries and reviewing trade policies
129. (2) Nirad C. Choudhary
130. (2) Turkey 131. (4) Vikrant
132. (3) Netherlands
133. (3) Huang Songyou
134. (4) life in other planets and space
135. (1) Fairly egalitarian
136. (1) Rig-veda 137. (3) Nalanda
138. (3) Harshavardhana
139. (1) Rajaraja I
140. (2) Jahangir 141. (4) Cornwallis
143. (4) medium and long-term loans
144. (2) Procurement prices
145. (3) income of an economy grows on account of an initial investment
146. (4) encouraging capital-intensive industries
147. (2) the Government of India
148. (3) marketing societies
149. (2) recover total costs
150. (4) has shown a mixed trend
151. (2) water
152. (3) cells having similar genetic constitution
153. (2) rough and sticky
154. (1) Sodium benzoate
155. (1) Emphysema
156. (4) Cones
157. (2) Chilka Lake
158. (2) Dispersion of light
159. (2) Pacific Ocean
160. (2) rotation of the earth
161. (3) Fermenting
162. (1) Colorado River
163. (3) hot humid climate with long dry season
164. (3) 33.3 per cent
165. (3) A B C D
2 1 4 3
166. (4) Arunachal Pradesh
167. (4) SAARC — No bilateral issues
168. (4) Council of Ministers
169. (1) General Assembly
170. (3) Trusteeship theory
171. (3) Syndicalism
172. (3) 10 days 173. (2) 12 minutes
174. (3) 50 minutes
175. (3) 18 sec. 176. (2) 91
177. (2) 20 178. (3) 2 : 15
179. (3) 50 180. (1) 4000
181. (3) 44.4 182. (1) 28 : 25
183. (3) 1988 184. (2) a writ
185. (1) Habeas corpus
186. (2) Recyclebin
187. (1) Pallavas 188. (3) Galvanising
189. (2) black 190. (2) Kerala
191. (3) Pituitary gland
192. (2) adipose tissue
193. (1) Disk drive
194. (2) 1911 195. (3) red
196. (4) Gajapati
197. (4) Cotton Industry
198. (1) Nepal
199. (2) Cabinet mission plan

