

PREVIOUS YEAR PAPER

UP Super TET (ATR) 2019 — 6 January 2019 (Series C)

UP Super TET · 6 January 2019

150 questions · +1 for a correct answer, -0 for a wrong one · 150 minutes

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Questions from the Uttar Pradesh Education Service Selection Commission's paper of 6 January 2019. Each question is followed by its answer, and the answer key is repeated on the last page.

Take it as a timed practice test: exambharo.com/up-super-tet/previous-year-papers/up-super-tet-2019-6-jan-series-c/

General

1. $x^2 - y^2 - 9z^2 + 6yz$ is factorized as

- (a) $(x + y - 3z)(x + y + 3z)$
- (b) $(x - y - 3z)(x - y + 2z)$
- (c) $(x + y - 3z)(x - y + 3z)$
- (d) $(x - 2y + 3z)(x - y + 3z)$

Answer: (c)

2. In a trapezium, the lengths of its parallel sides are a and b . The length of the line joining the midpoints of its non-parallel sides is

- (a) $(a - b)/2$
- (b) $(a + b)/2$
- (c) $ab/2$
- (d) $ab/(a + b)$

Answer: (b)

3. The ages (in years) of 6 students in a class are given as :
13, 14, 18, 16, 19, 12

Their median will be

- (a) 14
- (b) 15
- (c) 16
- (d) 17

Answer: (b)

4. The empirical relationship among the three measures of central tendencies is

- (a) $2 \text{ Median} = \text{Mode} + \text{Mean}$
- (b) $3 \text{ Median} = \text{Mode} + 2 \text{ Mean}$
- (c) $\text{Median} = \text{Mode} + \text{Mean}$
- (d) $\text{Median} = 2 \text{ Mode} + 3 \text{ Mean}$

Answer: (b)

5. If a person loses 20% on selling price, then what percentage of loss will be made on the cost price?

- (a) 20%
- (b) 25%
- (c) $40/3$ %
- (d) $50/3$ %

Answer: (d)

6. The 23rd Chief Election Commissioner of India is

- (a) O. P. Rawat
- (b) Achal Kumar Jyoti
- (c) Sunil Arora
- (d) S. Y. Quraishi

Answer: (c)

7. When is the National Sports Day celebrated in India?

- (a) 25th May
- (b) 29th June
- (c) 30th July
- (d) 29th August

Answer: (d)

8. Who wrote the epic, Buddhacharitam?

- (a) Ashvaghosha
- (b) Nagarjuna
- (c) Hemchandra
- (d) Gautama Buddha

Answer: (a)

9. What was the theme of the World Environment Day, 2018?

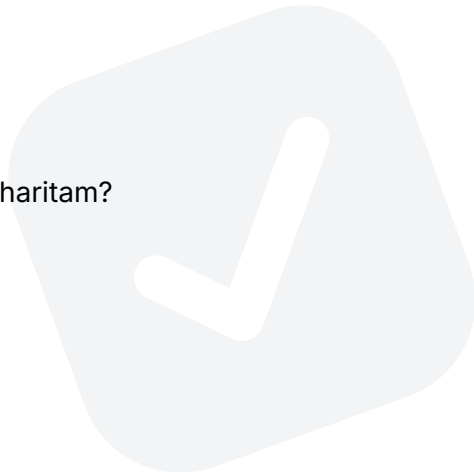
- (a) Beat Water Pollution
- (b) Beat Air Pollution
- (c) Beat Chemical Pollution
- (d) Beat Plastic Pollution

Answer: (d)

10. What is the rank of India in the world as per Global Happiness Index (GHI), 2018?

- (a) 136th
- (b) 81st
- (c) 133rd
- (d) 130th

Answer: (c)



11. Who was the originator of a cult named 'Nath Panth'?

- (a) Matsyendranath
- (b) Gorakhnath
- (c) Shri Nath
- (d) Vasav

Answer: (a)

12. Which of the following is a folk dance of Karnataka?

- (a) Garba
- (b) Charkula
- (c) Jawara
- (d) Yakshagana

Answer: (d)

13. The Kailashnath Temple (Shiva Temple) at Kanchipuram containing sculpture with paintings in the inner walls was built by

- (a) Devavarman
- (b) Mahendravarman
- (c) Narasimhavarman I
- (d) Narasimhavarman II

Answer: (d)

14. Mirzapur is famous for

- (a) Kajari
- (b) Charkula dance
- (c) Panwara
- (d) Nakata

Answer: (a)

15. In which of the following States, India's 100th airport is located?

- (a) Manipur
- (b) Arunachal Pradesh
- (c) Nagaland
- (d) Sikkim

Answer: (d)

16. Central Glass and Ceramic Research Institute is located at

- (a) Agra
- (b) Khurja
- (c) Kanpur
- (d) Ferozabad

Answer: (b)



17. Who among the following has been awarded for Ramon Magsaysay Award, 2018?

- (a) Bharat Vatwani
- (b) Bruce Rittmann
- (c) Robert Langlands
- (d) Richard H. Thaler

Answer: (a)

18. Who has been given the Bharat-Bharati Award of the year 2017 by Uttar Pradesh Hindi Institute?

- (a) Dr. Rameshchandra Shah
- (b) Jayprakash Kardam
- (c) Dr. Ramdev Shukla
- (d) Dr. Ramgopal Sharma

Answer: (a)

19. In which of the following fields, the Nobel Prize, 2018 has not been announced?

- (a) Medical
- (b) Literature
- (c) Physics
- (d) Chemistry

Answer: (b)

20. The winner of US Open Tennis Tournament, 2018 (Women's Singles) was

- (a) Caroline Wozniacki
- (b) Simona Halep
- (c) Naomi Osaka
- (d) Serena Williams

Answer: (c)

21. At the 65th National Film Awards for 2017, the Best Feature Film Award was bagged by

- (a) Tumhari Sulu
- (b) Hindi Medium
- (c) Village Rockstars
- (d) Bhayanakam

Answer: (c)

22. Where was the International Conference on Climate Change held in December 2018?

- (a) Kankun (Mexico)
- (b) Durban (South Africa)
- (c) Katowice (Poland)
- (d) Doha (Qatar)

Answer: (c)

23. In which of the following countries did Prime Minister Narendra Modi start 'Ramayana Circuit' on May 11, 2018?

- (a) Nepal
- (b) Indonesia
- (c) Sri Lanka
- (d) Myanmar

Answer: (a)

24. Who is known as the 'Shakespeare of India'?

- (a) Vishnu Sharma
- (b) Panini
- (c) Kalidasa
- (d) Bharavi

Answer: (c)

25. When was 'Kumbha Mela' included in Intangible Cultural Heritage List of UNESCO?

- (a) 2017
- (b) 2018
- (c) 2012
- (d) 2015

Answer: (a)

26. 'Kathakali' is the main classical dance of which State?

- (a) Uttar Pradesh
- (b) Andhra Pradesh
- (c) Karnataka
- (d) Kerala

Answer: (d)

27. Saurabh Chaudhary is associated with which sport?

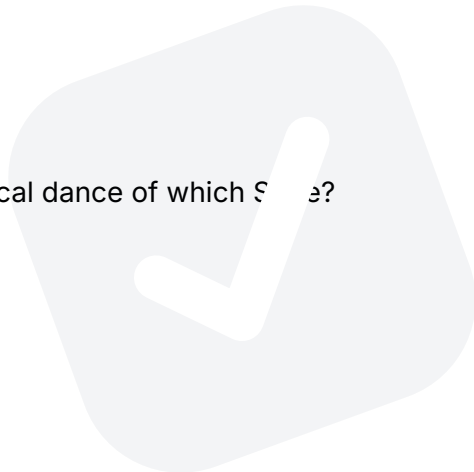
- (a) Boxing
- (b) Cricket
- (c) Shooting
- (d) Wrestling

Answer: (c)

28. The height of 'Statue of Unity' is

- (a) 175 meter
- (b) 179 meter
- (c) 180 meter
- (d) 182 meter

Answer: (d)



29. India's first engineless train is now ready. Its name is

- (a) Train 11
- (b) Train 14
- (c) Train 16
- (d) Train 18

Answer: (d)

30. As on March 2018, which of the following is the India's fastest supercomputer?

- (a) Summit
- (b) Sierra
- (c) Mihir
- (d) Pratyush

Answer: (d)

31. The best film of the 90th Oscar, 2018 is

- (a) A Fantastic Woman
- (b) Get Out
- (c) The Shape of Water
- (d) Dunkirk

Answer: (c)

32. India's rank in Human Development Index, 2018 is

- (a) 128th
- (b) 129th
- (c) 130th
- (d) 131st

Answer: (c)

33. Who is the author of the book, The Accidental Prime Minister?

- (a) Kuldeep Nayar
- (b) Sanjaya Baru
- (c) S. Bose
- (d) Karan Thapar

Answer: (b)

34. The book, Exam Warriors is written by

- (a) Pranab Mukherjee
- (b) Arun Shourie
- (c) Amitav Ghosh
- (d) Narendra Modi

Answer: (d)

35. The author of the novel, Milkman is

- (a) Arundhati Roy
- (b) Anna Burns
- (c) Kiran Desai
- (d) Hilary Mantel

Answer: (b)

36. The main aim of life skill is

- (a) to develop capabilities
- (b) to develop ability according to demands and challenges
- (c) to receive the answer of every question
- (d) to become good teacher

Answer: (b)

37. The instinct theory of motivation was given by

- (a) Freud
- (b) Clark L. Hull
- (c) McDougall
- (d) Morgan

Answer: (c)

38. In sympathy, a person

- (a) understands the problems of others
- (b) likes others
- (c) works according to wish of others
- (d) lives always in confusion

Answer: (a)

39. Reward is what kind of motivation?

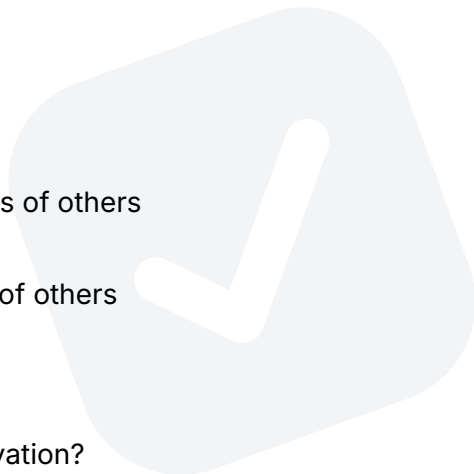
- (a) Positive and direct
- (b) Positive and indirect
- (c) Negative and direct
- (d) Negative and indirect

Answer: (a)

40. From which year, the Right to Education Act (RTE Act) came into effect?

- (a) 2009
- (b) 2010
- (c) 2005
- (d) 2001

Answer: (b)



41. "Value is that which satisfies human desires." This statement is given by

- (a) Aristotle
- (b) Hume
- (c) Urban
- (d) Hoffding

Answer: (c)

42. Which of the following is a social motive?

- (a) Self-pride
- (b) Love
- (c) Hunger
- (d) Thirst

Answer: (a)

43. The ability to do things differently and use new techniques is called

- (a) creativity
- (b) personality development
- (c) newness
- (d) awareness

Answer: (a)

44. Who first used the vocational guidance?

- (a) Mayer
- (b) Parsons
- (c) Halk
- (d) Brewer

Answer: (b)

45. Which of the following values has been accepted by NCERT in relation to education?

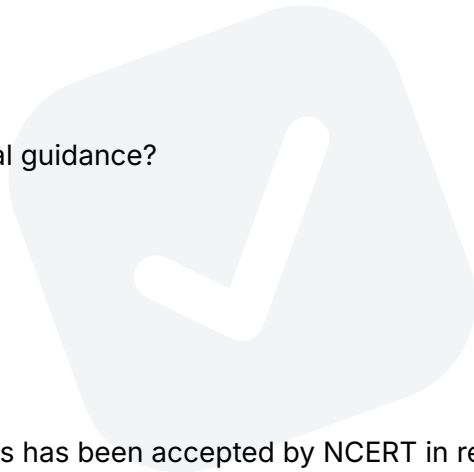
- (a) Cleanliness and truthfulness
- (b) Labour
- (c) Equality and cooperation
- (d) All of the above

Answer: (d)

46. A is B's sister. C is B's mother. D is C's father. E is D's mother. Then how is A related to D?

- (a) Daughter
- (b) Granddaughter
- (c) Grandmother
- (d) Father

Answer: (b)



47. What should come in place of question mark(?) in the following?

MK : 169/121 :: JH : ?

- (a) 100/64
- (b) 100/81
- (c) 61/120
- (d) 81/100

Answer: (a)

48. Rahul, a cyclist, rides 40 km to the east, turns north and rides 20 km, again turns left and rides 20 km. How far is he from the starting point?

- (a) 0 km
- (b) 10 km
- (c) $20\sqrt{2}$ km
- (d) 30 km

Answer: (c)

49. In a certain code language, 256 means 'you are good', 637 means 'we are bad' and 358 means 'good and bad'. What number is used for 'and' in this language?

- (a) 8
- (b) 3
- (c) 5
- (d) 2

Answer: (a)

50. In a certain code, FORGE is written as FRTU. How will CULPRIT be written in the same code?

- (a) CVMQSTU
- (b) CXOSULW
- (c) CVNSVNZ
- (d) CSJNPGR

Answer: (c)

51. What is the full form of Bit?

- (a) Binary tree
- (b) Binary digit
- (c) Binary term
- (d) Binary task

Answer: (b)

52. VLE stands for

- (a) Value Learning Environment
- (b) Virtual Loaded Environment
- (c) Virtual Learning Environment
- (d) Value Loaded Environment

Answer: (c)

53. The objective of ICT is

- (a) the establishment of smart schools
- (b) to increase the capacity of teachers
- (c) Both (1) and (2)
- (d) None of the above

Answer: (c)

54. Spam is

- (a) unwanted messages
- (b) wanted messages
- (c) protocol
- (d) All of the above

Answer: (a)

55. Which of the following is primary memory?

- (a) Floppy disk
- (b) Hard disk
- (c) CD-ROM
- (d) ROM

Answer: (d)

56. कृदंत प्रत्यय किन शब्दों के साथ जुड़ते हैं?

- (a) संज्ञा
- (b) सर्वनाम
- (c) क्रिया
- (d) अव्यय

Answer: (c)

57. 'जो व्याकरण जानता है' वाक्यांश के लिए एक शब्द है

- (a) वैज्ञानिक
- (b) वैयाकरण
- (c) बहुज्ञ
- (d) शास्त्रज्ञ

Answer: (b)

58. 'सरस्वती' पत्रिका के संपादक कौन थे?

- (a) सूर्यकांत त्रिपाठी निराला
- (b) महावीर प्रसाद द्विवेदी
- (c) भारतेन्दु हरिश्चंद्र
- (d) बालमुकुन्द गुप्त

Answer: —



59. 'चिदम्बरा' पर ज्ञानपीठ पुरस्कार प्राप्त हुआ

- (a) मैथिलीशरण गुप्त को
- (b) सुमित्रानंदन पंत को
- (c) अयोध्या सिंह उपाध्याय हरिऔध को
- (d) रामधारी सिंह दिनकर को

Answer: —

60. 'महान' शब्द में 'त्व' प्रत्यय जोड़ने से शब्द बनेगा

- (a) महनीय
- (b) महत्ता
- (c) महत्त्व
- (d) महती

Answer: (c)

61. महावीर प्रसाद द्विवेदी ने आदिकाल को क्या संज्ञा दी है?

- (a) बीजवपनकाल
- (b) आदिकाल
- (c) वीरगाथाकाल
- (d) चारणकाल

Answer: —

62. हिन्दी शब्द किस भाषा से लिया गया है?

- (a) संस्कृत
- (b) फारसी
- (c) हिन्दी
- (d) अरबी

Answer: (b)

63. निम्नलिखित में तत्सम शब्द है

- (a) आँख
- (b) पाँव
- (c) गाँव
- (d) गृह

Answer: (d)



Passage — for questions 64–65

निर्देश (प्रश्न सं० 64 एवं 65) : प्रस्तुत गद्यांश को ध्यानपूर्वक पढ़कर नीचे दिए गए प्रश्नों के उत्तर विकल्प से छाँटकर लिखिए।

हमारा जीवन पाखंडमय बन गया है और हम इसके बिना नहीं रह सकते हैं। अपने सार्वजनिक जीवन अथवा निजी जीवन में कहीं भी देखें हम एक-दूसरे को छलने की कला का खुलकर उपयोग करते हैं, इसके बावजूद यह विश्वास करते हैं कि हम ऐसा कुछ भी नहीं कर रहे हैं। हम इस प्रकार की भाषा का प्रयोग करते हैं जिसकी उस अवसर पर कोई आवश्यकता नहीं होती। हम किसी भी बात को यह जानते हुए कि वह सही या सत्य नहीं है लेकिन उसके प्रति निष्ठा या विश्वास इस तरह प्रकट करते हैं कि जैसे हमारे लिए वही एकमात्र सत्य है। हम सब यह इसलिए सरलता से कर लेते हैं क्योंकि आज पाखंड एवं दिखावा हमारे जीवन का एक अभिन्न अंग बन गया है। आज हम लोगों में से अधिकांश की स्थिति 'मुँह में कुछ और मन में कुछ और' वाली बन गयी है।

64. हमने जीवन का अभिन्न अंग किसे बना लिया है?

- (a) भाषा को
- (b) पाखंड और दिखावे को
- (c) निष्ठा एवं विश्वास को
- (d) सरलता को

Answer: (b)

65. छलने की कला का हम किस प्रकार उपयोग करते हैं?

- (a) खुलकर
- (b) आवश्यकतानुसार
- (c) पूरी निष्ठा से
- (d) सरलता से

Answer: (a)

66. "बीती विभावरी जाग री,
अम्बर-पनघट में डुबो रही,
तारा-घट ऊषा-नागरी।"

उपर्युक्त पंक्तियों में कौन-सा अलंकार है?

- (a) अनुप्रास
- (b) उपमा
- (c) अन्योक्ति
- (d) रूपक

Answer: (d)

67. "जदपि सुजाति सुलच्छनी, सुबरन सरस सुवृत्त।

भूषण बिनु न बिराजई, कविता बनिता मित्त॥"

अलंकार को परिभाषित करने वाली उपर्युक्त पंक्तियाँ किस कवि की हैं?

- (a) केशवदास
- (b) बिहारीलाल
- (c) सेनापति
- (d) आचार्य दण्डी

Answer: (a)



68. निम्नलिखित में से कौन-सा शब्द सरस्वती का पर्याय नहीं है?

- (a) वीणापाणि
- (b) भारती
- (c) वाग्देवी
- (d) जाह्नवी

Answer: (d)

69. मैं, हम, तू, तुम आदि शब्द हैं

- (a) संबंधवाचक सर्वनाम
- (b) अनिश्चयवाचक सर्वनाम
- (c) प्रश्नवाचक सर्वनाम
- (d) पुरुषवाचक सर्वनाम

Answer: (d)

70. निम्नलिखित में से महाप्राण व्यंजन कौन-से हैं?

- (a) क, च, ट, त, प
- (b) ख, छ, ठ, थ, फ
- (c) ग, ज, ड, द, ब
- (d) य, र, ल, व

Answer: (b)

71. जब प्रथम शब्द संख्यावाची और द्वितीय शब्द संज्ञा हो, तब _____ मास होता है?

- (a) द्विगु
- (b) कर्मधारय
- (c) तत्पुरुष
- (d) बहुव्रीहि

Answer: (a)

72. "तुम मांसहीन, तुम रक्तहीन, हे अस्थिशेष तुम अस्थिहीन,
तुम शुद्ध-बुद्ध आत्मा केवल, हे चिर पुराण हे चिर नवीन।"

उपर्युक्त पंक्तियों में कौन-सा अलंकार प्रयुक्त हुआ है?

- (a) विरोधाभास
- (b) विशेषण विपर्यय
- (c) मानवीकरण
- (d) दृष्टांत

Answer: (a)

73. निम्नलिखित में से कौन-सा योजक चिह्न है?

- (a) ।
- (b) ,
- (c) –
- (d) " "

Answer: (c)

74. 'बुद्धिमान' शब्द किस संवर्ग में है?

- (a) संज्ञा
- (b) विशेषण
- (c) सर्वनाम
- (d) अव्यय

Answer: (b)

75. 'कवि' का स्त्रीलिंग है

- (a) कवित्री
- (b) कवियत्री
- (c) कवयित्री
- (d) कवियित्री

Answer: (c)

76. शैले शैले न माणिक्यं मौक्तिकं न गजे गजे।

साधवो न हि सर्वत्र चन्दनं न वने वने॥

अस्मिन् श्लोके सर्वत्र के न भवन्ति?

- (a) मौक्तिकम्
- (b) साधवो
- (c) माणिक्यम्
- (d) चन्दनम्

Answer: (b)

77. 'सूर्योदयः' पद में प्रयुक्त समास है

- (a) कर्मधारय
- (b) बहुव्रीहि
- (c) तत्पुरुष
- (d) अव्ययीभाव

Answer: (c)



78. 'नीलोत्पलम्' में कौन-सा समास है?

- (a) द्विगु
- (b) द्वन्द्व
- (c) बहुव्रीहि
- (d) कर्मधारय

Answer: (d)

79. 'दास्यति' क्रियापद में लकार है

- (a) लट्
- (b) लोट्
- (c) लृट्
- (d) विधिलिङ्

Answer: (c)

80. उदेति सविता ताम्रः एव अस्तमेति च।

सम्पत्तौ विपत्तौ च महतामेकरूपता॥

'सविता' कीदृशः उदेति?

- (a) ताम्रः
- (b) पीतः
- (c) नीलः
- (d) हरितः

Answer: (a)

81. 'पितृस्वसा' का अर्थ है

- (a) बुआ
- (b) चाची
- (c) ताई
- (d) मौसी

Answer: (a)

82. 'गम्' धातु लृट् लकार मध्यमपुरुष बहुवचन का रूप है

- (a) गमिष्यतः
- (b) गमिष्यथः
- (c) गमिष्यथ
- (d) गमिष्यावः

Answer: (c)



83. माहेश्वर सूत्रों की संख्या है

- (a) 14
- (b) 13
- (c) 15
- (d) 10

Answer: (a)

84. 'गाः' पद में विभक्ति वचन है

- (a) प्रथमा बहुवचन
- (b) द्वितीया बहुवचन
- (c) पंचमी एकवचन
- (d) सप्तमी एकवचन

Answer: (b)

85. 'हसन्ती' पद में प्रत्यय है

- (a) क्तिन्
- (b) क्त
- (c) शतृ
- (d) ल्युट्

Answer: (c)

Passage — for questions 86–87

Direction (Q. Nos. 86 and 87) : Read the passage given below and answer the questions that follow.

Poverty is cruel, but it is curable. The only known cure is economic pragmatism instead of woolly ideology. In the field of economics, the tree of ideology has never bore any fruit. We have countless chances for development. Opportunities multiply when they are seized; they die when neglected. We have barely tapped our immeasurable potential for growth. Immense manpower, superb skills and enterprise are to India what oil is to the Middle East. The only difference is that the oil will be depleted one day, but our human resources will never be.

86. Which of the following is most opposite in meaning of the word 'deplete' as used in the passage?

- (a) Regenerate
- (b) Empty
- (c) Quench
- (d) Inflate

Answer: (a)

87. According to the author, ideology in the context of economics

- (a) is the most important consideration
- (b) has barely yielded any result
- (c) is not a futile consideration
- (d) has proved to be a basic requirement

Answer: (b)

88. Fill in the blank with the correct pronoun in the following sentence :

One should love ____ country.

- (a) his
- (b) her
- (c) one's
- (d) my

Answer: (c)

89. The number of vowel and consonant sounds in English is indicated respectively by

- (a) 22, 22
- (b) 5, 39
- (c) 10, 34
- (d) 20, 24

Answer: (d)

90. Identify the direct narration of the given sentence :

Atul informed his friend that he could make use of his bike while he was away.

- (a) Atul said to his friend, "You will make use of my bike while I was away."
- (b) Atul said to his friend, "Use my bike while I go away."
- (c) Atul said to his friend, "You can make use of my bike while I am away."
- (d) Atul asked his friend, "Will you make use of my bike while I am away?"

Answer: (c)

91. Identify the parts of speech of the underlined word in the following sentence :

He is intelligent enough to solve this sum.

- (a) Adverb
- (b) Adjective
- (c) Preposition
- (d) Noun

Answer: (a)

92. Find out the subject in the following sentence :

On the top of the hill lives a hermit.

- (a) the hill
- (b) a hermit
- (c) On the top
- (d) On the top of the hill

Answer: (b)

93. In the following sentence, change the verb to the past tense :

She hides her face for shame.

- (a) hidden
- (b) hide
- (c) hid
- (d) hided

Answer: (c)

94. Identify the type of the sentence given below :

How well she sings !

- (a) Declarative
- (b) Imperative
- (c) Interrogative
- (d) Exclamatory

Answer: (d)

95. Which of the following sentences is correct?

- (a) He is an European citizen.
- (b) An one rupee note is rare to find.
- (c) I donated an unit of blood.
- (d) An FIR was lodged against him.

Answer: (d)

96. The first Muslim President of the Indian National Congress was

- (a) Abul Kalam Azad
- (b) Rafi Ahmed Kidwai
- (c) Badruddin Tyabji
- (d) Hakim Ajmal Khan

Answer: (c)

97. Name the leader who died of injuries from Lathi charge during the course of demonstration against the Simon Commission.

- (a) Lala Lajpat Rai
- (b) Govind Ballabh Pant
- (c) Dr. Satyapal
- (d) Dr. Kitchlew

Answer: (a)

98. The Rajya Sabha can delay the Money Bill sent for its consideration by the Lok Sabha for a maximum period of

- (a) 10 days
- (b) 12 days
- (c) 14 days
- (d) 16 days

Answer: (c)

99. The southernmost point of Peninsular India, that is Kanyakumari, is in the

- (a) north of the Tropic of Cancer
- (b) south of the Tropic of Capricorn
- (c) north of the Equator
- (d) south of the Equator

Answer: (c)

100. Which of the following ocean currents does not belong to Atlantic Ocean?

- (a) Agulhas Current
- (b) Labrador Current
- (c) Florida Current
- (d) Canary Current

Answer: (a)

101. Nathu La Pass is situated in which State of India?

- (a) Arunachal Pradesh
- (b) Assam
- (c) Sikkim
- (d) Meghalaya

Answer: (c)

102. In India, poverty is estimated on the basis of

- (a) household consumption expenditure
- (b) per capita income
- (c) per capita expenditure
- (d) None of the above

Answer: (a)

103. Who among the following was the first President of the Constituent Assembly of India?

- (a) Dr. Sachchidananda Sinha
- (b) Dr. Rajendra Prasad
- (c) Dr. B. R. Ambedkar
- (d) Prof. H. C. Mookerjee

Answer: (a)

104. Kakori Conspiracy Case took place in

- (a) 1920
- (b) 1925
- (c) 1930
- (d) 1935

Answer: (b)

105. The first National Park established in India is

- (a) Jim Corbett National Park
- (b) Dudhwa National Park
- (c) Periyar National Park
- (d) Manas National Park

Answer: (a)

106. Which one of the following statements about teaching is not correct?

- (a) Teaching is an interactive process.
- (b) Teaching is a tripolar process.
- (c) Teaching is an effect-directed process.
- (d) Teaching is a process confined only to the classrooms.

Answer: (d)

107. The main reason to initiate mid-day meal programme for primary schools is

- (a) to expand society
- (b) to increase employment
- (c) to increase enrollment
- (d) teachers' development

Answer: (c)

108. Who propounded the stimulus-response theory?

- (a) Pavlov
- (b) Thorndike
- (c) Skinner
- (d) Kohler

Answer: (b)

109. Disability to read and write is

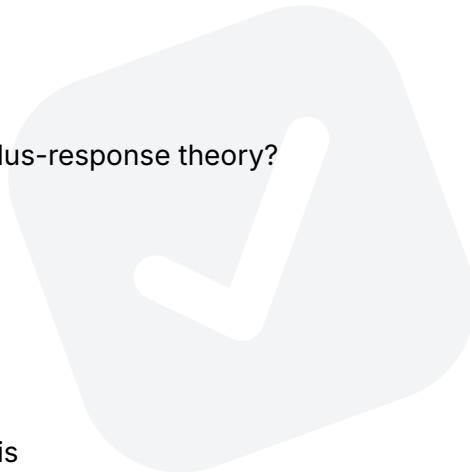
- (a) autism
- (b) dyslexia
- (c) dyspraxia
- (d) apraxia

Answer: (b)

110. "An innovation is an idea perceived as new by the individual." Who said this?

- (a) H. G. Burnett
- (b) E. M. Rogers
- (c) M. B. Miles
- (d) Allen

Answer: (b)



111. Which Committee in the history of Indian education discussed 'wastage and stagnation' first of all?

- (a) Hartog Committee
- (b) Yashpal Committee
- (c) Mehta Committee
- (d) Zakir Hussain Committee

Answer: (a)

112. Absolute zero exists in

- (a) nominal scale
- (b) interval scale
- (c) ordinal scale
- (d) ratio scale

Answer: (d)

113. What is the main component of introduction skill?

- (a) Previous knowledge
- (b) Lecturing
- (c) Blackboard writing
- (d) Homework

Answer: (a)

114. When was National Curriculum Framework introduced by NCERT?

- (a) 1986
- (b) 1992
- (c) 2005
- (d) 2009

Answer: (c)

115. "Educational administration provides appropriate education to appropriate student by appropriate teacher by which they can able to become the best by using available maximum resources." This definition is given by

- (a) S. N. Mukherjee
- (b) Cambell
- (c) Welfare Grahya
- (d) Dr. Atmanand Mishra

Answer: (c)

116. 'Rehabilitation Council of India' is established for which purpose?

- (a) Distance education
- (b) Environmental education
- (c) Education of person with disability (PWD)
- (d) None of the above

Answer: (c)

117. The law of developmental direction includes

- (a) cephalocaudal law
- (b) proximodistal law
- (c) Both (1) and (2)
- (d) Neither (1) nor (2)

Answer: (c)

118. According to Margaret Mead, the most important factor for individual differences is

- (a) biological
- (b) psychological
- (c) homologous
- (d) cultural

Answer: (d)

119. The propounder of 'Braille Script' is

- (a) Charles Braille
- (b) Louis Braille
- (c) Barbier Braille
- (d) None of them

Answer: (b)

120. Who proposed the theory of classical conditioning?

- (a) Skinner
- (b) Spinozich
- (c) Pavlov
- (d) Binet

Answer: (c)

121. The book, Hereditary Genius is written by whom?

- (a) Cattell
- (b) Galton
- (c) Terman
- (d) Pearson

Answer: (b)

122. Which one of the following factors affects the development of child?

- (a) Endocrinal glands
- (b) Nutritious diet
- (c) Diseases and injuries
- (d) All of the above

Answer: (d)

123. The correct order of Gagne's learning hierarchy is

- (a) rule learning, concept learning, problem solving
- (b) concept learning, problem solving, rule learning
- (c) concept learning, rule learning, problem solving
- (d) rule learning, problem solving, concept learning

Answer: (c)

124. The stage of creative problem solving in which the individuals do not give attention to the problem is

- (a) translation
- (b) illumination
- (c) incubation
- (d) preparation

Answer: (c)

125. 'National Institute of Orthopaedically Handicapped' is situated in

- (a) Dehradun
- (b) Mumbai
- (c) Kolkata
- (d) Secunderabad

Answer: (c)

126. Edible salt is made up of

- (a) weak acid and weak base
- (b) strong acid and strong base
- (c) weak acid and strong base
- (d) strong acid and weak base

Answer: (b)

127. If the kinetic energy of a body becomes four times of its initial value, then the new momentum

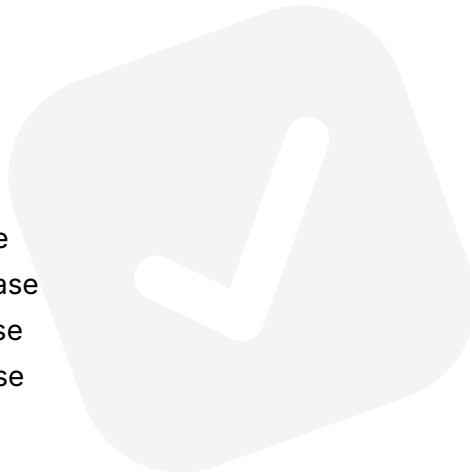
- (a) will be three times of the initial value
- (b) will be four times of the initial value
- (c) will be two times of the initial value
- (d) will remain unchanged

Answer: (c)

128. The nature of sound waves is

- (a) transverse
- (b) longitudinal
- (c) electromagnetic
- (d) None of the above

Answer: (b)



129. 1 micron (μ) is

- (a) 10^{-9} m
- (b) 10^{-12} m
- (c) 10^{-6} m
- (d) 10^{-15} m

Answer: (c)

130. The atmospheric zone in which ozone layer lies is called

- (a) exosphere
- (b) mesosphere
- (c) troposphere
- (d) stratosphere

Answer: (d)

131. Spiracles are used for breathing in

- (a) fish
- (b) cockroach
- (c) earthworm
- (d) pila

Answer: (b)

132. The position x of a particle moving along a straight line path varies with time according to the relation $x = 6t^2 - 5t$, where x is in meter, t is in second. The initial velocity of the particle is

- (a) 6 m/s
- (b) -5 m/s
- (c) 5 m/s
- (d) -6 m/s

Answer: (b)

133. Night blindness is caused due to the deficiency of

- (a) vitamin A
- (b) vitamin C
- (c) vitamin B
- (d) vitamin D

Answer: (a)

134. The volume of 4.4 g CO_2 at NTP will be

- (a) 22.4 L
- (b) 2.24 L
- (c) 224 L
- (d) 44.8 L

Answer: (b)

135. Among the following, the weakest force is

- (a) gravitational force
- (b) electric force
- (c) nuclear force
- (d) magnetic force

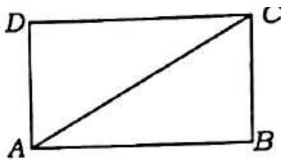
Answer: (a)

136. For what value of b , the inequality $b^2 + 8b \geq 9b + 14$ is correct?

- (a) $b \geq -5, b \leq 4$
- (b) $b \geq 5, b \leq -4$
- (c) $-4 \leq b \leq 5$
- (d) None of the above

Answer: (b)

137. In the adjoining figure, if $AB + AC = 5AD$ and $AC - AD = 8$, then the area of the rectangle ABCD is



- (a) 36 sq. unit
- (b) 50 sq. unit
- (c) 60 sq. unit
- (d) 82 sq. unit

Answer: (c)

138. If the heights of two cones are in the ratio 1 : 5 and their diameters are in the ratio 4 : 5, then what is the ratio of their volumes?

- (a) 4 : 25
- (b) 1 : 16
- (c) 1 : 25
- (d) 16 : 25

Answer: (a)

139. The average of the first 9 natural prime numbers is

- (a) 9
- (b) 10
- (c) $11 \frac{2}{9}$
- (d) $11 \frac{1}{9}$

Answer: (d)

140. If $\sqrt{2916} = 54$, then what is the value of $\sqrt{29.16} + \sqrt{0.2916} + \sqrt{0.002916} + \sqrt{0.00002916}$?

- (a) 5.9994
- (b) 5.4554
- (c) 5.4545
- (d) 5.9449

Answer: (a)

141. The sum of three numbers is 98. If the ratio between the first and second be 2 : 3 and that between the second and third be 5 : 8, then find the second number.

- (a) 10
- (b) 20
- (c) 30
- (d) 40

Answer: (c)

142. If a regular hexagon is inscribed in a circle of radius r , then its perimeter is

- (a) $6r$
- (b) $3r$
- (c) $9r$
- (d) $12r$

Answer: (a)

143. The incenter of a triangle is determined by

- (a) altitudes
- (b) angle bisectors
- (c) medians
- (d) perpendicular bisectors of the sides

Answer: (b)

144. The value of $(1001)^3$ is

- (a) 103003001
- (b) 100303001
- (c) 1003003001
- (d) 100300301

Answer: (c)

145. If 120 is 20% of a number, then 120% of that number will be

- (a) 20
- (b) 120
- (c) 480
- (d) 720

Answer: (d)

146. Which one of the following is the smallest fraction?

$\frac{6}{11}$, $\frac{13}{18}$, $\frac{15}{22}$, $\frac{19}{36}$, $\frac{5}{6}$

- (a) $\frac{6}{11}$
- (b) $\frac{13}{18}$
- (c) $\frac{15}{22}$
- (d) $\frac{19}{36}$

Answer: (d)

147. The length of a rectangle is increased by 25%. By what percent of the breadth to be decreased to maintain the same area?

- (a) 15%
- (b) 20%
- (c) 21.5%
- (d) 23.4%

Answer: (b)

148.

$1.\overline{27}$

is equal to

- (a) $\frac{127}{100}$
- (b) $\frac{73}{100}$
- (c) $\frac{14}{11}$
- (d) $\frac{11}{14}$

Answer: (c)

149. A sum of money doubles itself in 15 years . . . compound interest. It will become 8 times in

- (a) 30 years
- (b) 40 years
- (c) 45 years
- (d) 60 years

Answer: (c)

150. If $a^x = b^y = c^z$ and $b^2 = ac$, then y is

- (a) $\frac{xz}{(x + y)}$
- (b) $\frac{xz}{(2(x - z))}$
- (c) $\frac{xz}{(2(z - x) + 3)}$
- (d) $\frac{2xz}{(z + x)}$

Answer: (d)

Answer key

Answer key from the Uttar Pradesh Education Service Selection Commission's official answer key for this sitting.
"—" means the key gave none.

General

1	(c)	2	(b)	3	(b)	4	(b)	5	(d)	6	(c)	7	(d)	8	(a)
9	(d)	10	(c)	11	(a)	12	(d)	13	(d)	14	(a)	15	(d)	16	(b)
17	(a)	18	(a)	19	(b)	20	(c)	21	(c)	22	(c)	23	(a)	24	(c)
25	(a)	26	(d)	27	(c)	28	(d)	29	(d)	30	(d)	31	(c)	32	(c)
33	(b)	34	(d)	35	(b)	36	(b)	37	(c)	38	(a)	39	(a)	40	(b)
41	(c)	42	(a)	43	(a)	44	(b)	45	(d)	46	(b)	47	(a)	48	(c)
49	(a)	50	(c)	51	(b)	52	(c)	53	(c)	54	(a)	55	(d)	56	(c)
57	(b)	58	—	59	—	60	(c)	61	—	62	(b)	63	(d)	64	(b)
65	(a)	66	(d)	67	(a)	68	(d)	69	(d)	70	(b)	71	(a)	72	(a)
73	(c)	74	(b)	75	(c)	76	(b)	77	(c)	78	(d)	79	(c)	80	(a)
81	(a)	82	(c)	83	(a)	84	(b)	85	(c)	86	(a)	87	(b)	88	(c)
89	(d)	90	(c)	91	(a)	92	(b)	93	(c)	94	(d)	95	(d)	96	(c)
97	(a)	98	(c)	99	(c)	100	(a)	101	(c)	102	(a)	103	(a)	104	(b)
105	(a)	106	(d)	107	(c)	108	(b)	109	(b)	110	(b)	111	(a)	112	(d)
113	(a)	114	(c)	115	(c)	116	(c)	117	(c)	118	(d)	119	(b)	120	(c)
121	(b)	122	(d)	123	(c)	124	(c)	125	(c)	126	(b)	127	(c)	128	(b)
129	(c)	130	(d)	131	(b)	132	(b)	133	(a)	134	(b)	135	(a)	136	(b)
137	(c)	138	(a)	139	(d)	140	(a)	141	(c)	142	(a)	143	(b)	144	(c)
145	(d)	146	(d)	147	(b)	148	(c)	149	(c)	150	(d)				