

TS EDCET 2026 May 12 Shift 1

Question Paper

Conducted by Osmania University, Hyderabad



General Instructions

- (i) The examination will be conducted in Computer-Based Test (CBT) mode.
- (ii) Each question carries +1 mark for a correct answer. There is no negative marking for incorrect answers.
- (iii) The total number of questions is 120.
- (iv) The duration of the exam is 1 hour and 30 minutes (90 minutes).

1. A number when divided successfully by 2, 3, and 5 leaves remainders 1, 2, and 3 respectively. If the number is less than 200 and also divisible by 7 after adding 4 to it, then that number is

- (A) 53
- (B) 83
- (C) 143
- (D) 173

2. If $\log_{\sqrt{2}} 128 = a$, $\log_3(81\sqrt{3}) = b$, then $a - 2b =$

- (A) 3
- (B) 5
- (C) 7
- (D) 9

3. Find the value of the following algebraic expression:

$$\frac{(0.64)^3 - (0.36)^3}{(0.64)^2 + (0.64)(0.36) + (0.36)^2} =$$

- (A) $\frac{7}{25}$
 - (B) $\frac{11}{25}$
 - (C) $\frac{7}{50}$
 - (D) $\frac{11}{50}$
-

4. If α and β are the roots of the quadratic equation $2x^2 - 3x - 1 = 0$, then find the value of $\alpha^4 + \beta^4$.

- (A) $\frac{97}{16}$
 - (B) $\frac{161}{16}$
 - (C) $\frac{145}{16}$
 - (D) $\frac{153}{16}$
-

5. Let $\mathbb{N}$ denote the set of all natural numbers and $k\mathbb{N} = \{kx \mid x \in \mathbb{N}\}$ for any $k \in \mathbb{N}$. Then $8\mathbb{N} \cap 12\mathbb{N} =$

- (A) $4\mathbb{N}$
 - (B) $10\mathbb{N}$
 - (C) $24\mathbb{N}$
 - (D) $40\mathbb{N}$
-

6. If the selling price of 40 articles is same as the cost price of 50 articles, then the loss or gain percent is

- (A) 20% Gain
 - (B) 20% Loss
 - (C) 25% Loss
 - (D) 25% Gain
-

7. The angle between two radii of a circle is 60° . Find the area of a sector (in sq.cm.) of radius 7 cm.

- (A) $\frac{49\pi}{6}$
 - (B) $\frac{49\pi}{3}$
 - (C) $\frac{49\pi}{2}$
 - (D) 49π
-

8. Two cars A and B start from the same point and travel the same distance. The ratio of their speeds is 3 : 4. Car A takes 30 minutes more than car B to complete the journey. If car B takes t minutes, then what is the value of t (in minutes)?

- (A) 60
 - (B) 90
 - (C) 120
 - (D) 150
-

9. If the sum of the zeroes of the polynomial $p(x) = 2x^3 - 3kx^2 + 4x - 5$ is 6, then the value of k is

- (A) 5
 - (B) -5
 - (C) 4
 - (D) -4
-

10. A solid metal cylinder has a radius r and height h . It is melted down and recast into a new cylinder where the radius is reduced by 50% but the height is increased by 4 times. What is the ratio of the volume of the original cylinder to the volume of the new cylinder?

- (A) 1 : 1
 - (B) 1 : 2
 - (C) 2 : 1
 - (D) 4 : 1
-

11. In an arithmetic progression, the sum of the first 10 terms is 210 and the sum of the next 10 terms is 610. What is the common difference of the arithmetic progression?

- (A) 2
 - (B) 3
 - (C) 4
 - (D) 5
-

12. If the slope of the line $(\sqrt{2} - \sqrt{3})x + (\sqrt{2} + \sqrt{3})y + 3 = 0$ is $a - \sqrt{b}$, then $a^2 + b =$

- (A) 40
 - (B) 49
 - (C) 53
 - (D) 14
-

13. If the centroid of the triangle ABC with vertices $A(5, -4)$, $B(7, 8)$ and $C(a, b)$ is $G(7, 6)$, then $(b - a)$ is

- (A) 2
 - (B) 5
 - (C) 9
 - (D) 14
-

14. Find the value of

$$\frac{\tan 45^\circ}{\csc 30^\circ} + \frac{\sec 60^\circ}{\cot 45^\circ} - \frac{5 \sin 90^\circ}{2 \cos 0^\circ}.$$

- (A) $-\frac{1}{2}$
 - (B) 0
 - (C) $\frac{1}{2}$
 - (D) 1
-

15. In a triangle ABC , a line $\overline{DE}$ is drawn parallel to $\overline{BC}$ such that D lies on $\overline{AB}$ and E lies on $\overline{AC}$. If $\overline{AD} : \overline{DB} = 2 : 3$, find the ratio of the areas of triangle ADE and ABC .

- (A) 2 : 5
 - (B) 4 : 25
 - (C) 2 : 3
 - (D) 4 : 9
-

16. $\sqrt{\frac{1 + \cos \theta}{1 - \cos \theta}} =$

- (A) $\csc \theta$
 - (B) $\cot \theta$
 - (C) $\csc \theta + \cot \theta$
 - (D) $\csc \theta - \cot \theta$
-

17.

$$24(\sin^2 60^\circ + \cos^2 30^\circ + \cot^2 60^\circ + \csc^2 45^\circ) =$$

- (A) 23
 - (B) 92
 - (C) 46
 - (D) 69
-

18. The mean of 12 observations was calculated as 28. Later, it was found that one observation was wrongly recorded as 46 instead of 26, and another observation was completely omitted. If the correct mean is 27, find the value of the omitted observation.

- (A) 36
 - (B) 18
 - (C) 35
 - (D) 28
-

19. Read the following statements and choose the correct option.

Assertion (A): If the diagonals of a quadrilateral bisect each other, then it is a parallelogram.

Reason (R): In a parallelogram, diagonals bisect each other.

- (A) Both A and R are true, and R is the correct explanation of A.
 - (B) Both A and R are true, but R is not the correct explanation of A.
 - (C) A is true, but R is false.
 - (D) A is false, but R is true.
-

20. A bag contains 3 red, 4 blue and 3 green balls. A ball is drawn at random. Event E represents 'not drawing a blue ball'. Then find the probability of $\bar{E}$ (complementary event of E).

- (A) $\frac{3}{5}$

6pt

- (B) $\frac{3}{10}$

6pt

(C) $\frac{7}{10}$

6pt

(D) $\frac{2}{5}$

21. Which of the following indicators does not show any color in an acidic solution?

- (A) Methyl orange
- (B) Methylene blue
- (C) Phenolphthalein
- (D) Blue litmus

22. What is the average speed of the car if it covers 200 km in 5 hours (in km/h)?

- (A) 50
- (B) 60
- (C) 35
- (D) 40

23. Unit for magnetic field.

- (A) Weber/m²
- (B) Tesla Nikola
- (C) Weber/m
- (D) Weber

24. In parallel connection, voltage across each resistor is _____.

- (A) Different
 - (B) Same
 - (C) Zero
 - (D) Double
-

25. Find the heat required to raise the temperature of 2 kg of water by 5°C. (Specific heat capacity of water = 4200 J/kg°C)

- (A) 4200 joules
 - (B) 420 joules
 - (C) 42000 joules
 - (D) 42 joules
-

26. Which of the following is used as a fire extinguisher, where water cannot be used?

- (A) Nitrogen
 - (B) Carbon dioxide
 - (C) Hydrogen
 - (D) Sulphur dioxide
-

27. Galvanization is done to prevent

- (A) Rusting
 - (B) Burning
 - (C) Freezing
 - (D) Melting
-

28. Humidity means amount of _____ in air.

- (A) Oxygen
 - (B) Dust
 - (C) Water vapour
 - (D) Nitrogen
-

29. Which of the following planets has no natural satellite?

- (A) Venus
 - (B) Mars
 - (C) Uranus
 - (D) Mercury
-

30. Process of conversion of dead vegetation into coal is called

- (A) Hydrogenation
 - (B) Calcination
 - (C) Carbonisation
 - (D) Oxidation
-

31. Match the following and choose the correct answer:

4pt

- | | |
|-----------------------------|------------------------------|
| (a) Vitamin B ₁₂ | (i) Weak bones |
| (b) Vitamin D | (ii) Poor vision |
| (c) Vitamin A | (iii) Delay in wound healing |
| (d) Vitamin C | (iv) Anaemia |
- (A) (a)–(iv), (b)–(ii), (c)–(i), (d)–(iii)
(B) (a)–(iv), (b)–(iii), (c)–(ii), (d)–(i)
(C) (a)–(iv), (b)–(i), (c)–(ii), (d)–(iii)
(D) (a)–(iv), (b)–(iii), (c)–(ii), (d)–(i)
-

32. Identify the natural pest control method to prevent Tungro virus disease in paddy.

- (A) Spraying insecticides
 - (B) Encouraging the growth of predators
 - (C) Using organic manures
 - (D) Growing blackgram and groundnut after paddy cultivation
-

33. Identify the tissue that stores fat in the human body.

- (A) Epithelial tissue
 - (B) Adipose tissue
 - (C) Nervous tissue
 - (D) Muscular tissue
-

34. Which of the following is NOT related to the 4Rs?

- (A) Reduce

- (B) Reuse
 - (C) Repeat
 - (D) Recycle
-

35. Identify the method by which plants are used to clean up contamination.

- (A) Bio remediation
 - (B) Phytoremediation
 - (C) Biomagnification
 - (D) Bioaccumulation
-

36. Identify the CORRECT pair from the following.

- (A) Englemann – Plants produce oxygen in the presence of sunlight
 - (B) Pelletier and Caven Tou – Obtained an extract of the green coloured substance from leaves
 - (C) Jan Ingenhousz – The gas released by plants supports the existence of living organisms
 - (D) Joseph Priestley – Point of maximum rate of photosynthesis
-

37. The process of double fertilization in plants results in the formation of

- (A) Embryo and fruit
 - (B) Zygote and endosperm
 - (C) Ovary and seed
 - (D) Stigma and ovule
-

38. The type of ecosystem in Coringa region is

- (A) Grass lands
 - (B) Mangrove
 - (C) Desert
 - (D) Mountain
-

39. Choose the incorrect pair from the following:

- (A) Pituitary gland – Follicle stimulating hormone
- (B) Ovary – Progesterone

- (C) Pancreas – Glucagon
 - (D) Adrenal gland – Vasopressin
-

40. Fat deposits below the skin of polar marine animals is an adaptation to

- (A) Salt water
 - (B) Hydrostatic pressure
 - (C) Temperature
 - (D) Defence
-

41. Antarctic shield of ice is in

- (A) Tropical region
 - (B) Temperate region
 - (C) Polar region
 - (D) Equatorial region
-

42. Telangana Plateau is a part of

- (A) Malva Plateau
 - (B) Chota Nagpur Plateau
 - (C) Central Highlands
 - (D) Deccan Plateau
-

43. Which is the most precise reason for decreasing temperature from equator to poles?

- (A) Wind direction
 - (B) Distance from earth's center
 - (C) Angle of Sun's rays
 - (D) Ocean currents
-

44. In Tibet, the river Brahmaputra is known as

- (A) Dibang
 - (B) Lohit
 - (C) Tsangpo
 - (D) Siyang
-

45. Which statement of the following about the lithosphere is correct?

- (A) It is the only ocean floor.
- (B) It is the solid crust of Earth.
- (C) It includes only soil.
- (D) It includes air layers.

46. After the fall of Ottoman Empire, the countries that wanted to control the Black Sea and Mediterranean Sea region were

- (A) Germany and Austria
- (B) France and Poland
- (C) Italy and Britain
- (D) Russia and Turkey

47. The rulers of Qutub Shahi dynasty were defeated by

- (A) Asaf Jahis
- (B) Aurangzeb
- (C) Kakatiyas
- (D) Vijayanagara Rulers

48. What was the main aim of the Cabinet Mission?

- (A) To support British rule.
- (B) To stop elections.
- (C) To suggest a political framework for a free India.
- (D) To divide India immediately.

49. The League of Nations was formed as a result of which treaty?

- (A) Treaty of Paris
- (B) Treaty of Versailles
- (C) Treaty of Vienna
- (D) Treaty of Berlin

50. What is the main purpose of the Enabling Act 1933?

- (A) To strengthen democracy
 - (B) To give voting rights to women
 - (C) To establish dictatorship in Germany
 - (D) To improve the economy
-

51. The elements of the basic structure of the Indian Constitution are:

- (i) Fundamental Rights
 - (ii) Dual citizenship
 - (iii) Federal system
 - (iv) Secular character
 - (v) Supremacy of central cabinet
- (A) (i), (ii), (iii)
 - (B) (ii), (iv), (v)
 - (C) (i), (iii), (iv), (v)
 - (D) (iii), (iv)
-

52. Forcing someone to marry against their will is a form of domestic violence.

- (A) Mental abuse
 - (B) Economic abuse
 - (C) Emotional abuse
 - (D) Physical abuse
-

53. Article 39A of the Constitution is related to:

- (A) Fundamental Rights
 - (B) Local Self Government
 - (C) Powers of Supreme Court
 - (D) Lok Adalat
-

54. Who argued that constitution is merely a copy of the 1935 Act?

- (A) D.S. Seth
 - (B) N. C. Benarjee
 - (C) R.S. Choudhary
 - (D) Moulana Hasrath Mohani
-

55. 'Universal Adult Franchise' means:

- (A) Right to Life
 - (B) Right to Freedom
 - (C) Right to Education
 - (D) Right to Vote
-

56. Disguised unemployment means:

- (A) More manpower than needed in industry.
 - (B) More manpower than needed in service sector.
 - (C) Employment of more people than necessary in the agriculture sector.
 - (D) Inadequate employment in industrial, service sector.
-

57. Bank give loans from:

- (A) Deposits collected from customers.
 - (B) Self-help group members accounts.
 - (C) Interest payments by customers.
 - (D) Service charges paid by customers.
-

58. Which of the following is not related to Human Development Index?

- (A) Per capita income
 - (B) Average life expectancy
 - (C) Education levels
 - (D) Poverty percentage
-

59. Liberalization means:

- (A) Increase of government expenditure.
- (B) Imposing more taxes and restrictions on imports.

- (C) Increasing restrictions on foreign investments in India.
 - (D) Opening of many sectors of the economy to private investors.
-

60. This is an example of intermediate good:

- (A) Watch
 - (B) Chip
 - (C) Laptop
 - (D) Mobile phone
-

61. A teacher should avoid:

- (A) Participation in community activities.
 - (B) Mentoring students.
 - (C) Participation in political activities.
 - (D) Maintaining good relations with colleagues.
-

62. When a group of students in a school enter into the class and behave violently, how should the teacher react?

- (A) Report to the head master.
 - (B) Inform and call the parents.
 - (C) Mobilize other teachers against them.
 - (D) Identify the reason for such a behaviour.
-

63. Before commencing instruction, the teacher should know:

- (A) The previous knowledge of the students.
 - (B) Know the parental background of the students.
 - (C) Know the marks secured in the earlier examination.
 - (D) Know the height and weight of the students.
-

64. A conducive learning environment:

- (A) Maintain pin drop silence.
- (B) Full participation of students with mutual respect.

- (C) Teacher centered instruction.
 - (D) Encourage students with rote memory.
-

65. E-Learning refers to:

- (A) Extra learning
 - (B) Rote Learning
 - (C) European Learning
 - (D) Electronic Learning
-

66. A smart class room means

- (A) Use of interactive boards.
 - (B) Use of physical text-books
 - (C) Use pictures and charts.
 - (D) Use of green boards.
-

67. While the teacher is teaching, if a student asks irrelevant question; then what the teacher should do?

- (A) Ask him to meet after the class.
 - (B) Ignore his question.
 - (C) Punish him.
 - (D) Report to the parents.
-

68. Which pillar of education represents the social characteristic of a learner?

- (A) Learning to know
 - (B) Learning to do
 - (C) Learning to live together
 - (D) Learning to be a perfect person
-

69. Maximum participation of students is possible in teaching learning process through

- (A) Historical method
 - (B) Lecture method
-

- (C) Deductive method
 - (D) Activity based method.
-

70. To improve the achievement levels of the students in education, it is necessary

- (A) To evaluate students achievement continuously.
 - (B) To provide high salary to the teachers.
 - (C) To change curriculum.
 - (D) To construct good school building.
-

71. In which teaching method, learners' participation is more passive?

- (A) Discussion method.
 - (B) Demonstration method.
 - (C) Lecture method.
 - (D) Project method.
-

72. Which one of the following factors does not influence the effectiveness of teaching?

- (A) Subject knowledge of the teacher.
 - (B) Physical appearance of the teacher.
 - (C) Teaching methods used by the teacher.
 - (D) Using of technology in teaching.
-

73. Achievement tests are commonly used for

- (A) Ranking the students in the class.
 - (B) Selecting candidates for a course.
 - (C) Making selections for a specific job.
 - (D) Identifying strengths and weakness of learners.
-

74. Teaching changes according to learners' needs and classroom situations. This reflects

- (A) Fixed nature of teaching.
 - (B) Strict instruction methods.
 - (C) Dynamic nature of teaching.
 - (D) Focus on exams only.
-

75. Which activity among the following best develops students thinking and reasoning skills?

- (A) Listening to lectures.
 - (B) Group discussions to solve problems.
 - (C) Repeating similar exercises.
 - (D) Copying notes.
-

76. A classroom where students can share ideas freely without fear is called

- (A) Controlled environment.
 - (B) Congenial environment.
 - (C) Teacher-centred environment.
 - (D) Restricted environment.
-

77. A student can explain a concept but fails to apply it in real life situations. This indicates

- (A) Learning is incomplete.
 - (B) Learning has fully occurred.
 - (C) The student has mastered the topic.
 - (D) Teaching is unnecessary.
-

78. A major limitation of online teaching compared to classroom teaching is

- (A) Use of multimedia tools.
 - (B) Reduced face-to-face interaction.
 - (C) Availability of recorded lecturers.
 - (D) Flexibility in timing.
-

79. Teaching job is more suitable for those

- (A) Who are honest.
 - (B) Who likes to do social service.
 - (C) Who care for the nation.
 - (D) Who can help others to understand themselves.
-

80. To become an effective teacher one should be conscious about

- (A) Keeping the class obedient.
 - (B) Keeping a good relationship with the head teacher.
 - (C) Improving the ability to communicate in the class.
 - (D) Reading many reference books.
-

Comprehension Passage (Questions 81 to 85) Read the passage carefully and answer the questions that follow.

The story was narrated to Ganesh by a young man, Mahendra by name. He was a junior supervisor in a firm which offered supervisors at various types of construction sites: factories, bridges, dams, and so on. Mahendra's job was to keep an eye on the activities at the work site. He had to keep moving from place to place every now and then as ordered by his head office: from a coal mining area to a railway bridge construction site, and from there after a few months to a chemical plant which was coming up somewhere. He was a bachelor. His needs were simple and he was able to adjust himself to all kinds of odd conditions, whether it was an ill-equipped circuit house or a makeshift canvas tent in the middle of a stone quarry. But one asset he had was his cook, Iswaran.

81. Who has narrated the story in the above passage?

- (A) Ganesh
 - (B) Mahendra
 - (C) Mannan
 - (D) Iswaran
-

82. He was a junior _____ other supervisors.

- (A) by
 - (B) for
 - (C) with
 - (D) to
-

83. Find out the antonym of the word 'makeshift'.

- (A) expedient
- (B) substitute

- (C) complete
 - (D) alternative
-

84. Find out the synonym of the word 'asset'.

- (A) hindrance
 - (B) aid
 - (C) hurt
 - (D) liability
-

85. Mahendra's job was to keep an eye on the activities at the work site. Find out the correct meaning of the phrase 'keep an eye on'.

- (A) to take care of something.
 - (B) to take it for granted something.
 - (C) to gaze at something.
 - (D) to look at something.
-

86. Find out the correctly spelt word:

- (A) maintenance
 - (B) maintenace
 - (C) maintanance
 - (D) meintenance
-

87. Fill in the blank with appropriate preposition.

He shot a bird _____ an airgun.

- (A) by
 - (B) with
 - (C) for
 - (D) in
-

88. Fill in the blank with appropriate verb form.

Neither the player nor the captain _____ attending the meeting.

- (A) has
 - (B) have
 - (C) are
 - (D) is
-

89. Choose the correct passive voice sentence from the following.

- (A) Let the window be shut.
 - (B) What is said it?
 - (C) Ravi chosen leader of the group.
 - (D) He will given the award.
-

90. Choose the correct sentence in the following:

- (A) Either of them have to come.
 - (B) Rickets are easy to cure.
 - (C) Every student has attended the meeting.
 - (D) Bread and Butter are his food.
-

91. The antonym for the word 'frequent'

- (A) regular
 - (B) rare
 - (C) often
 - (D) sometimes
-

92. Find out the appropriate synonym of the word 'nefarious'.

- (A) gentle
 - (B) heinous
 - (C) virtuous
 - (D) magnificent
-

93. Identify the odd word which is not a homophone of the other three.

- (A) Site
 - (B) Cite
-

- (C) Kite
 - (D) Sight
-

94. Fill in the blank with appropriate linker.

The painting is good _____ the cost is high.

- (A) Although
 - (B) As
 - (C) Because
 - (D) However
-

95. Fill in the blank with suitable question tag.

Let's have a cup of coffee to take a break, _____?

- (A) can we
 - (B) can't we
 - (C) shall we
 - (D) shan't we
-

96. Collection of selected writings is called

- (A) Anthropology
 - (B) Anthology
 - (C) Archaeology
 - (D) Astrology
-

97. Arrange the given parts of a sentence to get a correct sentence.

- (i) When a chemical substance
- (ii) the food poisoning took place
- (iii) in the food preparation
- (iv) was mistaken for salt and used

- (A) (ii), (iv), (iii), (i)
 - (B) (iv), (i), (ii), (iii)
 - (C) (ii), (i), (iv), (iii)
 - (D) (ii), (i), (iii), (iv)
-

98. Arrange the following words in a correct alphabetical order:

- (i) Sycamore
- (ii) Syllable
- (iii) Sycophant
- (iv) Syllabus
- (A) (i), (ii), (iii), (iv)
- (B) (i), (iii), (ii), (iv)
- (C) (ii), (i), (iv), (iii)
- (D) (ii), (iv), (i), (iii)

99. He approached her to marry him, but she _____ his proposal immediately.

- (A) turned away
- (B) turned down
- (C) turned against
- (D) turned back

100. India has been rapidly developing _____ the last few years.

- (A) for
- (B) since
- (C) from
- (D) in

101. Which of the following is considered the highest house in the Parliamentary system?

- (A) Assembly
- (B) Lok Sabha
- (C) Rajya Sabha
- (D) National Council

102. Who is the chairman of Tata Trust?

- (A) N Chandrasekharan
- (B) Shantanu Naidu

- (C) Ratan Tata
 - (D) Noel Tata
-

103. APPIKO movement is related to

- (A) Air Pollution in Andhra Pradesh
 - (B) Western Ghat Forest Conservation
 - (C) National River Rejuvenation
 - (D) Uttarakhand Forest Protection
-

104. Cyclone is a natural disaster related to

- (A) Atmosphere
 - (B) Bay of Bengal
 - (C) Air Pollution
 - (D) Soil Erosion
-

105. The present Governor of the Reserve Bank of India

- (A) R Subrahmanyam
 - (B) Shantikala Das
 - (C) Sanjay Malhotra
 - (D) Sanjay Nigam
-

106. The recent Central Asia war began between

- (A) Saudi Arabia and Iran
 - (B) Israel and Iran
 - (C) UAE and Iran
 - (D) Russia and Ukraine
-

107. On which date NEP-2020 has come into effect in India?

- (A) 01 January 2021
 - (B) 29 July 2020
 - (C) 15 August 2021
 - (D) 01 April 2020
-

108. Which of the following organisations is conducting the National Achievement Survey (NAS)?

- (A) NCTE
 - (B) ASER
 - (C) UGC
 - (D) NCERT
-

109. The Right to Education-2009 Act is related to which level of Education?

- (A) Primary education
 - (B) Elementary education
 - (C) Senior Secondary education
 - (D) Higher education
-

110. What is the main objective of the ASER survey?

- (A) Set the standards for learning outcomes.
 - (B) Only assess the reading ability of learners.
 - (C) Assess the overall development of the learner.
 - (D) Assess the basic reading and arithmetic ability of the learner.
-

111. According to the new school ladder of NEP-2020, at which stage will the students of 11 to 14 years of age receive education?

- (A) Foundational stage
 - (B) Preparatory stage
 - (C) Middle stage
 - (D) Secondary stage
-

112. Dropout rate refers to

- (A) Students fail the exam.
 - (B) Students changing schools.
 - (C) Students repeated the class.
 - (D) Students leaving school before completion.
-

113. Who was awarded the Nobel Peace Prize in 2025?

- (A) Narges Mohammadi
 - (B) Maria Corina Machado
 - (C) Svetlana Tikhanovskaya
 - (D) Sviatlana Tsikhanouskaya
-

114. Which Indian state secured the Ranji Trophy title in domestic cricket during 2025–2026?

- (A) Tamil Nadu
 - (B) Jammu & Kashmir
 - (C) Maharashtra
 - (D) Karnataka
-

115. Which ocean has been named as 'hearing pond'?

- (A) Atlantic Ocean
 - (B) Antarctic Ocean
 - (C) Pacific Ocean
 - (D) Indian Ocean
-

116. Which of the following enzymes converts proteins into peptones?

- (A) Trypsin
 - (B) Pepsin
 - (C) Erepsin
 - (D) Enterokinase
-

117. In which of the following directions does the moon go around the Earth?

- (A) East to West
 - (B) North-East to South-West
 - (C) West to East
 - (D) South-West to North-East
-

118. Navodaya Vidyalayas were established

- (A) To serve the rural children of central government.
 - (B) To serve the urban children.
 - (C) To serve the rural children.
 - (D) To serve the urban children of state government employees.
-

119. 'A cloud-based document storage and verification platform' in India is

- (A) Digilocker
 - (B) Whatsapp
 - (C) Puramitra
 - (D) Instagram
-

120. Which country is hosting the Commonwealth 2026 Games?

- (A) UK
 - (B) Sri Lanka
 - (C) Australia
 - (D) India
-

121. In which year was the Right to Education (RTE) Act launched?

- (A) 2009
 - (B) 2008
 - (C) 2010
 - (D) 2011
-

122. Full form of CBSE

- (A) Central Board of Secondary Education
 - (B) Central Board of Selective Education
 - (C) Central Board of School Education
 - (D) Central Body of School Education
-

123. A positive classroom environment promotes students to

- (A) Silence and fear.
 - (B) Curiosity and participation.
 - (C) Punishment.
 - (D) Passive participation.
-

124. Which specific NEP-2020 goal is aimed by Telangana for providing infrastructure and digital classrooms by implementing the 'Mana Ooru - Mana Badi' (Our Village - Our School) initiative?

- (A) Vocationalisation of Education
 - (B) Universal Access and Equity
 - (C) Adult literacy
 - (D) Higher Education Regulation
-

125. Assertion (A): NEP 2020 proposes a 'single umbrella body' for higher education.

Reason (R): It aims to eliminate all private participation in higher education.

- (A) Both true and R explains A
 - (B) Both true, R does not explain A
 - (C) A true, R false
 - (D) A false, R true
-

126. Which of the following is NOT a benefit of 'PM Gati Shakti' for the education sector?

- (A) Identifying underserved areas to optimise locations for new schools.
 - (B) Improving school logistics and delivery of educational resources.
 - (C) Planning high-speed fibre connectivity for digital learning.
 - (D) Replacing physical text books with mandatory 100% Virtual Reality (VR)
-

127. Which of the following categories are included under Socio-Economically Disadvantaged Groups (SEDGs) according to NEP-2020?

- (i) Gender identities
 - (ii) Socio-cultural identities
 - (iii) Geographic identities
 - (iv) High performing students from urban private schools
-

(v) Disabilities

- (A) (i), (ii), (iii) and (v) only
 - (B) (i), (ii), (iii) and (iv) only
 - (C) (ii), (iii), (iv) and (v) only
 - (D) (i), (iii), (iv) and (v) only
-

128. What is the primary objective and target group of the 'Tholimettu' programme launched by Telangana Government?

- (A) To provide vocational training for students in classes 6 to 10
 - (B) To ensure foundational literacy and numeracy for students in classes 1 to 5.
 - (C) To offer digital literacy for teachers in higher education.
 - (D) To distribute laptops to all students in government residential schools.
-

129. Which of the following describes the logical approach to the Indian Knowledge System (IKS) in NEP 2020?

- (A) It mandates the replacement of modern scientific theories with ancient religious texts
 - (B) It integrates traditional Indian insights (like tribal knowledge and ancient mathematics) with modern subjects.
 - (C) It restricts the study of IKS to Sanskrit medium schools.
 - (D) It replaces all international vocational training with traditional Vedic apprenticeships.
-

130. What are the main objectives of school education?

- (A) Holistic development of learners.
 - (B) Prepare learners for exams.
 - (C) Focus only on academic growth.
 - (D) Memorization of all textbooks.
-

131. Which storage device has the largest capacity among the following?

- (A) CD
 - (B) DVD
 - (C) Hard Disk
 - (D) Floppy Disk
-

132. Which memory is used to store frequently accessed instructions for faster processing?

- (A) Cache Memory
 - (B) Pen Drive
 - (C) CD-ROM
 - (D) Hard Disk
-

133. _____ converts the instructions which are written using symbols to machine code.

- (A) Interpreter
 - (B) Assembler
 - (C) Compiler
 - (D) Linker
-

134. The full form of pptx is

- (A) Power Point Extension
 - (B) Power Point Open XML Presentation
 - (C) Power Point Expansion
 - (D) Power Point Extra Version
-

135. Which generation of computer languages is closest to natural language?

- (A) 4GL
 - (B) 2GL
 - (C) 3GL
 - (D) 5GL
-

136. The use of cache memory is to

- (A) Increase CPU speed
 - (B) Store operating system
 - (C) Store user defined files
 - (D) Data backup
-

137. Which database model allows a child record to have multiple parent records?

- (A) Hierarchical model
 - (B) Network model
 - (C) Relational model
 - (D) Flat file model
-

138. Which type of database is suitable for handling large volumes of unstructured data?

- (A) Relational database
 - (B) Network database
 - (C) Non-relational database
 - (D) Hierarchical database
-

139. Which option in MS-Excel is used to arrange data in ascending or descending order?

- (A) Filter
 - (B) Sort
 - (C) Format
 - (D) Arrange
-

140. Which file format is NOT supported by default in Microsoft Word?

- (A) .docx
 - (B) .pdf
 - (C) .xlsx
 - (D) .rtf
-

141. What happens when you press Ctrl+Z in Microsoft Word?

- (A) Redo
 - (B) Undo
 - (C) Save
 - (D) Delete
-

142. What is Phishing?

- (A) Fake emails to steal data.
 - (B) Backup emails to preserve the data.
 - (C) Data reduction technique.
 - (D) Data hiding technique.
-

143. Which of the following protocol sends mails in emailing system?

- (A) HTTP
 - (B) SMTP
 - (C) FTP
 - (D) POP / ETP
-

144. Which tab contains the 'Rehearse Timings' option?

- (A) Insert
 - (B) Design
 - (C) Slide Show
 - (D) Review
-

145. Which technique improves search accuracy in search engines?

- (A) Long paragraphs
 - (B) Boolean Operators (AND, OR, NOT)
 - (C) Uppercase only
 - (D) Avoid Keywords
-

146. _____ key moves to next column in MS-Excel.

- (A) Enter
 - (B) Back-space
 - (C) Left Arrow
 - (D) Tab
-

147. Short cut key for Exit presentation in PowerPoint is

- (A) Esc
 - (B) Back Space
-

- (C) Del
 - (D) Ctrl+Enter
-

148. Which spreads without attaching to a host file?

- (A) Virus
 - (B) Worm
 - (C) Trojan
 - (D) Spyware
-

149. Which AI technique is used in chatbots like ChatGPT?

- (A) Image processing
 - (B) Natural Language Processing
 - (C) Data compression
 - (D) Encryption
-

150. Which of the following is a deep learning framework?

- (A) Numpy
 - (B) Pandas
 - (C) TensorFlow
 - (D) Matplotlib
-