

DO NOT OPEN THE SEAL OF THE BOOKLET UNTIL YOU ARE TOLD TO DO SO

EXAM ID. - 10288

CHANDIGARH NTT

TEST SERIES

DATE - __/__/__

DAY -

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

A - 101

QUESTION – 150

MARKS – 150

NEGATIVE MARK – 0

DURATION – 180 MIN

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through Abhijagar.
3. There are total 150 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.
6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out with his permission by submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
11. 1 marks will be given for each correct answer and 0 marks will be deducted for each wrong answer.



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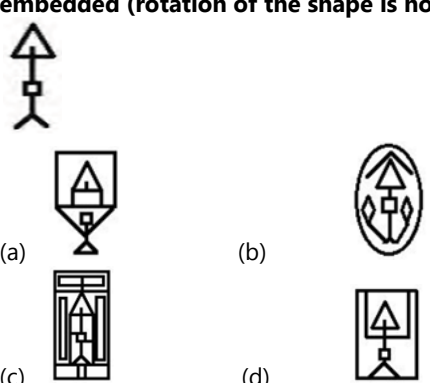
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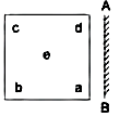
YOUR INSTITUTE NAME WITH LOGO

- Which of the following provisions of the Constitution of India can be amended by a simple majority of the Parliament?**
 - Quorum in Parliament
 - Fundamental Rights
 - Presidential election and its process
 - any list of the Seventh Schedule
- Which of the following Indian sitarists and prominent musicologists, in the early 20th century, developed a notation system and classified the musical practices of the Indian subcontinent that had previously proceeded from the oral tradition?**
 - Vishnu Narayan Bhatkhande
 - Manikchand Dubey
 - siddhar khan
 - Haji Wilayat Ali Khan
- _____ is a partially confined coastal water body where salt water from the oceans mixes with fresh water from rivers and streams.**
 - lagoon
 - delta
 - Oasis
 - estuary
- Which of the following does not provide direct credit assistance to rural households?**
 - Ministry of Finance
 - Regional Rural Bank
 - co-operative credit societies
 - agricultural trader
- What are those organisms called which give birth to young offspring?**
 - zygote (Viviparas)
 - fissile (fissile)
 - Oviparous
 - Oviparous (ovoviviparous)
- The popular dance 'Laho' is related to which Indian state?**
 - Bihar
 - Haryana
 - Meghalaya
 - Uttar Pradesh
- Elephanta Caves contain a collection of rock art belonging to the _____ sect.**
 - Vishnu
 - Buddha
 - Shiva
 - Tirthankar Mahavir
- Who among the following is the author of the book 'Saving Capitalism from the Capitalists'?**
 - Raghuram Rajan
 - Shaktikanta Das
 - Bimal Jalan
 - Urjit Patel
- Nepalese poet, Bhanubhakta Acharya, is famous for translating _____ from Sanskrit into Nepali language.**
 - yoga sutra
 - Mahabharata
 - manusmriti
 - Ramayana
- Which of the following bones is not present in infants at birth?**
 - Kneecap
 - Cheek
 - Pelvic
 - Collar
- Which of the following pairs is wrong?**
 - Ahom Dynasty – Assam
 - Gajapati Dynasty - Odisha
 - Sharqi Dynasty - Punjab
 - Mewar Dynasty - Rajasthan
- In which of the following cities is the headquarters of SEBI located?**
 - New Delhi
 - Mumbai
 - Chandigarh
 - Gandhinagar
- Which of the following is a tributary of Krishna River?**
 - Praneeta
 - Ghatprabha
 - Purna
 - Manjra
- The territorial units assigned to military commanders in the Delhi Sultanate were known as _____.**
 - iqta
 - usher
 - Kharaj
 - hundi
- The Banning of Unregulated Deposit Schemes Act was enacted in India in the year _____.**
 - 2018
 - 2020
 - 2019
 - 2021
- Lab A and Lab B are two computer rooms. If 10 students from Lab A are sent to Lab B, then the number of students in both the rooms becomes equal. If 26 students from Lab B are sent to Lab A, then the number of students in Lab A becomes three times the number of students in Lab B. What is the number of students in Lab B?**
 - 62
 - 82
 - 98
 - 78
- Study the given pattern carefully, and select the number that can come in place of the question mark (?).**

5 6 7 8 7 9 189 265 ?

 - 395
 - 409
 - 341
 - 424
- Select the option in which the given shape is embedded (rotation of the shape is not allowed).**

19. If the mirror is placed on 'AB' as per the following figure, select the correct image formed in the mirror of the given figure.



- (a) (b)
- (c) (d)

20. If 'A + B' means - 'A is the father of B', 'A @ B' means - 'A is the brother of B', and 'A & B' means - 'A, is the daughter of B', then how is P related to V according to the following expression?

S + P + R @ Q & T & V

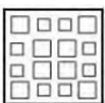
- (a) daughter in law (b) Son
(c) father in law (d) son in law
21. Select the option which is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number.

195 : 15 :: ? : 19 :: 273 : 21

- (a) 247 (b) 252
(c) 280 (d) 311

22. 'Sweater' is related to 'Wool' in the same way as 'Coins' is related to '_____'.
(a) Wealth (b) King
(c) currency (d) Metal

23. A paper is folded in a special way and many holes are made in it. When the paper is opened it looks like a question shape. From the given options, select the figure that shows how the paper was folded and holes were made in it.



- (a) (b) (c) (d)

24. Select the combination of letters which when sequentially placed at the blank spaces in the given series will complete the series.

R _ T _ T U _ _ R U _ S _ _ S T

- (a) URTSSR (b) SSTURR
(c) SRTURU (d) STURSR

25. In a certain code language, 'DEACTIVATION' is written as 'CAEDAVITNOIT'. How will 'FACILITATION' be written in this language?

- (a) ICFAATILNOIT (b) ICFTILAANOIT
(c) ICFTAAILNOIT (d) ICAFATILNOIT

26. Select the option which has the same relationship with the third term as the second term has with the first term.

SANITY : OBTZUJ :: FOSTER : ?

- (a) TGPHFU (b) TPGSFU
(c) TPESFV (d) TQGSGU

27. Four letter-clusters have been given, out of which three are alike in some manner and one is different from them. Select the different letter-cluster.

- (a) PVY (b) FLO
(c) GMQ (d) LRU

28. Read the given statements and conclusions carefully.

You have to take the information given in the statements to be true, even if it seems to be at variance with commonly known facts, and then decide which of the given conclusions logically follow(s) from the statements. Are)

Statements:

I. Some tablets are smartphones.

II. All smartphones are mobile phones.

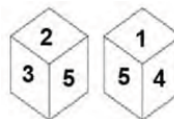
Conclusions:

I. Some mobile phones are tablets.

II. Some mobile phones are smartphones.

- (a) Neither conclusion I nor conclusion II follows. (b) Both conclusions I and II follow.
(c) Only conclusion II follows. (d) Only conclusion I follows.

29. Different positions of the same dice are shown, on whose six pages numbers are marked from 1 to 6. Select the number which will be on the page opposite to the page containing '6'.



- (a) 3 (b) 4
(c) 2 (d) 5

30. Six poets A, B, B, D, E, and F are sitting in a circle facing each other, facing the centre. A is sitting opposite to E. F is sitting next to E. A is sitting next to C. B is sitting to the immediate right of D. C is sitting opposite to B. Who is sitting fifth to the left of B?

- (a) F (b) A
(c) D (d) E

31. Which of the following statements regarding lesson plan developed by a teacher is/are correct?

I. It reflects interests and heads of students.

II. It correlates with the teacher's philosophy of education.

- (a) Only I (b) Both I and II
(c) Neither I nor II (d) Only II

32. Which of the following activities are involved in pre-active stage of Pedagogical Analysis?

I. Stating learning outcomes stating learning outcomes

II. Assessing entry competency Detecting Penetration Capacity

III. Identifying types of learning Identifying types of learning

- (a) I, II and III (b) Both II and III
(c) Both I and III (d) Both I and II

33. A change in emphasis from teaching to learning can occur through –

- (a) by encouraging memorization (b) By adopting the technique of forward teaching
(c) focusing on test results (d) By adopting a child-centered educational approach

34. Learning in the early stages of pre-neural commitment –

- (a) Neuroplasticity (b) Learning in adulthood
(c) Infant Learning (d) None of these

35. What does fMRI mean?

- (a) change in blood flow in the brain (b) Changes in magnetic fields in the brain over time
(c) both a and b (d) none of these

36. The main methods of measuring brain activity are –

- (a) erp (b) fmri
(c) eeji (d) All of the above

37. Which of the following behaviour is not one of the normal behaviour that comes under excitement?

- (a) change in the mental behaviour (b) expression of teacher behaviour
(c) change in the speech pattern (d) change in the posture pattern

38. Which of the following is not a specialty of counselling?

- (a) Environment Creation (b) Opportunities for free expression
(c) Consultant Activism (d) Personal Interview

39. Place the following stages of the counseling process in the sequence in which they are followed – Code:

- (i) Establishing empathetic understanding**
(ii) Closing and follow-up action
(iii) Initial processes

(iv) Intervention strategies

Code:

- (a) (i), (iii), (iv), (ii) (b) (i), (ii), (iv), (iii)
(c) (i), (iv), (ii), (iii) (d) (iv), (iii), (ii), (i)

40. Which of the following is correct? Which of the following is correct?

I. Inclusive and integrated education are same

II. In India, children with special needs tend to be perceived as children with disabilities.

- (a) Both I and II (b) Only I
(c) Neither I nor II (d) Only II

41. The tool helps teachers to specify how many test blanks to provide for different subjects.

- (a) Test Print (b) Test Blue Print
(c) Blue Printer (d) None of these

42. Generally, criterion referenced testing is best suited for which of the following purposes?

- (a) Comparing student achievement in a school with those nationally (b) Helping teachers know whether they have met their specific objectives
(c) Helping students determine what to do after high school (d) Both (b) and (c)

43. Which of the following is true about the traditional assessment ?

I. Based on medical model

II. Procedures are included to curriculum

- (a) Only II (b) Both I and II
(c) Only I (d) Neither I nor II

44. In the context of education, socialization means –

- (a) Respecting elders in the society (b) Adaptation and adjustment in social environment
(c) Always comply with social norms (d) Creating Your Social Norms

45. Which of the following best defines the cultural environment of a country?

- (a) standard of living and economic development (b) Heroes, Fictions, Values, Perspectives and Symbols
(c) Nationalism and community membership (d) All of the above

46. A problem which has been show cased/presented refers to a checkpoint where the unknown is to be reached after a simple battle. Who said this statement?

- (a) George Polya (b) N.J. Fyn
(c) G.N. Piaget (d) Richard Skemp

47. Which of the following is not a type of curriculum?

- (a) Competency based (b) Subject oriented
(c) Core (d) Student oriented

48. एक शिक्षक द्वारा नियोजित पाठ्यक्रम के मूल्यांकन में क्या भूमिका निभाई जाती है?
I. शिक्षक को आवश्यक रूप से औपचारिक मूल्यांकन के परिणामों की रिपोर्ट करनी चाहिए।
II. शिक्षक को मूल्यांकन और प्रगति ग्रेड के परिणामों को छात्र के साथ साझा करना चाहिए।
(a) Both I and II (b) Only I
(c) Only II (d) Neither I nor II
49. **NUEPA What is the full form of (NUEPA)?**
(a) National Instrument of Educational Planning and Administration (b) National Indian Plan of Educational Planning and Administration
(c) National Institute of Educational Planning and Administration (d) National In-Service Program of Educational Planning and Administration
50. **Which of the following principles is/are adopted by the special session on children of the United Nations General Assembly in May 2002?**
I. Educate every child
II. Nutrition for all children
III. Protect children from war
IV. Leave no child out
(a) I, II, III and IV (b) I, III and IV
(c) II, III and IV (d) I, II and III
51. **Which of the following is correct according to Right of Education Act, 2019?**
I. No child can be held back in any class or expelled till the completion of elementary education.
II. Child cannot be denied of admission because of lack in proof of age.
(a) Both I and II (b) Only I
(c) Neither I nor II (d) Only II
52. **According to National Curriculum Framework (NCF), (2005), civics is replaced by which learning area of social science in the curriculum at upper primary stage?**
(a) Society and polity (b) Social politics
(c) Political science (d) Social and political life
53. **Which of the following can be a method for involving community?**
I. Monitoring the attendance of community representatives.
II. Teaching vocational skills to students with support from community.
(a) Only II (b) Neither I nor II
(c) I and II (d) Only I
54. **What could not be the possible reason for things to go wrong in a classroom?**
(a) An external disturbance. (b) The class is out of control.
(c) A student has not come (d) An activity doesn't work
- to school
55. **If the data containing few distinct values is arranged in ascending order or descending order, then that data is known as I. Raw data II. Arrayed data**
(a) Only I (b) Neither I nor II
(c) Only II (d) Both I and II
56. **You see that students in social science class exhibit some prejudices. will be your most appropriate response.**
(a) I will stop teaching the chapter being taught (b) I will organize a discussion on the dimensions of social reality
(c) I will ignore these comments (d) Will punish the students
57. **You are teaching the topic 'Cholas' in the lesson 'New Kingdom'. Information on Tang Dynasty of China is given in the section 'Elsewhere' at the end of the lesson (Class VII, Our Past II page no. 28) Being a teacher of Social Science, what would be your educational idea while discussing this?**
(a) To make students aware of interesting facts (b) Providing students with an opportunity to reflect on China's past
(c) Comparing historical developments in different societies (d) Introducing students to world history
58. **Which skills are noticed in "picture dictation" other than drawing?**
(a) Reading (b) Singing
(c) Speaking (d) Listening
59. **What is the full form of NBT?**
(a) National Balance Trust (b) Non-balance Trust
(c) National Book Trust (d) National Biography Trust
60. **Which of the following recommendations has implications for the content of pre-service and in service teacher education programs?**
I. All teaching teachers must have a basic proficiency in English
II. All teachers should have the skills to teach English appropriately according to their conditions and levels.
(a) Both I and II (b) Neither I nor II
(c) Only I (d) Only II
61. **E-mail service stands for**
(a) Easy mail (b) Electronic mail
(c) Electromagnetic mail (d) Electric mail
62. **With reference to 'Near Field Communication (NFC) Technology,' which of the following statements is/are correct?**

1 It is a contactless communication technology that uses electromagnetic radio fields.

2 NFC is designed for use by devices which can be at a distance of even a meter from each other.

3 NFC can use encryption when sending sensitive information.

Select the correct answer using the code given below.

- (a) 1 and 2 only (b) 3 Only
(c) 1 and 3 only (d) 1, 2 and 3

63. If any information provided by dialing telephone could be seen/read elsewhere on the television screen then it is called-

- (a) Telex (b) Telefax
(c) Teletex (d) Teleprocessing

64. If you want to lock STD connected to EIOB exchange then which code will be used?

- (a) 124, ABCD, 1 (b) 124, ABCD, 2
(c) 124, ABCD, 3 (d) 124, ABCD, 0

65. For which word, the letter 'G' has been used in '2G' spectrum?

- (a) Global (b) Government
(c) Generation (d) Google

66. With reference to communication technologies, what is/are the difference/differences between LTE (Long-Term Evolution) and VoLTE (Voice over Long-Term Evolution)?

1) LTE is commonly marketed as 3G and VoLTE is commonly marketed as advanced 3G

2) LTE is data-only technology and VoLTE is Voice-only Technology.

Select the correct answer using the code given below.

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

67. Bibliometry is/

- (a) Function of Library Network (b) Information Management Service
(c) Information Management Tool (d) Library Service

68. BASIC is which of the following language?

- (a) Procedural (b) Object oriented
(c) (a) and (b) (d) None of the above

69. Which one of the following is computer high-level programming language ?

- (a) COBOL (b) PASCAL
(c) BASIC (d) All of the above

70. American telephone and telegraph has developed a computer methodology which provides atmosphere for multiple user, is called-

- (a) VGA (b) UNIX

- (c) VLSI (d) UTA

71. One who gains unauthorized access, destroys vital data, denies legitimate user's service or causes problems for their targets is called.

- (a) White Hat Hacker (b) Cracker
(c) Programmer (d) Database Administrator

72. In India, under cyber insurance for individuals, which of the following benefits are generally covered, in addition to payment for the loss of funds and other benefits?

1) Cost of restoration of the computer system in case of malware disrupting access to one's computer.

2) Cost of a new computer if some miscreant willfully damages it, if proved so.

3) Cost of hiring a specialized consultant to minimize the loss in case of cyber extortion.

4) Cost of defense in the Court of Law if any third party files a suit.

Select the correct answer using the code given below:

- (a) 1,2 and 4 only (b) 1,3 and 4 only
(c) 2 and 3 only (d) 1, 2, 3 and 4

73. The field of science which provides information about automation and communication between human and machine is called-

- (a) Hydroponics (b) Cryogenics
(c) Dietex (d) Cybernetics

74. With the present state of development, Artificial Intelligence can effectively do which of the following?

1) Bring down electricity consumption in industrial units

2) Create meaningful short stories and songs

3) Disease diagnosis

4) Text-to-Speech Conversion

5) Wireless transmission of electrical energy

Select the correct answer using the code given below:

- (a) 1, 2, 3 and 5 only (b) 1, 3 and 4 only
(c) 2, 4 and 5 only (d) 1, 2, 3, 4 and 5

75. With reference to "Blockchain Technology," consider the following statements:

It is a public ledger that everyone can inspect, but which single user controls.

The structure and design of blockchain are such that all the data in it are about cryptocurrency only.

Applications that depend on the basic features of blockchain can be developed without anybody's permission.

Which of the statements given above is/are correct?

- (a) 1 only (b) 1 and 2 only
(c) 2 only (d) 1 and 3 only

76. Which title did Babur adopt for his generosity after the Khanwa war?
(a) Jahanpanah (b) Badshah
(c) Qalandar (d) Wazirejam
77. Where is the soil of hilly region found in Haryana?
(a) on the hill of Morni (b) on the hill of Shivalik
(c) on the hill of Aravalli (d) All of the above
78. Bhiwani district of Haryana is the largest producer of mustard. Which district ranks second?
(a) Karnal (b) Rohtak
(c) Faridabad (d) Mahendragarh
79. How many power generating stations have been set up in the Western Yamuna Canal Hydroelectric Project?
(a) two (b) four
(c) eight (d) twelve
80. Where is the oldest railway station of Haryana, which was built in 1873 AD?
(a) Ambala (b) Rewari
(c) Sirsa (d) Hansi
81. Under which act the Family Court was established?
(a) Family Court Act, 1980 (b) Village Nyayalaya Act, 1976
(c) Family Court Act, 1985 (d) none of the above
82. Which provision is related to section 164 of Haryana Panchayati Raj Act, 1994 ?
(a) preparing voters' list (b) making false declaration
(c) electoral division (d) none of these
83. Which festival is organized on the Chaturthi of Krishna Paksha of Bhadrapada month (August-September)?
(a) Devothni Gyaras (b) Bhaiya Dooj
(c) Ganesh Chaturthi (d) Deepawali
84. In which city is Kanod fort located?
(a) Mahendragarh (b) Narnaul
(c) Hansi (d) Thanesar
85. Which king built the famous Brahma Sarovar of Kurukshetra?
(a) King Kuru (b) King Bharata
(c) Pandavas (d) Ashoka
86. रिक्त स्थान हेतु दिए गए विकल्पों में उचित विकल्प चुनिए -
कमल का _____ सौंदर्य भँवरे को ही आकर्षित कर सकता है, भैंस को नहीं।
(a) सौम्य (b) रम्य
(c) सौरभ (d) सुकुमार
87. ई प्रत्यय से बना शब्द है ?
(a) पहाड़ी (b) पहादि
(c) पहद (d) पाहाड
88. निम्नलिखित में से कौन 'ट' वर्ग में नहीं है ?
(a) ठ (b) ढ
(c) ध (d) ण
89. "दादी ने ढेर सारे खिलौने खरीदे।" इस वाक्य में प्रयुक्त विशेषण कौन-सा है?
(a) अनिश्चित परिमाणवाचक विशेषण (b) अनिश्चित संख्यावाचक विशेषण
(c) गुणवाचक विशेषण (d) निश्चित परिमाणवाचक विशेषण
90. इनमें से किस शब्द में उपसर्ग नहीं है ?
(a) अपमान (b) अपराध
(c) अपयश (d) अपमति
91. जिनका सम्बन्ध अध्यात्म से है- के लिए एक ही शब्द होगा:
(a) आध्यात्मिक (b) धार्मिक
(c) शास्त्रीय (d) नैतिक
92. कृताकृत का समास है
(a) तत्पुरुष (b) अव्ययीभाव
(c) कर्मधारय (d) द्विगु
93. तुम कहाँ जा रहे हो ?
वाक्य का प्रकार स्पष्ट कीजिए :
(a) विधिवाचक वाक्य (b) प्रश्नवाचक वाक्य
(c) निषेधवाचक वाक्य (d) विस्मयवाचक वाक्य
94. मुदित मनोहर मानस देखा' पंक्ति में अलंकार है -
(a) यमक (b) अनुप्रास
(c) उपमा (d) रूपक
95. निम्नलिखित में से मुहावरा कौन-सा है ?
(a) न नौ मन तेल होगा न राधा (b) दाँत खट्टे करना।
नाचेगी।
(c) नाच न जाने ऑगन टेढा। (d) दूर के ढोल सुहावने।
96. Find the word which is opposite to the highlighted word from the given options.
Opponent
(a) Viral (b) Enemy
(c) Friend (d) Foe
97. A sentence with an underlined idiomatic expression is given. What is the meaning of the idiomatic expression 'bite the bullet' in the sentence given below?
Tour operators may be forced to bite the bullet and cut prices.
(a) None of the above (b) To do something gladly
(c) To do something with a lot of enthusiasm and interest (d) To do or accept something unpleasant
98. Out of the given four words one is not spelt correctly. Find the word that is not correctly spelt.
(a) Scissors (b) Sandwich
(c) Survive (d) Success

99. Find the word which is most similar in meaning to the given word.

Minute.

- (a) Microscopic (b) Large
(c) Immense (d) Huge

100. Identify the incorrectly spelt word:

- (a) Seperate (b) Occur
(c) Receive (d) Accommodate

101. Choose the word almost opposite in meaning to the word given below:

Embellish

- (a) sacrifice (b) disfigure
(c) forfeit (d) indict

102. Choose the most appropriate answer and fill in the blanks:

The authorities seem to be _____ concerning the condition of workers.

- (a) liberal (b) insensitive
(c) ignorant (d) responsible

103. Choose the most appropriate answer and fill in the blanks:

He _____ for a walk daily in the morning.

- (a) go (b) shall go
(c) will go (d) goes

104. Choose the Antonym -
PRECISE

- (a) Indecent (b) Vague
(c) Accurate (d) Indistinct

105. Find the common error

- (a) I do not like him (b) because he makes conspiracy
(c) against me with the view to (d) enhancing his power gradually.

106. Which of the following numbers is exactly divisible by 4?

- (a) 6542176 (b) 7253566
(c) 5632654 (d) 4187290

107. Which of the following is the smallest fraction number? $\frac{6}{11}$, $\frac{13}{18}$, $\frac{15}{22}$, $\frac{19}{36}$, $\frac{5}{6}$

- (a) $\frac{19}{36}$ (b) $\frac{13}{18}$
(c) $\frac{6}{11}$ (d) $\frac{5}{6}$

108. The square root of 4624 is –

- (a) 62 (b) 72
(c) 78 (d) 68

109. Multiply 8795 by 125-

- (a) 1099375 (b) 1099345
(c) 1099305 (d) 1098375

110. The LCM of 16, 24, 36, 52 and 54 is:

- (a) 5616 (b) 5216
(c) 432 (d) 5618

111. If Anju scored 68 out of 80 marks in Hindi, 46 out of 60 marks in Mathematics, 74 out of 90 marks in Science and 35 out of 45 marks in English, then in which subject did Anju score the maximum percentage of marks?

- (a) Mathematic (b) Hindi
(c) English (d) Science

112. The cost price of two articles is Rs 200 and Rs 600. A shopkeeper earns a profit of Rs 300 by selling both. If the shopkeeper sold the first article at 34% profit, at what profit does he sell the second article?

- (a) 50% (b) 30%
(c) 20% (d) 40%

113. Goods worth Rs 6500 were purchased with a discount of 5%. The bill then included a sales tax of 4%. Find the amount of the bill.

- (a) 6500 (b) 6576
(c) 6422 (d) 6600

114. Suraj's money is four times Ravi's money. Ravi's money is sixteen times Aditya's money. What is the ratio of the money signs of Aditya and Suraj?

- (a) 64 : 1 (b) 1 : 64
(c) 1 : 24 (d) 24 : 1

115. Urmi and Lokesh started a partnership with investments of Rs 11,250 and Rs 13,125 respectively, but due to financial crisis one of them had to withdraw his investment after 8 months of his investment. In what ratio should the profits of the first 12 months be divided between the two?

- (a) 7 : 9 (b) 9 : 7
(c) 7 : 6 (d) 6 : 7

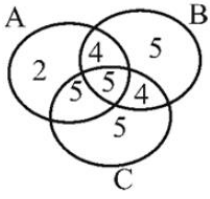
116. The sides of the triangle are 16 m, 12 m and 20 m respectively. Find the length of its longest side.

- (a) 9.2 meters (b) 9.6 meters
(c) 9.4 meters (d) 9.8 meters

117. The sum of the arithmetic mean and the geometric mean of two positive numbers is equal to the difference of those numbers. Find the ratio of those numbers.

- (a) 9 : 1 (b) 2 : 3
(c) 1 : 4 (d) 1 : 12

118. The given Venn diagram shows a total of 30 shops, which purchase three different brands of biscuits (A, B, and C) from a vendor. Every shop buys at least one brand from the seller. How many people bought brand A biscuits from the seller?



- (a) 16 (b) 20
(c) 18 (d) 30
119. If $\sec\theta + \tan\theta = 1.25$, then $\sec\theta - \tan\theta = ?$
(a) 1 (b) 0.8
(c) 0.75 (d) 0.25
120. What will be the area of the triangle with vertices (3, 5), (-2, 0) and (6, 4)?
(a) 20 square units (b) 7 square unit
(c) 10 square units (d) 14 square units
121. For every action there is an equal and opposite reaction. This law was given by :
(a) Newton (b) Albert Einstein
(c) Bohr (d) Handane
122. An example of longitudinal wave in-
(a) Radio wave (b) Sound wave
(c) X-ray (d) gamma ray
123. The number of neutrons in the nucleus of plutonium nuclide ($^{94}\text{Pu}242$) is
(a) 94 (b) 148
(c) 242 (d) 336
124. The pH of a solution changes from 3 to 6. The H^+ ion concentration will be
(a) Increase 3 times (b) Decrease 3 times
(c) Decrease 10 times (d) Decrease 1000 times
125. The numbers of sigma and pi bonds in benzene are/
(a) 3, 3 (b) 3, 6
(c) 12, 3 (d) 12, 6
126. The elements present in urea are
(a) C, H, O (b) C, N, O
(c) C, H, N (d) C, H, N, O
127. 'Acid rain' consists of the following :
(a) Acetic acid and Phosphoric acid (b) Acetic acid and Sulphuric acid
(c) Nitric acid and Sulphuric acid (d) Hydrogen chloride and Acetic acid
128. Which one of the following Noble gas is not present in the air?
(a) Helium (b) Argon
(c) Neon (d) Radon
129. Pasteurization is a-
(a) low heat treatment (b) steam treatment
(c) high heat treatment (d) Low and high heat

treatment

130. Which of the following is the highest source of Vitamin A?
(a) Orange (b) Cauliflower
(c) carrot (d) Sugarcane
131. Which vectors are carried by Anopheles mosquitoes (choose the correct option)
1) Malaria, 2) Filariasis, 3) Dengue Codes:
(a) only 1 (b) only 2
(c) 1 and 2 (d) 1 and 3
132. What is the function of phloem in plants?
(a) transport of food from leaves to other parts of the plant (b) transport of water from leaves to other parts of the plant
(c) transport of light from leaves to other parts of the plant (d) transport of sodium from leaves to other parts of the plant
133. The instrument by which the diameter of the trunk of a tree is measured is called-
(a) Rasakashta (b) Wood inside
(c) tylosis (d) Dendrogram
134. Self pollination is
(a) Rice (b) Coffee
(c) Sugarcane (d) Tea
135. From which tree is turpentine oil obtained?
(a) teak (b) Oak
(c) rosewood (d) Cedar
136. Match the following:
- | | |
|--------------------|-----------------------|
| i. गुर्जर प्रतिहार | a. पश्चिमी दक्कन |
| ii. राष्ट्रकूट | b. बंगाल |
| iii. पाल | c. गुजरात और राजस्थान |
| iv. चोल | d. तमिलनाडु |
- (a) i - c, ii - a, iii - b, iv - d (b) i - a, ii - b, iii - c, iv - d
(c) i - b, ii - c, iii - a, iv - d (d) i - d, ii - b, iii - a, iv - c
137. Which of the following pairs is not correctly matched?
- | फसल | अग्रणी उत्पादक राज्य (भारत) |
|---------|-----------------------------|
| A. चाय | असम |
| B. जूट | पश्चिम बंगाल |
| C. कॉफी | कर्नाटक |
| D. रबड़ | तमिलनाडु |
- (a) A (b) B
(c) C (d) D
138. Which of the following is a subject of concurrent list ?

YOUR INSTITUTE NAME WITH LOGO

- (a) Communications (b) Computer software
(c) Police (d) Marriage

139. The basis of the creation of new states by the first State Reorganisation Commission formed after the Independence of India was :

- (a) Culture (b) Language
(c) Religion (d) Geographical conditions

140. Find out the areas in which democratic systems have not been very successful in:

- (a) maintaining peace and order (b) reducing economic inequalities
(c) maintaining dignity and freedom of the citizens (d) maintaining accommodation of social diversity

141. Which economist is not related to Indifference curve method ?

- (a) Hicks (b) Pareto
(c) Allen (d) Marshall

142. As per Census 2011, what is the correct, increasing order of three lowest sex ratio States of India ?

- (a) Haryana < Sikkim < Punjab (b) Haryana < Jammu & Kashmir < Sikkim
(c) Haryana < Sikkim < Jammu & Kashmir (d) Haryana < Punjab < Sikkim

143. "Trade Cycle" is not related to

- (a) Price level in economy (b) Production level
(c) Employment level (d) Political party in government

144. In India, seats are kept reserved in local self governing bodies for

- (a) only for scheduled castes (b) only for women
(c) only for scheduled castes, schedule tribes and women (d) scheduled castes, scheduled tribes, other backward classes and women

145. What was the name of 'Political Alliance' formed in Nepal in 2006 for the support of democracy ?

- (a) For democracy (b) Hope
(c) Seven Party Alliance (d) Democracy for Peace

146. Who wrote Prayag Prashasti ?

- (a) Harishena (b) Kalhan
(c) Harshavardhana (d) Kalidas

147. Calculate the 'Mode':

- 7, 12, 8, 5, 6, 4, 9, 10, 8, 9, 7, 9, 6, 5, 9**
(a) 15 (b) 9
(c) 5 (d) 11

148. The mother of Shah Jahan was

- (a) Kachhwaha Princess (b) Sisodiya Princess

- (c) Rathore Princess (d) Chauhan Princess

149. Typhoon originates at

- (a) North Atlantic Ocean (b) North-West Pacific Ocean
(c) South Indian Ocean (d) South Pacific Ocean

150. Who composed 'Harshacharita' ?

- (a) Kalidas (b) Harishena
(c) Banbhata (d) Ravikirti