



MAJOR KALSHI CLASSES PVT. LTD.

"A way to get commissioned"

MOCK TEST MNS

Time Allowed : 90 Minutes

Maximum Marks : 150

INSTRUCTIONS

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
2. Please note that it is the candidate's responsibility to encode and fill in the Roll Number carefully and without any omission or discrepancy at the appropriate places in the OMR Answer Sheet. Any omission/ discrepancy will render the Answer Sheet liable for rejection.
3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. **DO NOT** write anything else on the Test Booklet.
4. This Test Booklet contains 150 items (questions). In two parts. **PART - A** and **PART - B**. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose **ONLY ONE** response for each item.
5. You have to mark all your responses **ONLY** on the separate Answer Sheet provided. See directions in the Answer Sheet.
6. Each item carry equal marks.
7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the invigilator **only the Answer Sheet**. You are permitted to take away with you the Test Booklet.
9. Sheets for rough work are appended in the Test Booklet at the end.
10. **Penalty for wrong answers :**
THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.
 - (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, **one-third (0.33)** of the marks assigned to that question will be deducted as penalty.
 - (ii) If a candidate gives more than one answer, it will be treated as a **wrong answer** even if one of the given answers happens to be correct and there will be same penalty as above to that question.
 - (iii) If a question is left blank i.e., no answer is given by the candidate, there will be **no penalty** for that question.

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

ध्यान दें: अनुदेशों का हिन्दी रूपान्तर इस पुस्तिका के पिछले पृष्ठ पर छपा है।

ENGLISH

FILL IN THE BLANKS

Directions : Each of the following sentence in this section has a blank space and four words or group of words given after the sentence. Select whichever word or group of words you consider most appropriate for the blank space and indicate your response on the Answer Sheet accordingly.

1. Each boy was sitting in _____ chair
(a) his (b) her
(c) its (d) their
2. Everything _____ kept in apple pie order
(a) were (b) are
(c) was (d) have
3. The _____ of Kashmir is beautiful.
(a) scenery (b) scereries
(c) drawings (d) sorrounding
4. _____ man and a boy were going
(a) A (b) The
(c) an (d) No article
5. _____ earth revolves at its axis.
(a) A (b) An
(c) The (d) No article
6. If I _____ a bird I would fly.
(a) was (b) were
(c) has (d) had
7. Some boys _____ completed their work.
(a) is (b) are
(c) has (d) have
8. He is the _____ of the class.
(a) wise (b) wiser
(c) wisest (d) wisdom
9. All were laughing _____ the beggar.
(a) at (b) on
(c) for (d) with
10. I was interested _____ cricket.
(a) with (b) on
(c) in (d) over

11. He was cutting vegetables _____ a knife.
(a) at (b) on
(c) with (d) for
12. The books were kept _____ the table
(a) in (b) on
(c) upon (d) for
13. He was interested not only in English _____ in politics.
(a) and (b) but
(c) but also (d) and not
14. Both Ram _____ Shyam study in the same class.
(a) beside (b) on
(c) and (d) as well as
15. The shop remains open from 8 am _____ 8 pm.
(a) to (b) in
(c) and (d) at
16. I _____ good news from you.
(a) accept (b) except
(c) expect (d) admit
17. He does all his work _____.
(a) herself (b) himself
(c) themselves (d) yourself
18. I know _____ to play chess.
(a) what (b) why
(c) how (d) no word
19. He can _____ across the river.
(a) swim (b) swam
(c) swum (d) swimming
20. The poor's life is full of misery
(a) poor (b) the life of the poor
(c) a poor life (d) No improvement

Give one word substitution.

21. Killing of a king.
(a) Matricide (b) Genocide
(c) Suicide (d) Regicide

22. One who never dies.
 (a) Mortal (b) Undead
 (c) Immortal (d) Immorable.
23. One who tells future.
 (a) Astronaut (b) Acrobat
 (c) Astrologer (d) Omnipresent
24. The rule of a king.
 (a) Autocracy (b) Plutocracy
 (c) Theocracy (d) Monarchy
25. A machine that can not be repaired.
 (a) Indelible (b) Irreparable
 (c) Defect (d) Correction
26. A.B.C.
 (a) Letters (b) Alphabets
 (c) Words (d) Basic knowledge
27. A gala day.
 (a) A sad day (b) A busy day
 (c) Function day (d) A delightful day
28. An apple of eye
 (a) Very dear (b) Hateful
 (c) Ugly (d) Attractive
29. A red letter day
 (a) Independance day (b) Republic day
 (c) Wasted day (d) A very important day
30. Black sheep
 (a) A dark sheep
 (b) Lucky fellow
 (c) unfortunate
 (d) Bad member of family
31. Choose the correct spelling.
 (a) Congratulations (b) Congretulations
 (c) Congratulatiens (d) Congratulateons
32. Choose the correct spelling.
 (a) Gremmar (b) Grammar
 (c) Gramar (d) Grammer
33. Choose the correct spelling.
 (a) Treveller (b) Traveller
 (c) Travaller (d) Treveler
34. Choose the correct spelling.
 (a) Century (b) Cantury
 (c) Centoory (d) Centuri
35. Choose the correct spelling.
 (a) Saveral (b) Sevaral
 (c) Several (d) Savelar
- Choose the correct synonym**
36. Enough
 (a) Short (b) Huge
 (c) Sufficient (d) Deficit
37. Unlawful
 (a) Valid (b) Illegal
 (c) Fast (d) Murderer
38. Praise
 (a) Curse (b) Bane
 (c) Scold (d) Appreciate
39. Handsome
 (a) Ugly (b) Rich
 (c) Wise (d) Smart
40. Black
 (a) Bright (b) White
 (c) Dark (d) Night
- Choose the correct antonym.**
41. Gain
 (a) Profit (b) Advantage
 (c) Profit (d) Loss
42. Arrest
 (a) Prison (b) Accused
 (c) Mold (d) Release
43. Encourage
 (a) Scold (b) Praise
 (c) Console (d) Discourage
44. Remember
 (a) Revise (b) Recall
 (c) Remind (d) Forget
45. Annoyed
 (a) Angry (b) Jealous
 (c) Pleased (d) Autocrat

Arrange the sentence in a proper sequence

46. (P) and playing indoor games
(Q) It was
(R) a pleasant sunday
(S) so the boys were at home
The proper sequence should be
(a) PQRS (b) RQPS
(c) QRPS (d) QRSP
47. (P) so everybody blessed him
(Q) he got a purse
(R) Ram Lall was a poor man
(S) but he returned it to its owner
The proper sequence should be
(a) PQRS (b) SRQP
(c) RQSP (d) QRSP
48. (P) there live 130 crore people here
(Q) India is a great country
(R) it is the second most populated nation
(S) But there is great unity and harmony

The proper sequence should be

- (a) QRPS (b) PQRS
(c) RPQS (d) SQPR

49. (P) it is called the king of all fruit
(Q) it is very juicy and tasty
(R) Mango is good for health
(S) I like it very much

The proper sequence should be

- (a) SQRP (b) RSQP
(c) QPRS (d) RPQS

50. (P) The Qutub minar is the tallest stone tower
(Q) it made by Qutubuddin Eibak
(R) people in great number come to see it
(S) it is situated at Delhi

The proper sequence should be

- (a) PQSR (b) QSPR
(c) SPQR (d) RPSQ

51. Smallest cell is
 (a) Nerve cell
 (b) Amoeba
 (c) Mesophyll cell
 (d) Mycoplasma
52. The main area of cellular activities in plant and animal cells is
 (a) Cell membrane
 (b) Mitochondria
 (c) Cytoplasm
 (d) Ribosome
53. Cell theory states that _
 (a) All cells have nucleus
 (b) Cell are the functional and structural units of plants and animals
 (c) All cells are living
 (d) Cell reproduce by mitosis and meiosis
54. The genetic material of prokaryotic cells is called:-
 (a) Nucleus
 (b) Nucleolus
 (c) Nucleoid
 (d) Centrosome
55. Name the phase where actual DNA synthesis take place.
 (a) S phase
 (b) G₁ phase
 (c) G₂ phase
 (d) G₀ phase
56. Stages in proper sequence of prophase I are:
 (a) Diplotene, Diakinesis, Pachytene, Zygotene and Leptotene
 (b) Leptotene, Pachytene, Zygotene, Diakinesis and Diplotene
 (c) Leptotene, Zygotene, Pachytene, Diplotene and Diakinesis
 (d) Zygotene, Leptotene, Pachytene, Diakinesis and Diplotene
57. D.P.D is equal to
 (a) $OP \times TP(WP)$
 (b) $OP + TP(WP)$
 (c) $OP - TP(WP)$
 (d) $TP(WP) - OP$
58. O.P. is measured by
 (a) Photometer
 (b) Osmometer
 (c) Calorimeter
 (d) Plasmolysis
59. Hydathodes occur on:
 (a) Leaves
 (b) Stem
 (c) Roots
 (d) All the above
60. Photosynthesis is
 (a) Oxidative, exergonic, catabolic
 (b) Redox-reaction, endergonic, anabolic
 (c) Reductive, exergonic, anabolic
 (d) Reductive, endergonic catabolic
61. During photosynthesis.
 (a) Water is reduced & CO₂ is oxidized
 (b) CO₂ is reduced & water is oxidized
 (c) Both CO₂ & water get reduced
 (d) Both CO₂ & water get oxidized
62. Chlorophyll 'b' is :
 (a) C₅₄ H₇₀ O₆ N₄ Mg
 (b) C₅₅ H₇₀ O₆ N₄ Mg
 (c) C₅₅ H₇₂ O₅ N₄ Mg
 (d) C₄₅ H₇₂ O₅ N₄ Mg
63. How many molecules of pyruvic acid are formed in glycolysis?
 (a) One
 (b) Two
 (c) Three
 (d) Four

64. Glycolysis occurs in
 (a) Plastid
 (b) Mitochondria
 (c) Cytoplasm
 (d) Nucleus
65. The number of teeth that grow twice in human life is
 (a) 4
 (b) 12
 (c) 20
 (d) 28
66. Zymogen cells of gastric glands produce :
 (a) Chymotrypsin
 (b) Pepsinogen
 (c) Pepsin
 (d) Trypsin
67. Milk protein is curdled into calcium paracacinate by
 (a) Maltose
 (b) Rennin
 (c) Trypsin
 (d) Lactose
68. Lungs have large number of narrow tubes called
 (a) Alveoli
 (b) Bronchioles
 (c) Bronchi
 (d) Alveolar ducts
69. The covering of the lung is called :
 (a) Pericardium
 (b) Pleural membrane pleura
 (c) Peritoneum
 (d) Perichondrium
70. Rh incompatibility observed between
 (a) Rh -ve mother and Rh +ve foetus
 (b) Rh +ve foetus and mother
 (c) Rh +ve mother and Rh -ve foetus
 (d) Rh -ve foetus and mother
71. A person with blood group A required blood. The blood group which can be given is:
 (a) A and B
 (b) A and O
 (c) A and AB
 (d) A, B, AB and O
72. Largest corpuscles of mammalian blood are:
 (a) Monocytes
 (b) Basophils
 (c) Erythrocytes
 (d) Lymphocytes
73. Green glands are excretory organs of:
 (a) Cray fishes
 (b) Scorpions
 (c) Spiders
 (d) Moths
74. Malpighian corpuscles are present in:-
 (a) Cortex
 (b) Medulla
 (c) Germinal cells
 (d) Pelvis
75. Ornithine cycle performs
 (a) ATP synthesis
 (b) Urea formation in spleen
 (c) Urea formation in liver
 (d) Urine formation in liver
76. Smallest bone in rabbit and man is:
 (a) Palatine
 (b) Patella
 (c) Nasal
 (d) Stapes
77. Sixth cranial nerve is:
 (a) Abducens
 (b) Olfactory
 (c) Optic
 (d) Oculomotor

78. In axon of a neuron, the impulse is generated by exchange of:
- Sodium and potassium
 - Magnesium and chlorine
 - Calcium and potassium
 - Sodium and Chlorine
79. Ductless glands are called:
- Endocrine glands
 - Tubular glands
 - Exocrine glands
 - Alveolar glands
80. FSH and LH are
- Emergency hormone
 - Neurohormone
 - Gonadotrophine hormone
 - Anti-stress hormone
81. Which is not secreted by anterior pituitary?
- ADH
 - GH
 - Prolactin
 - PSH
82. Myrmecophily is pollination by:
- Birds
 - Moths
 - Ants
 - Bats
83. Yellow corpus luteum occurs in mammals in
- Heart to initiate heart beat
 - Skin to junction as pain receptor
 - Brain and connects cerebral hemispheres
 - Ovary for secretion of progesterone
84. Which of the following is the unit of inheritance?
- Phenotype
 - Genotype
 - Gene
 - Genome
85. Malaria is a
- Viral disease
 - Bacterial disease
 - Fungal disease
 - Protozoan disease
86. During projectile motion the quantities that remain unchanged are-
- Force and vertical velocity
 - Acceleration and horizontal velocity
 - Kinetic energy and acceleration
 - Acceleration and momentum
87. Swimming is possible on account of
- Newton's first law of motion
 - Newton's second law of motion
 - Newton's third law of motion
 - Newton's law of motion
88. Work is always done on a body when
- a force acts on it
 - it moves through a certain distance
 - it experience an increase in energy through a mechanical influence
 - none of these
89. Kepler's law states that square of the time period of any planet about the sun is directly proportional to
- R
 - $\frac{1}{R}$
 - R^3
 - $\frac{1}{R^3}$
90. The internal energy of an ideal gas depends on
- Pressure
 - Volume
 - Temperature of
 - Size of the molecules
91. On charging by conduction mass of a body may
- increase
 - decrease
 - increase or decrease
 - none of these

92. The magnetic field at a point due to a current carrying conductor is directly proportional to
- resistance of the conductor
 - thickness of the conductor
 - current flowing through the conductor
 - distance from the conductor
93. Rutherford atomic theory proved the existence of which of the following?
- Electrons
 - Protons
 - Neutrons
 - Nucleus
94. Baking soda is :
- A Basic salt
 - Double salt
 - Complex salt
 - Acidic Salt
95. The octet rule is not valid for which one of the following molecules?
- | | |
|-------------------|--------------------------|
| (a) CO_2 | (b) H_2S |
| (c) NH_3 | (d) BF_3 |
96. The following species will not exhibit disproportionation reaction :
- | | |
|----------------------|----------------------|
| (a) ClO^- | (b) ClO_2^- |
| (c) ClO_3^- | (d) ClO_4^- |
97. Solid CO_2 is called dry ice because :
- Its surface is dry.
 - it is gaseous in nature.
 - At atmospheric pressure solid CO_2 change directly into the gas without changing into liquid, and does not wet surface.
 - It is gaseous in nature.
98. DDT is prepared by reacting chlorobenzene with :
- CCl_4
 - CCl_3CHO
 - CHCl_3
 - C_2H_4
99. Chloroprene is used in making:
- Synthetic rubber
 - Plastic
 - Petrol
 - All of these
100. How many milligrams is 1 carat of diamond equal to?
- 100 mg
 - 150 mg
 - 200 mg
 - 250 mg

GENERAL KNOWLEDGE

101. Who among the following scholars was the first to explore the Harappan civilisation ?
(a) Sir John Marshall (b) R.D. Banerjee
(c) A. Cunningham (d) Dayaram Sahani
102. The number of Puranas are?
(a) 20 (b) 16
(c) 18 (d) 14
103. Who composed the epic Ramayans?
(a) Vyas (b) Tulsidas
(c) Valmiki (d) Shankaracharya
104. The full form of CPU is ?
(a) Central Processing Unit
(b) Control and Primary Unit
(c) Computer and Process Unit
(d) None of these
105. One Megabyte is approximately equal to ?
(a) 1000 Bits (b) 1000 bytes
(c) 1 Million bytes (d) 1 million bits
106. Meenakshi temple is located in ?
(a) Orissa (b) Madurai
(c) Jaipur (d) Agra
107. Arjun Award is given in which field ?
(a) Sports (b) Social Service
(c) Science (d) Literature
108. When is the National Science Day celebrated?
(a) 24 February (b) 20 February
(c) 28 February (d) 10 February
109. Where is the sun temple of Konark located ?
(a) Orissa (b) Kerala
(c) Maharashtra (d) Bihar
110. Where are the caves of Ajanta & Ellora located?
(a) Rajasthan (b) Maharashtra
(c) Madhya Pradesh (d) Gujarat
111. The ratio of the length and breadth of the national flag is :
(a) 5 : 3 (b) 3 : 2
(b) 3 : 4 (d) 2 : 1
112. Where is the headquarters of UNESCO situated ?
(a) Paris (b) New York
(c) Lisbon (d) Geneva
113. Blue Revolution is related to :
(a) Food Production (b) Oilseed production
(c) Milk Production (d) Fish Production
114. When was the Reserve bank of India nationalized ?
(a) 1948 (b) 1949
(c) 1950 (d) 1952
115. The first 'battle of Tarain' was fought between ?
(a) Allauddin Khilji and Prithviraj Chauhan
(b) Muhammad Gori and Prithviraj Chauhan
(c) Mahmood Gajnavi and Prithviraj Chauhan
(d) Muhammad Shah and Prithviraj Chauhan
116. Who was the founder of 'Slave' dynasty in India ?
(a) Kutubuddin Aibek (b) Iltutmish
(c) Kaikubad (d) Aramshah
117. Kaziranga is situated in which state ?
(a) Assam (b) Meghalaya
(c) Uttarakhand (d) Jammu Kashmir
118. Which is the highest peak of India ?
(a) Godwin Austin (K2) (b) Kamet
(c) Nandakot (d) Nanda Devi
119. The tomb of Humayun is located in
(a) Delhi (b) Agra
(c) Fatehpur Sikri (d) Kabul
120. Tropic of Cancer passes through how many states of India?
(a) 5 (b) 6
(c) 7 (d) 8
121. Dayanand Saraswati had established ?
(a) Brahma Samaj (b) Arya Samaj
(c) Prathana Samaj (d) Bahujan Samaj
122. Who had founded the Ram Krishna Mission ?
(a) Vivekanand
(b) Raja Ram Mohan Roy
(c) Keshav Chandra Sen
(d) Ram Krishna Paramhans
123. Which gas is most abundant in the earth's atmosphere?
(a) Nitrogen (b) Oxygen
(c) Argon (d) Carbondioxide

124. International date line is called :

- (a) 0° latitude (b) 0° longitude
(c) $66\frac{1}{2}^{\circ}$ latitude (d) 180° longitude

125. Gandhi Ji started his first Peasant movement from ?

- (a) Sabarmati (b) Dandi
(c) Champaran (d) Khera

126. Which river forms Sunderban delta ?

- (a) Ganga (b) Brahmaputra
(c) Ganges-Brahmaputra (d) Narmada-Tapti

127. Which is the longest day of the year ?

- (a) 21 June (b) 23 September
(c) 21 March (d) 21 December.

128. Who was the first Governor General of Independent India ?

- (a) Lord Mounbatten (b) Lord Linlithgo
(c) C. Rajgopalchari (d) Dr. Rajendra Prasad

129. The first President of Indian National Congress was?

- (a) Madan Mohan Malviya
(b) Surendra Nath Banerjee
(c) Vyomesh Chandra Banerjee
(d) Bankim Chandra Chatterjee

130. Niti commission is—

- (a) A constitutional body
(b) Statutory body
(c) Created by the cabinet proposal
(d) None of these

131. In which state the number of the members in legislative council is maximum ?

- (a) Jammu & Kashmir (b) Uttar Pradesh
(c) Karnataka (d) Maharashtra

132. Who gave the slogan - "Inqalab Zindabad" ?

- (a) Mohammad Ali Jinnah
(b) Chandra Sekhar Azad
(c) Mohammad Iqbal
(d) Subhash Chandra Bose

133. Who appoints the chief election commissioner of India ?

- (a) Parliament
(b) Prime minister
(c) Chief election commission
(d) The vice president

134. The purpose of Gandhi Ji's Dandi March was ?

- (a) To free people from prison
(b) to break the Salt law
(c) To militate against the British atrocities
(d) None of the above

135. "You give me blood, I shall give you freedom" Who gave this slogan ?

- (a) Tilak
(b) Gandhi Ji
(c) Subhash Chandra Bose
(d) Nehru

136. The minimum age limit to be the prime minister of India is—

- (a) 21 years (b) 35 years
(c) 25 years (d) 30 years

137. How does the president get elected ?

- (a) Directly (b) Indirectly
(c) through nomination (d) No clear provision

138. Who was the composer of patriotic song "Vande Matram" ?

- (a) Swami Dayanand Saraswati
(b) Bankim Chandra Chatterjee
(c) Ravindra Nath Tagore
(d) Swami Vivekanand

139. Who had led the 1857 mutiny at Lucknow ?

- (a) Tatya Tope (b) Begum Hazrat Mahal
(c) Kunwar Singh (d) Lakshmi Bai

140. When had the Vasco De Gama reached Calicut ?

- (a) 1496 (b) 1497
(c) 1498 (d) 1499

141. The production of tea is maximum in :

- (a) Assam (b) Tamil Nadu
- (c) West Bengal (d) Karnataka

142. Who is known by the nickname 'Garden of Spices'?

- (a) Karnataka (b) Kerala
- (c) Jharkhand (d) Goa

143. Where was Guru Nanak born ?

- (a) Kangra (b) Peshawar
- (c) Amritsar (d) Talwandi

144. When was the first census held in India?

- (a) 1861 AD (b) 1872 AD
- (c) 1881 AD (d) 1882 AD

145. Black Soil is found in :

- (a) Madhya Pradesh (b) Maharashtra
- (c) Gujarat (d) In every state

146. The constitution of India completed on :-

- (a) 26 Jan 1950 (b) 26 Nov 1949
- (c) 11 Feb 1948 (d) None of these

147. Who was the first female prime minister in the world?

- (a) Margaret Thatcher (b) S. Bandaranaike
- (c) Indira Gandhi (d) Glenda mayor

148. Which football team has won the 2019 Santosh Trophy?

- (a) Karnataka
- (b) Services
- (c) Uttarakhand
- (d) None of these

149. Which state has the highest sex ratio ?

- (a) Kerala (b) Tamil Nadu
- (c) Andhra Pradesh (d) Himachal Pradesh

150. Which is the famous festival of Assam?

- (a) Durga puja (b) Bihu
- (c) Onam (d) Baisakhi

MAJOR KALSHI CLASSES