

I.B.

EXAM

MODEL PRACTICE SET

INTELLIGENCE BUREAU INTELLIGENCE OFFICER EXAM

GENERAL KNOWLEDGE, REASONING & ARITHMETIC

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

26. Who among the following was the founder of the Khudai Khidmat-gar organisation ?
 (1) Khan Abdul Ghaffar Khan
 (2) Abdul Rab Nistar
 (3) Shaukatullah Ansari
 (4) Khan Abdul Quayum Khan
27. Who committed the most daring murder in 1907 of Sir Curzon Wylie 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 Jayakishnan
 (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 known as the—
 (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. BC 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 file is—
 (1) bmp (2) pic
 (3) sct
 (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' in the Constitution ?

- (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)
 (2) Art. 32
 (3) 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 under the Resolution ___
 (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) Glead (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) Thycomine
 (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 an object should be placed so

- 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 world/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) CEF/A (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
 (4) secret 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

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