

CENTRE FOR EDUCATIONAL DEVELOPMENT OF MINORITIES

Nizam College Campus, Hyderabad - 500 001.

Marks:150

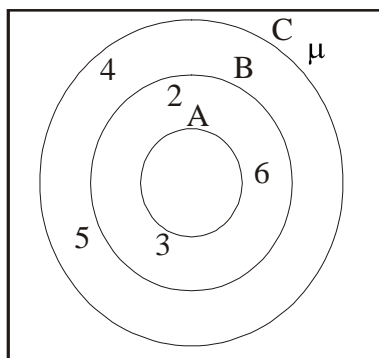
MODEL TEST - EDCET

Time: 120 Min

SECTION - 1

MATHEMATICS

- How many rational number are there in between Two rational number.
(1) 0 (2) 1 (3) 4 (4) Infinite
- From the given vien diagram find $(A \cap B \cap C)$

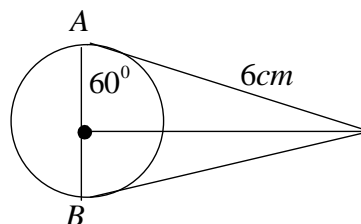


- (1) 1 (2) 2 (3) 3 (4) 4
- Number of Zeros from given graph?
(1) 1 (2) 2 (3) 4 (4) 3
- If the pair of linear equation $a_1x + b_1y + c_1 = 0$, $a_2x + b_2y + c_2 = 0$ has a unique Solution, then
(1) $\frac{a_1}{a_2} = \frac{b_1}{b_2}$ (2) $\frac{a_2}{a_2} = \frac{b_1}{b_2} = \frac{c_1}{c_2}$ (3) $\frac{b_1}{b_2} \neq \frac{c_1}{c_2}$ (4) $\frac{a_1}{a_2} = \frac{b_1}{b_2} \neq \frac{c_1}{c_2}$
- A triangle ΔABC where $DE \parallel BC$ and $AD = 1\text{cm}$, $AE = 2\text{cm}$, $EC = 6\text{cm}$ then first length of DB -?
(1) 3cm (2) 5cm (3) 2cm (4) 10cm
- The mean of 9,11,13 and p is 10 then the Value of p-?
(1) 4 (2) 5 (3) 6 (4) 7
- Which of the following is not a face card.
(1) King (2) Queen (3) Ace (4) Jack
- $\frac{2 \tan 30^\circ}{1 + \tan^2 30^\circ} = ?$
(1) $\sin 30^\circ$ (2) $\tan 60^\circ$ (3) $\cos 60^\circ$ (4) $\cot 60^\circ$
- The Surface Area of two spheres are in the ratio 1:4 then, the ratio of their volumes is
(1) 1:64 (2) 1:4 (3) 1: 16 (4) 1:32

10. In the adjacent figure, the length of the chord AB.

If $PA = 6\text{cm}$, and $\angle PAB = 60^\circ$ is

- (1) 5cm (2) 10 cm
(3) 6 cm (4) 8 cm



11. What is a Smallest number by which 2560 is to be multiplied so that the product is a Perfect cube.

- (1) 25 (2) 5 (3) 10 (4) 15

12. Area of the Quadrilateral -?

- (1) $\frac{1}{2}d_1d_2$ (2) $\frac{1}{2}h(a+b)$ (3) $l \times b$ (4) $\frac{1}{2}d(h_1 + h_2)$

13. Find the Value of n $7^{2n+1} \div 49 = 7^3$

- (1) 2 (2) 3 (3) 4 (4) 5

14. What will be the amount if `5000 is invested at 8% per annum 2 year?

- (1) `5840 (2) `8540 (3) `532 (4) `9832

15. Divide $m^2 - 14m - 32$ by $m + 2$

- (1) $(m-1)$ (2) $(m+16)$ (3) $(m-16)$ (4) $(m+2)$

16. If the complementary of an angle is 25% of its Supplementary then its measure is....

- (1) 90° (2) 45° (3) 60° (4) 75°

17. Find the type of angle if two hands of the clock is 2:35.

- (1) Acute angle (2) obtuse angle (3) Right angle (4) Straight angle.

18. The point of concurrence of the perpendicular bisector of the sides sides of a triangle is called

- (1) Circum centre (2) Ortho centre (3) Centroid (4) Incentre

19. Factorise the expression $a^2 + 10a + 25$

- (1) $(a+5)(a-5)$ (2) $(a-5)(a-5)$ (3) $(a+5)(a+5)$ (4) $(a^2-5)(a^2-5)$

20. $y = -mx$ is passing through the

- (1) Q_1 and Q_2 (2) Q_2 and Q_3 (3) Q_3 and Q_4 (4) Q_2 and Q_4

PHYSICAL SCIENCE

21. Which of the following is used to correct vision defect "myopia"?

- (1) Concave lens (2) convex lens (3) concave mirror (4) convex mirror

22. The device which converts chemical energy into electrical energy is

- A. Cell (2) transformer (3) electric motor (4) transistor

23. Among the following a non metal which acts as an electric conductor is

- (1) zinc (2) rubber (3) mercury (4) graphite

24. A magnet doesn't attract

- (1) stainless steel spoon (2) safety pin
(3) iron nail (4) hairpin

25. Two statements are given read them carefully and choose the correct option
 I. we can make iron to float on water .
 II. We make wood to sink in water.
 (1) statement (a) is correct and (b) is wrong
 (2) statement (a) is wrong and (b) is correct
 (3) both statements are correct
 (4) both statements are wrong
26. Which of the following is an acid?
 (1) CH_3COOH . (2) NaOH . (3) NH_4OH . (4) KOH
27. The floating of ships on the sea surface is follows the principle of
 (1) Archimedes (2) Pascal (3) John Dalton (4) John devy
28. Which of the following is a chemical displacement reaction
 (1) $2\text{Mg} + \text{O}_2 \longrightarrow 2\text{MgO}$ (2) $2\text{AgBr} \longrightarrow 2\text{Ag} + \text{Br}_2$
 (3) $\text{NaOH} + \text{HCl} \longrightarrow \text{NaCl} + \text{H}_2\text{O}$ (4) $\text{Fe} + \text{CuSO}_4 \longrightarrow \text{FeSO}_4 + \text{Cu}$
29. The atomic mass of sodium is
 (1) 16u. (2) 23u. (3) 46u. (4) 63.5u
30. Electroplating is possible through
 (1) distillation (2) filtration (3) chromatography (4) electrolysis

BIOLOGICAL SCIENCE

31. Radish is an edible part of which portion of the plant?
 (1) Root (2) Stem (3) Leaf (4) Flower
32. Identify the **incorrect pair** from the following:
 (1) Japanese Encephalitis – Skin Disease (2) Malaria – Plasmodium
 (3) Chicken Pox – Virus (4) Cabbage – Bacteria
33. **Statement:** In a food chain, the number of organisms decreases as we move from producers to tertiary consumers. **Reason:** Energy is lost at each trophic level in the form of heat during metabolic processes.
 (1) Both Statement and Reason are true, and Reason is the correct explanation of the Statement.
 (2) Both Statement and Reason are true, but Reason is not the correct explanation of the Statement.
 (3) Statement is true, but Reason is false.
 (4) Statement is false, but Reason is true.
34. A person is suffering from knock knees, weak bones, and swollen wrists due to a deficiency of Calciferol (Vitamin D). Which of the following diseases is associated with these symptoms?
 (1) Scurvy (2) Pellagra (3) Rickets (4) Beri-Beri

35. Which of the following birds is classified as an **endangered species** due to rapid decline in its population in recent years?
 (1) Crow (2) Pigeon (3) Vulture (4) Parrot
36. Which of the following organelles is known as the “**suicidal bag**” of the cell?
 (1) Mitochondria (2) Ribosome (3) Lysosome (4) Golgi apparatus
37. Which of the following methods of vegetative propagation involves the fusion of tissues from two different plants to produce a single plant with desirable characteristics?
 (1) Layering (2) Grafting (3) Cutting (4) Budding
38. Which of the following correctly represents the approximate percentage of gases in the Earth’s atmosphere?
 (1) Nitrogen – 78%, Oxygen – 20%, Argon – 0.93%, Carbon dioxide – 0.03%
 (2) Oxygen – 78%, Nitrogen – 20%, Carbon dioxide – 0.93%, Argon – 0.03%
 (3) Nitrogen – 78%, Oxygen – 20%, Carbon dioxide – 0.93%, Argon – 0.03%
 (4) Nitrogen – 78%, Carbon dioxide – 20%, Oxygen – 0.93%, Argon – 0.03%
39. What are the main excretory organs in insects and reptiles, respectively?
 (1) Malpighian tubules in insects and nephrons in reptiles
 (2) Nephrons in insects and Malpighian tubules in reptiles
 (3) Lungs in insects and skin in reptiles
 (4) Skin in insects and lungs in reptiles
40. Which of the following vitamins is correctly paired with its solubility type?
 (1) Vitamin B12 – Fat soluble; Vitamin A – Water soluble
 (2) Vitamin C – Fat soluble; Vitamin D – Water soluble
 (3) Vitamin A – Fat soluble; Vitamin B-complex – Water soluble
 (4) Vitamin D – Water soluble; Vitamin E – Water soluble

SOCIAL STUDIES

41. The principal author of Declaration of American Independence is
 (1) Louis XVI (2) Charles-I
 (3) Christopher Columbus (4) Thomas Jefferson
42. All the urban areas having population between 5000 and 1 lakh are called as
 (1) Cities / Class 1 Cities (2) Towns
 (3) Revenue (4) Hamlets
43. GDP is _____.
 (1) Sum of values of all final goods and services produced in a country in a year.
 (2) Sum of values of intermediate goods produced in the world in a year.
 (3) Sum of all final goods and services in a decade.
 (4) Sum of all final and intermediate goods in a year.
44. This layer of the atmosphere contains ozone layer?
 (1) Thermosphere (2) Mesosphere (3) Stratosphere (4) Troposphere

45. The three 'R' s with reference to "The New Deal"
 (1) Racism, Revolution, Religion (2) Rural, Reform, Revolution
 (3) Relief, Recovery, Reform (4) Religion, Reform, Recovery
46. On _____ the Election Commission of India came into existence?
 (1) 25th January 1951 (2) 26th January 1950
 (3) 26th January 1949 (4) 25th January 1950
47. Among the following, identify the power of the President of India
 (1) Dissolves Rajya Sabha and State Legislative Council.
 (2) Calls for a joint session of the Parliament.
 (3) Nominates 12 members to Lok Sabha.
 (4) Decided whether a bill is a money bill or an Ordinary bill.
48. Who prepared one of the first survey based maps of India?
 (1) Sir William (2) Macauley (3) James Rannel (4) Ptolomy
49. Who attempted to attack the Residency in Hyderabad?
 (1) Turreabaz Khan (2) Moulvi Alla Uddin
 (3) Both 1 and 2 (4) Narayan Reddy
50. Who was the Chairman of the State's Re-organization Commission?
 (1) S. Fazal Ali (2) Justice Sri Krishna
 (3) H.V.Pataskar (4) B. Gopala Reddy
51. In 1939, Germany invaded Poland because
 (1) Poland attempted to make an invasion against Germany.
 (2) Poland made military alliance with Great Britain.
 (3) Poland refused to move army its army through Poland towards Russia.
 (4) Poland refused to hand over Danzing port to Germany.
52. The Headquarter of World Trade Organization is located at?
 (1) New York (2) Rome (3) Warsaw (4) Genewa
53. The amendment of the Indian Constitution inserted a list of Fundamental Duties of Citizen to the Constitution.
 (1) 42th amendment (2) 44th Amendment
 (3) 61th Amendment (4) 52th Amendment
54. The English defeated Sirajuddin, the Nawab of Bengal in
 (1) The Battle of Plassey (2) The Battle of Buxer
 (3) The Battle of Mysore (4) The Battle of Panipat
55. If highest number of votes are polled for NOTA then
 (1) The election would be cancelled
 (2) The Candidate who secured second position would be declared as winner.
 (3) Re- election would be conducted with the same candidates.
 (4) Election commission have the right to declare any candidate as winner.

56. Who became the Chief Minister of Hyderabad State after 1952 elections?
 (1) J.V Narsinga Rao (2) B. Ramakrishana Rao
 (3) K.V Ranga Raeddy (4) B. Gopala Reddy
57. _____ is an example of direct tax
 (1) Customs duty (2) Excise duty (3) Income Tax (4) Sales Tax
58. _____ City has emerged as the 'electronic capital' of India.
 (1) Hyderabad (2) Delhi (3) Bengaluru (4) Kolkata
59. Arab Spring began in?
 (1) Egypt (2) Libya (3) Tunisia (4) Yemen
60. The Koya Reddy and Kolam tribes belonged to ?
 (1) Madhya Pradesh (2) Odisha (3) Maharashtra (4) Andhra Pradesh

SECTION - 2

TEACHING APTITUDE

61. Non-formal education is meant for
 (1) Children (2) Youths
 (3) Adults (4) Anybody at any age who have a desire to learn.
62. If a student is found to have not done the homework the Teacher should
 (1) Punish him severely (2) Inform the Parents
 (3) Inform the headmaster (4) Find out the reason first
63. Project Method is a method of
 (1) Individualization of instruction (2) Remedial teaching
 (3) Comprehensive evaluation (4) Character development
64. The term "Kinder garden" means
 (1) Children's Playground (2) Children's School
 (3) Children's Home (4) children
65. First Step in teaching stages
 (1) Prepare a lesson plan (2) Selecting the teaching aids
 (3) By a book (4) Selecting the teaching objectives
66. In a School, while working with whom should a teacher maintain good relations
 (1) Head Master (2) Co-Teacher (3) Children (4) All the above
67. Who Said that Solving problem activity in its natural environment?
 (1) Armstrong (2) Stevenson (3) Killpatric (4) Parkar
68. The order of Steps in Heuristic method?
 A. Defining, B. Explaining, C. conclusion, D. Conduct Experiments
 (1) A, D, B, C (2) A, B, C, D (3) A, D, C, B (4) A, B, D, C
69. Ed. Cet entrance test
 (1) Diagnostic evaluation (2) Summative evaluation
 (3) Comprehensive evaluation (4) Formative evaluation
70. The method leads from examples to principle is called

- (1) Inductive (2) Deductive (2) Heauristic (4) Playway Method
71. Education Structure as per New education policy
 (1) 5 + 5 + 2 (2) 5 + 4 + 3 + 3 (3) 5 + 3 + 3 + 4 (4) 5 + 2 + 3 + 4
72. The word Education derived from word
 (1) Greek (2) Latin (3) Urdu (4) Arabic
73. In which year was Kothare Commission appointed,
 (1) 1950-52 (2) 1964-66 (3) 1970-72 (4) 1986-88
74. Which institutle develops the campaigning, teaching, learning and teaching aids for adult literacy?
 (1) DPEP (2) SCERT (1) SRC (1) NCERT
75. Who will select the teaching methods?
 (1) Teacher (2) Student (3) DEO (3) Head Master
76. This is evaluation?
 (1) Preparing the lesson plan
 (2) Conducting examinations
 (3) Knowing whether Teaching objective, were achieved
 (4) Informing the results to education Committee.
77. Which School of thought says that "Sensory organs are the gateways of knowledge?
 (1) Idealism (2) Naturalism (3) Realism (4) None of them
78. What is the main intention of work book at primary education level.
 (1) Increases subject knowledge in students.
 (2) Increases subject knowledge in Teachers.
 (3) To train students in good handwriting.
 (4) Keep the students busy in school.
79. Minimum working days of a high school
 (1) 200 days (2) 190 days (3) 215 days (4) 220 days
80. What will be your reaction if an intelligent student puts you a question, for which you do not know the answer
 (1) Ask for his pardon
 (2) Praise him
 (3) Promise him to know the answer and explain it
 (4) Punish him

GENERAL ENGLISH

81. Humans should be kind. Identify its parts of speech
 (1) Adverb (2) adjective (3) noun (4) article
82. She said, “ Be relaxed .” The correct indirect speech for this is
 (1) She says I should be relax (2) She says to be relaxed
 (3) She told me to be relaxed. (4) She told to relaxed

83. Children used to play _____ their grandparents , in those days. The appropriate option for the blank is
 (1) to (2) in (3) far (4) with
84. First opportunity_____ always the best one. The appropriate option for the blank is
 (1) has (2) had (3) were (4) is
85. My elder son is _____ than my younger one. The appropriate option for the blank is
 (1) The tallest (2) tall (3) more tall (4) taller
86. We all will be in cloud nine after getting our dream job. Choose the meaning of the given idiom.
 (1) Extremely sad (2) extremely shocked (3) extremely happy
 (4) extremely careful
87. You don't read newspaper daily. Choose the right question tag .
 (1) Don't we (2) do you (3) don't I (4) didn't I
88. Rearrange the following parts to form a correct sentence .
 P. After joining the karate class.
 Q.I was afraid of people.
 R. I became confident.
 S. then I joined karate.
 (1) RSQP (2) SRQP (3) SPQR (4) QSPR
89. Identify the rightly spelt word
 (1) Decipline (2) punctuation (3) sponsership (4) intermediate
90. I practice martial arts in the morning. The sentence is a/an
 (1) Exclamatory (2) declarative (3) affirmative (4) question negative
91. The price of cars is _____drastically.
 (1) Increased (2) increasing (3) been increasing (4) increases
92. Identify the part with an error .
The government Junior Colleges must been increased .
 (1) (2) (3) (D)
93. Choose the correct option to complete the following statement.
 Happiness is_____ wealth among all the other assets.
 (1) Great (2) the greatest (3) greater (4) more greater
94. Whenever I am depressed, I counsel _____. Choose the correct option to complete the following statement.
 (1) You (2) mine (3) myself (4) ourselves
95. Identify the silent consonant in the word 'doubt'
 (1) d (2) u (3) o (4) b
- * The Greta Thunberg of India — LicypriyaKangujam — has been campaigning since 2018 to make new laws in India to curb the issues of climate change, global warming

and high pollution.

She is one of the youngest climate activists and has addressed world leaders at the United Nations Climate Change conference in Madrid and Spain in 2019.

She also protested for a week outside the parliament house to grab the attention of Prime Minister Narendra Modi to pass a law against climate change.

She was also awarded many prestigious awards, like the APJ Abdul Kalam Children's Award, World Children's Peace Prize award, Rising star of Earth Day network in 2019, Global Child Prodigy Award and Noble Citizen Award in 2020, International Women's Day Award by the Government of Delhi in 2021, and many more.

Rameshbabu Pragganandhaa is an Indian chess player who has achieved the title of Grandmaster. He won the World Youth Chess Championships under-8 title in 2013 at the age of 7 and the under-10 title in 2015. He became the youngest international master in history at the age of 10 years.

In April 2021, he won the Polgar Challenge, a rapid online event organised by the Julius Baer Group and Chess24.com for young talents.

96. The word in the passage 'prodigy' means a young person with
(1) pride (2) promise (3) education (4) exceptional qualities
97. According to the passage, the below statement is NOT true.
(1) Rameshbabu won the Pulitzer award
(2) Licypriya Kangujam won APJ Abdul Kalam Children's Award
(3) Rameshbabu won the World Youth Chess Championships
(4) Licypriya is one of the youngest climate activists
98. The passage is about
(1) Girl champions (2) veterans (3) the youngest achievers (4) Movies
99. Who won the Global Child Prodigy Award
(1) Rameshbabu (2) Licypriya Kangujam (3) PM (4) Spain
100. Who won the Noble Citizen Award
(1) Delhi (2) Madrid (3) Grandmaster (4) Licypriya

GENERAL KNOWLEDGE & EDUCATIONAL ISSUES

101. Which country has recently developed the world's first deep sea radar that can detect high-flying aircraft?
(1) USA (2) Russia (3) China (4) Japan
102. In which state Indira Aatmiya Bharosa Scheme was recently launched?
(1) Andhra Pradesh (2) Telangana (3) Karnataka (4) Tamil Nadu
103. Which state's tableau won the first prize at the Republic Day Parade 2025?
(1) Madhya Pradesh (2) Maharashtra (3) Uttar Pradesh (4) Rajasthan
104. Who inaugurated the Handloom conclave Manthan?
(1) Narendra Modi (2) Giriraj Singh (3) Piyush Goyal (4) Smriti Irani

105. How many children were awarded the Pradhan Mantri Rashtriya Bal Puraskar 2025 by President Droupadi Murmu recently?
 (1) 15 (2) 17 (3) 20 (4) 25
106. Which city will host the AI Action Summit 2025?
 (1) New York (2) Paris (3) Geneva (4) Tokyo
107. How many individuals were honoured with the Padma Vibhushan Award in 2025?
 (1) 4 (2) 5 (3) 7 (4) 6
108. Jitendra Pal Singh has recently been appointed as India's new Ambassador to which country?
 (1) USA (2) Israel (3) France (4) Germany
109. Where was the UTT 86th Senior National and Inter-state Table Tennis Championship 2024 held?
 (1) Bhopal (2) Surat (3) Mumbai (4) New Delhi
110. When was World Leprosy Day celebrated?
 (1) 23 Jan (2) 24 Jan (3) 25 Jan (4) 26 Jan
111. Who has been elected as the President of Belarus?
 (1) Michel Martin (2) Francois Barua (3) Alexander Lukashenko (4) NOT
112. Which organization has launched the enhanced Certificate of Origin (eCoO) 2.0 system?
 (1) Reserve Bank of India (RBI)
 (2) Export Promotion Council (EPC)
 (3) Directorate General of Foreign Trade (DGFT)
 (4) Federation of Indian Export Organisations (FIEO)
113. Which organization approved the 2nd Living drug, Qartemi, for treating blood cancer?
 (1) Indian Council of Medical Research (ICMR)
 (2) Central Drugs Standard Control Organization (CDSCO)
 (3) AIIMS New Delhi
 (4) Ministry of Health and Family Welfare
114. In which state the world's largest data center will be built?
 (1) Gujarat (2) Odisha (3) Maharashtra (4) Uttar Pradesh
115. Who has been appointed as the Director of the Liquid Propulsion Systems Centre of ISRO?
 (1) M. Mohan (2) S. Somanath (3) V. Narayanan (4) K. Sivan
116. Who has been awarded the ICC Men's Test Cricketer of the Year 2024?
 (1) Azmatullah Omarzai (2) Arshdeep Singh
 (3) Jasprit Bumrah (4) Travis Head
117. Who won the Men's Singles title at Australian Open 2025?
 (1) Jannik Sinner (2) Alexander Zverev (3) Novak Djokovic (4) Carlos Alcaraz
118. How many people have been announced to be given the Padma Awards in 2025?
 (1) 121 (2) 139 (3) 140 (4) 165
119. Which bank becomes the first Indian bank to implement Clari5's NCRP Integration Solution?

- (1) Punjab National Bank (2) Bank of Baroda
(3) Bank of India (4) Canara Bank
120. Polavaram Multipurpose Project is located in which state?
(1) Kerala (2) Karnataka (3) Andhra Pradesh (4) Maharashtra
121. According to the National Education Policy (NEP) 2020, the new school curriculum structure will follow which model?
(1) 10+2 (2) 5+3+3+4 (3) 6+4+2 (4) 3+5+4
122. Which of the following is the MOST significant factor in ensuring "success to quality education" in schools?
(1) Strict discipline and frequent examinations
(2) Highly qualified teachers with continuous professional development
(3) Expensive infrastructure and digital gadgets
(4) Focusing only on high-performing students
123. A Class 5 classroom in a Telangana government school has:
 - 2 students with dyslexia,
 - 1 hearing-impaired student with a cochlear implant,
 - 3 students from migrant families with limited Urdu proficiency,
 - 5 average learners, and
 - 1 gifted student.
Which of the following strategies would BEST demonstrate inclusive education in this scenario?
(1) Grouping all students with learning challenges together for remedial classes after school hours
(2) Using only sign language and printed textbooks to standardize instruction for all students
(3) Implementing Universal Design for Learning (UDL) with multisensory techniques, peerassisted learning, and differentiated assessments
(4) Focusing on grade-level content mastery and recommending the gifted student for a highergrade curriculum
124. A 10-year-old student from a migrant laborer family frequently misses school, struggles with peer interactions, and shows signs of low self-esteem. When assigned group tasks, the student withdraws and refuses to participate.
As a teacher, what is the MOST effective inclusive strategy to address this situation?
(1) Exempt the student from group activities and assign individualized tasks to avoid stress
(2) Pair the student with a high-achieving peer to complete all tasks on their behalf
(3) Collaborate with the student privately to identify interests, then design small, structured peer interactions with shared goals (e.g., art projects or storytelling)
(4) Refer the student to a special educator, assuming emotional challenges require specialized intervention small, structured peer interactions with shared goals (e.g., art projects or storytelling)

125. Sarva Shiksha Abhiyan (SSA) was instrumental in improving elementary education infrastructure across India. Which of the following was a primary measurable outcome of SSA's first phase (2001–2010)?
- (1) Establishment of Navodaya Vidyalayas in every district
 - (2) Reduction in pupil-teacher ratio to 30:1 at national level
 - (3) Introduction of CBSE curriculum in all government schools
 - (4) Mandatory Sanskrit language instruction from Class 1
126. The Right to Education Act (RTE), 2009 mandates which of the following as a non-negotiable requirement for all recognized elementary schools in India?
- (1) Reserving 25% seats for children from economically weaker sections (EWS)
 - (2) Conducting annual standardized national-level testing for all students
 - (3) Employing only post-graduate qualified teachers
 - (4) Operating exclusively as English-medium institutions
127. The DIKSHA (Digital Infrastructure for Knowledge Sharing) platform contributes to teachers' digital empowerment primarily by:
- (1) Replacing all physical textbooks with e-books to reduce costs
 - (2) Providing online training modules and teaching resources aligned with the school curriculum
 - (3) Automating student assessments to minimize teacher workload
 - (4) Creating a national ranking system for teachers based on digital skills
128. The PM Gati Shakti National Master Plan (2021), while primarily an infrastructure program, indirectly supports educational development by:
- (1) Mandating STEM education in all schools located near industrial corridors
 - (2) Enhancing connectivity to remote areas, thereby improving access to educational institutions
 - (3) Directly funding smart classrooms in aspirational districts
 - (4) Replacing state education boards with a centralized digital curriculum
129. The National Education Policy 2020 envisions holistic development through skill-integrated education.
- Which of the following school-level practices best embodies this principle?
- (1) Conducting annual career fairs where local artisans demonstrate traditional crafts
 - (2) Replacing physical education classes with industry visits twice a week
 - (3) Embedding carpentry, digital literacy, and financial accounting as credit-earning subjects within the regular timetable
 - (4) Offering weekend certificate courses in partnership with private coaching centers

130. PARAKH's proposed "Holistic Progress Card" differs fundamentally from conventional report cards because it:
- (1) Eliminates all numerical grading to reduce student stress
 - (2) Incorporates self, peer, and teacher assessments with qualitative descriptors
 - (3) Bases evaluations solely on project-based learning outcomes
 - (4) Aligns grading with international PISA standards only

COMPUTER AWARENESS

131. What does CPU stand for?
(1) Central Processing Unit (2) Computer Power Unit
(3) Central Program Unit (4) Control Processing Unit
132. Which device is used to enter data into the computer?
(1) Monitor (2) Printer (3) Keyboard (4) Speaker
133. Which memory is volatile?
(1) ROM (3) RAM (3) Hard Disk (4) SSD
134. What is the function of the BIOS?
(1) Run programs (2) Display graphics (3) Boot the computer (4) Store files
135. Which of the following is an input device?
(1) Monitor (2) Scanner (3) Speaker (4) Projector
136. What is the function of the monitor?
(1) Input (2) Storage (3) Output (4) Processing
137. Which protocol is used to send emails?
(1) FTP (2) POP3 (3) SMTP (4) HTTP
138. What is the full form of HTTP?
(1) High Text Transfer Protocol (2) Hyper Transfer Text Process
(3) HyperText Transfer Protocol (4) High Transfer Text Protocol
139. Which component stores the operating system?
(1) RAM (2) SSD / Hard Disk (3) CPU (4) BIOS
140. What is the function of RAM?
(1) Permanent storage (2) Processing graphics
(3) Temporary memory for processing (4) Controlling input devices
141. Which of the following is an operating system?
(1) MS Word (2) Windows (3) Excel (4) PowerPoint
142. What does MS Word help you do?
(1) Create presentations (2) Edit images
(3) Write and edit text documents (4) Manage databases
143. Which software is used to create presentations?
(1) MS Word (2) MS Excel (3) MS Paint (4) MS PowerPoint ?

144. What does POST check during startup?
(1) Internet speed (2) Operating system updates
(3) Hardware components (4) Software licenses
145. Which device gives audio output?
(1) Monitor (2) Speaker (3) Mouse (4) Keyboard
146. Which one is used to store large amounts of data?
(1) RAM (2) SSD (3) CPU (4) ROM
147. docx is a file extension of which software?
(1) Excel (2) PowerPoint (3) Word (4) Paint
148. Which is a system software?
(1) MS Word (2) Google Chrome (3) Windows OS (4) VLC Media Player
149. Which is a type of programming language?
(1) HTML (2) Java (3) Windows (4) BIOS
150. Which database type stores data in tables?
(1) Relational (2) Non-relational (3) Text-based (4) Binary
