APSSB
UDC

Previous Year Paper
24th Nov, 2019

Series

D

CODE : ACV/1/20

Write here Roll Number and Answer Sheet No.

Roll No.

Answer Sheet No.

Duration : 3 Hours
Total Marks : 300

Declaration by Invigilator :
I Certify that I have checked that the Roll Number and the Answer Sheet Number written by the Candidate on the question paper and the OMR Sheet are correct and the Answer Sheet Number matches the Question Booklet Number exactly.

Signature of the Invigilator with Name

Declaration by Candidate :
I undertake not to employ any unfair means in this exam. I have checked the Question Booklet Number and the Answer Sheet Number and both are identical and have been correctly entered by me wherever indicated.

Signature of the Candidate with Name

Read the following instructions carefully before you begin to answer the questions.

IMPORTANT INSTRUCTIONS TO CANDIDATES

1. The Roll No. is a **7** digit No., the candidate needs to circle the Roll No. in the Answer Sheet.

2. The appropriate Circle should be shaded for Roll No. This should be done carefully because only the shaded circles are scanned.

3. Valuation of Answer Sheet will be done on the computer. Candidate should not make any stray marks on the Answer Sheet, tamper with or mutilate it. Otherwise it will not be evaluated.

4. Please check all the pages of the Booklet carefully. In case of any defect, please ask the Invigilator for replacement of the Booklet.

5. You must not tear off or remove any sheet from this Booklet. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.

6. All questions are compulsory and each Question carries **2** marks.

7. **The paper carries negative markings. For each wrong answer 0.50 mark will be deducted.**

8. This Booklet contains 150 questions. Candidates must note that there will be 3 Sections in the question paper :

Sections	Test Components	No. of Questions	Page No.
A	General English	1-50	5 – 10
B	General Knowledge	51-100	11 –16
C	Elementary Mathematics	101-150	17 – 23

9. Use of Calculator/Palmtop/Laptop/Other Digital Instrument/Mobile/Cell Phone/Pager is **not** allowed.

10. Candidates found guilty of misconduct/using unfair means in the Examination Hall will be liable for appropriate penal/legal action.

11. **No Rough Work is to be done on the Answer Sheet and only single OMR Answer Sheet will be provided.**

12. This booklet contains **24** pages.

13. **Directions :** Each question or incomplete statement is followed by four alternative suggested answers or completions. In each case, you are required to select the one that correctly answers the question or completes the statement and blacken (●) appropriate circle a, b, c or d by Blue / Black Ball-Point Pen against the question concerned in the Answer Sheet.

14. Mark your answer by shading the appropriate circle against each question. The circle should be shaded completely without leaving any space. The correct method of shading is given below.

Wrong Method	Wrong Method	Wrong Method	Correct Method
○ ⊗ ○ ○	○ ⊘ ○ ○	○ ⊙ ○ ○	○ ● ○ ○

The Candidate must mark his/her response after careful consideration, as it is not possible to change the response once it is marked.

15. There is only one correct answer to each question. You should blacken (●) the circle of the appropriate column, viz., a, b, c or d. If you blacken (●) more than one circle against any one question, the answer will be treated as wrong.

16. Use the space for rough work given at the beginning of the Question Booklet only and not on the Answer Sheet.

17. **You are NOT required to mark your answers in this Booklet. All answers must be indicated in the Answer Sheet only.**

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SECTION – A
(General English)

Identify the part of speech of the underlined words from among the choices given below each sentence :

1. <u>Akbar</u> was a great king.
   (a) Noun
   (b) Pronoun
   (c) Adjective
   (d) Verb

2. He worked the sum <u>quickly</u>.
   (a) Verb
   (b) Adverb
   (c) Adjective
   (d) Pronoun

Add suitable question tags to the following statement from among the choices given below them :

3. All the children went to bed at 9 p.m. _____ ?
   (a) did they
   (b) didn't they
   (c) weren't they
   (d) none of these

Fill in the blanks in the following sentence with the right options given below them :

4. My father is the _____ member of our family.
   (a) elder
   (b) eldest
   (c) older
   (d) oldest

Fill in the blanks with appropriate articles from the alternatives given below each sentence :

5. I bought a house in Delhi. _____ house is in a rural area.
   (a) A
   (b) An
   (c) The
   (d) None of these

6. I saw _____ child in the park.
   (a) an
   (b) the
   (c) a
   (d) none of these

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7. He drives 60 kilometers _____ hour.

   (a) a   (b) the

   (c) an   (d) no article required

8. He wants to become _____ actor.

   (a) an   (b) the

   (c) a   (d) none of these

Fill in the blanks with the right choice from the alternatives given below each sentence :

9. He is my _____ brother.

   (a) elder   (b) older

   (c) eldest   (d) oldest

10. This is the _____ news.

   (a) later   (b) latter

   (c) latest   (d) eldest

11. Your house is _____ from the school than mine.

   (a) farther   (b) further

   (c) fewer   (d) none of these

12. I could not hear the _____ part of his speech.

   (a) later   (b) latter

   (c) latest   (d) last

Fill in the blanks with the correct forms of the verbs given below each sentence :

13. My scissors _____ missing.

   (a) is   (b) was

   (c) are   (d) am

14. The wages of sin _____ death.

   (a) are   (b) were

   (c) has   (d) is

Fill in the blanks by choosing the appropriate modals from the alternatives given below each sentence :

15. He tried to solve the sum but _____ not.

    (a) can   (b) could   (c) may   (d) might

16. _____ that I were rich !

    (a) Shall   (b) Will   (c) Should   (d) Would

17. Had you worked hard, you _____ have passed the examination.

    (a) shall   (b) will   (c) should   (d) would

18. Those who live in glass houses _____ not throw stones at others.

    (a) shall   (b) should   (c) will   (d) would

Read each sentence to find out whether there is any error in it. The error, if any, will be in one part of the sentence. The alphabet of that part is the answer :

19. The bright/lamps/gave much/lights.
     (a)   (b)   (c)   (d)

20. Anyone of/the two ministers/was not available/for comments.
     (a)   (b)   (c)   (d)

21. Each book/and each pen/are costly/in its appearance.
     (a)   (b)   (c)   (d)

Fill in the blanks with the antonyms (opposite in meaning) of the words underlined from the choices given below them :

22. The doctors say that _____ BP could sometimes be more dangerous than high BP.

    (a) low   (b) partial   (c) full   (d) up

23. The stranded fish opened and _____ its mouth before it died.

    (a) present   (b) closed

    (c) gaped   (d) none of these

24. Deductive logic consists of moving from the general to the _____.

    (a) particular   (b) public   (c) negative   (d) common

Fill in the blanks in the following sentences with the correct forms of the words given in brackets from the alternatives given below them :

25. The huge fort was _____ for safety. (construction)
    (a) construct
    (b) constructs
    (c) constructed
    (d) construction

26. During winter, the mountain peaks are _____ covered with snow. (complete)
    (a) complete
    (b) completed
    (c) completely
    (d) completingly

Fill in the blanks with the adverbs choosing from the alternatives given below each sentence :

27. He was _____ tired.
    (a) much   (b) very   (c) more   (d) too

28. The soldier fought _____.
    (a) politely   (b) bravely
    (c) loudly   (d) tunefully

29. She ran _____.
    (a) soon   (b) noisily
    (c) fast   (d) bravely

Find out the wrongly spelt word from the alternatives given in each question :

30. (a) exist   (b) attempt   (c) corespond   (d) magnific

31. (a) tyre   (b) aluminiam   (c) jewellery   (d) defence

32. (a) programme   (b) vigil   (c) differ   (d) atend

Fill in the blanks in the following sentences with appropriate words from the alternatives given below them :

33. We have to go _____ many ups and downs in our lives.
    (a) threw   (b) through
    (c) throw   (d) thorough

34. One shouldn't _____ all one's savings into materialistic pleasures.
    (a) pour   (b) pore   (c) poar   (d) poor

35. Grapes grow on _____.
    (a) whines   (b) vines
    (c) wines   (d) none of these

Choose the right/apt collective nouns from the alternatives given below each sentence and fill in the blanks :

36. A _____ of cattle was grazing in the forest.
    (a) flock   (b) herd   (c) swarm   (d) crew

37. Our _____ won the match by two goals.
    (a) team   (b) flock   (c) herd   (d) fleet

38. We saw a _____ of ships in the harbour.
    (a) committee   (b) jury   (c) fleet   (d) swarm

Fill in the blanks with appropriate prepositions from the alternatives given below them :

39. She tripped as she walked _____ the stairs.
    (a) down   (b) of   (c) in   (d) at

40. A couple of policemen were _____ his door to provide security.
    (a) in   (b) from   (c) at   (d) on

41. He lives _____ Pipri in Goa.
    (a) in   (b) at   (c) on   (d) upon

42. My shop is right _____ the main road.
    (a) in   (b) at   (c) on   (d) by

Fill in the blanks by choosing the correct connector given below each sentence :

43. A student will fail _____ he does not work hard.

    (a) because   (b) if

    (c) until   (d) though

44. He was late _____ it was raining heavily.

    (a) while   (b) after

    (c) that   (d) because

45. We must leave now _____ it is getting dark.

    (a) as long as   (b) as soon as

    (c) when   (d) since

46. She has changed a lot _____ I saw her last.

    (a) when   (b) before

    (c) since   (d) as

Choose the correct synonyms (same in meaning) of the words underlined from the alternatives given below them :

47. The speaker elucidated the problems of inflation.

    (a) debated   (b) enumerated

    (c) explained   (d) discussed

48. I wonder when the rains will cease.

    (a) start   (b) continue

    (c) stop   (d) spread

49. Most of the reptiles have coarse skin.

    (a) smooth   (b) spotted

    (c) rough   (d) tender

50. It took quite some time for him to regain his equilibrium.

    (a) balance   (b) respect

    (c) energy   (d) reputation

SECTION – B
(General Knowledge)

51. D Ering Wildlife Sanctuary is located near
    - (a) Bomdila
    - (b) Pasighat
    - (c) Tezu
    - (d) Khonsa

52. Hangpan Dada Memorial Trophy is related to
    - (a) Football
    - (b) Karate
    - (c) Wushu
    - (d) Hockey

53. Electric current is measured in
    - (a) Volts
    - (b) Watts
    - (c) Amperes
    - (d) Ohms

54. In computers, graphical pictures that represent objects like folders, files etc. are called
    - (a) Task bar
    - (b) Icons
    - (c) Windows
    - (d) Desktops

55. Which acid is found in gastric juice ?
    - (a) Sulfuric acid
    - (b) Citric acid
    - (c) Acetic acid
    - (d) Hydrochloric acid

56. The first Indian State to go completely organic is
    - (a) Assam
    - (b) Meghalaya
    - (c) Sikkim
    - (d) Manipur

57. First Home Minister of India
    - (a) Rajendra Prasad
    - (b) Sardar Patel
    - (c) K. M. Munshi
    - (d) C. Rajgopalachari

58. Summer rains in Arunachal Pradesh are mostly due to
    - (a) North West Monsoon
    - (b) North East Monsoon
    - (c) South East Monsoon
    - (d) South West Monsoon

59. Which district does not share border with China ?

    (a) Tawang   (b) Lower Siang

    (c) Upper Subansiri   (d) Anjaw

60. SAUBHAGYA Scheme of Govt. of India is related to

    (a) Water supply   (b) Health

    (c) Electrification   (d) Sanitation

61. "Geostationary Satellite" completes one orbit of the earth in

    (a) One hour   (b) One day

    (c) One month   (d) One year

62. Which of the following passes through India ?

    (a) Equator   (b) Arctic circle

    (c) Tropic of Cancer   (d) Tropic of Capricorn

63. Which of the following is a measure of inflation ?

    (a) Gross Domestic Product (GDP)   (b) Per Capita Income (PCI)

    (c) Consumer Price Index (CPI)   (d) All of the above

64. Which of the following metals is found in nature in a pure form ?

    (a) Sodium   (b) Zinc

    (c) Iron   (d) Gold

65. Speaker of Arunachal Pradesh Legislative Assembly is

    (a) P. D. Sona   (b) Alo Libang

    (c) Lombo Tayeng   (d) Ninong Ering

66. Azad Hind Fauz of Netaji Subhash Chandra Bose was formed in which country ?

    (a) India   (b) Germany

    (c) Japan   (d) Singapore

67. Gastroenterologist is a specialist of

    (a) Heart   (b) Kidney

    (c) Lungs   (d) Digestive system

68. Youngest mountain system of the world is
    (a) Himalayas
    (b) Aravalis
    (c) Rockies
    (d) Atlas

69. Which State has highest literacy rate ?
    (a) Gujarat
    (b) Assam
    (c) Kerala
    (d) Punjab

70. The term 'NPA' in banking sector is related to
    (a) Bad loans
    (b) Good loans
    (c) High value loans
    (d) Agriculture sector loans

71. Number of squares on a chess board
    (a) 32
    (b) 64
    (c) 100
    (d) 128

72. Which planet is smaller in size than Earth ?
    (a) Mars
    (b) Jupiter
    (c) Saturn
    (d) Uranus

73. Tipu Sultan ruled over
    (a) Punjab
    (b) Hyderabad
    (c) Mysore
    (d) Awadh

74. In India, the French established a colony at
    (a) Goa
    (b) Daman
    (c) Pondicherry
    (d) Fort William

75. Milk is a poor source of
    (a) Lactose
    (b) Iron
    (c) Protein
    (d) All of the above

76. Supreme Commander of the Armed Forces in India is
    (a) Defence Minister
    (b) Chief of Army Staff
    (c) President of India
    (d) Chief of Defence Staff

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77. A stick immersed in water appears bent due to the property of
(a) Reflection
(b) Refraction
(c) Interference
(d) Diffraction

78. Which High Court has jurisdiction over Arunachal Pradesh ?
(a) Naharlagun High Court
(b) Itanagar High Court
(c) Guwahati High Court
(d) Arunachal High Court

79. Highest ranking Police Official in Arunachal Pradesh
(a) Inspector General
(b) Director General
(c) Major General
(d) Governor General

80. Which is not a good source of proteins ?
(a) Pulses
(b) Meat
(c) Green Vegetables
(d) Eggs

81. Citizenship Amendment Act (CAA) does not mention the following country
(a) Pakistan
(b) Bangladesh
(c) Afghanistan
(d) Bhutan

82. Which is an unreserved constituency in Arunachal Pradesh ?
(a) Pasighat
(b) Tezu
(c) Diyum-Bordumsa
(d) Bomdila

83. Which is the state flower of Arunachal Pradesh ?
(a) Rose
(b) Jasmine
(c) Lotus
(d) Foxtail Orchid

84. BCG vaccine is related to
(a) Polio
(b) Chickenpox
(c) TB
(d) Measles

85. BHIM App is related to
(a) Health
(b) Communication
(c) Digital payment
(d) Calculation

86.

87.

88.

89.

90.

91.

92.

D

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86. The recent movie 'Panipat' which depicts the battle between the forces of Marathas and Ahmed Shah Abdali is a depiction of

   (a) First battle of Panipat

   (b) Second battle of Panipat

   (c) Third battle of Panipat

   (d) Fourth battle of Panipat

87. In the windows operating system, the number of sub-folders which a folder may have is

   (a) One   (b) Seven

   (c) Fifty   (d) Unlimited

88. Which is an image file format ?

   (a) .wav   (b) .mpeg

   (c) .jpg   (d) all of the above

89. Which commands should be used when you want to add a slide to an existing presentation in PowerPoint ?

   (a) File, add a new slide   (b) Insert, new slide

   (c) File, open   (d) File, new

90. In Microsoft Word, which of the following enables us to send the same letter to different persons ?

   (a) Dispatch   (b) Mail merge

   (c) Macros   (d) None of the above

91. Scientific name of 'Mithun' is

   (a) Bos indica   (b) Bos mithun

   (c) Bos frontalis   (d) Bos arunachali

92. Which climatic zone is not found in Arunachal Pradesh ?

   (a) Arid   (b) Subtropical

   (c) Temperate   (d) Alpine

93. The Indian player Koneru Humpy is associated with

   (a) Judo
   (b) Chess
   (c) Badminton
   (d) Swimming

94. First Indian man to win Gold in Wushu World Championship ?

   (a) Praveen Kumar
   (b) Rakesh Singh
   (c) Dinesh Singh Bhurla
   (d) Santokh Pal

95. Which organization is responsible for airport security in India ?

   (a) CRPF
   (b) CISF
   (c) BSF
   (d) ITBP

96. In Microsoft Word, the command Ctrl + N is used to

   (a) Save document
   (b) Open document
   (c) New document
   (d) Close document

97. In Chrome browser, short cut Ctrl + F is used for

   (a) Opening find dialog box
   (b) Open page setup dialog box
   (c) Open font dialog box
   (d) Open file save dialog box

98. Statistical calculations and preparation of tables and graphs can be done using

   (a) Notepad
   (b) Excel
   (c) Chrome
   (d) Photoshop

99. In Microsoft Excel, columns are labelled as

   (a) A, B, C etc.
   (b) 1, 2, 3 etc.
   (c) A1, A2 etc.
   (d) $1, $2 etc.

100. Basic unit in which data is entered in Microsoft Excel is

   (a) Cell
   (b) Table
   (c) Box
   (d) Row

SECTION – C
(Elementary Mathematics)

101. The average age of 10 boys in a class is 13 years. What is sum of their ages ?

    (a) 130   (b) 120

    (c) 150   (d) 180
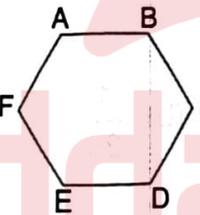
102. A triangle having all 3 unequal sides is called

    (a) Isosceles triangle   (b) Scalene triangle

    (c) Equilateral triangle   (d) None of these

103. Which of the following is not true ?

    (a) All the sides of a rhombus are of equal length

    (b) Opposite sides of a trapezium are parallel

    (c) Diagonals of a square are perpendicular to each other

    (d) Each angle of a rectangle is a right angle

104. The polygon in the figure is called a

    (a) Parallelogram   (b) Hexagon

    (c) Quadrilateral   (d) Octagon

105. After revaluation a student's marks was changed from 80 to 92. The percentage increase in marks is

    (a) 10%   (b) 15%   (c) 17%   (d) 20%

106. $0.75 + 2 + 10.25 =$

    (a) 12   (b) 14

    (c) 13   (d) 12.95

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107. Which is the smallest fraction among the following fraction ?

3/5, 1/5, 2/5, 4/5

(a) 1/5   (b) 3/5

(c) 2/5   (d) 4/5

108. Naresh walked 2 km 35 m in the morning and 1 km 7 m in the evening. How much distance did he walk in all ?

(a) 3 km 42 m   (b) 342 m

(c) 342 km   (d) None of these

109. 2580 grams is

(a) 2.580 kg   (b) 25.80 kg

(c) 0.2580 kg   (d) None of these

110. Express 0.04 as a fraction.

(a) $\dfrac{4}{90}$ (b) $\dfrac{1}{25}$

(c) $\dfrac{4}{10}$ (d) None of these

111. Value of $-15-(-18)=$

(a) -3 (b) -33

(c) 3   (d) None of these

112. If $13 + x = 0$, then $x =$

(a) 0   (b) $\dfrac{1}{13}$

(c) -13 (d) None of these

113. Subtracting − 4 from − 10, we get
    (a) 6
    (b) − 6
    (c) 14
    (d) − 14

114. Tarun bought 1670 pens and Arun bought 1850 pens from a wholeseller. What is total number of pens bought by them ?
    (a) 3520
    (b) 3420
    (c) 3320
    (d) 3120

115. Greatest number among the options is
    (a) 4536
    (b) 4892
    (c) 4379
    (d) 4899

116. $837 + 208 + 363 =$
    (a) 1308
    (b) 1408
    (c) 1407
    (d) 1409

117. Which of the following will not represent zero ?
    (a) $1 + 0$
    (b) 0×0
    (c) $\dfrac{0}{10}$
    (d) $\dfrac{10 - 10}{5}$

118. If $\dfrac{t}{5} = 10$, then t =
    (a) 2
    (b) 5
    (c) 50
    (d) $\dfrac{1}{2}$

119. Among the numbers 590, 720, 840 and 920 which is divisible by both 5 and 9 ?
    (a) 590
    (b) 720
    (c) 840
    (d) 920

120. The number of common factors of 4 and 18 is
    (a) 1
    (b) 2
    (c) no common factor (0)
    (d) None of these

D
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121. If there are 20 girls and 15 boys in a class, the ratio of number of girls to the number of boys is

    (a) 3 : 4
    (b) 4 : 3
    (c) 2 : 1
    (d) 5 : 3

122. The ratio of 55 paise to ₹ 1 is

    (a) 11 : 20
    (b) 20 : 11
    (c) 55 : 1
    (d) None of these

123. If ₹ 60 is divided in the ratio 1 : 2 among Mr. A and Mr. B respectively, then share of Mr. B is

    (a) ₹ 40
    (b) ₹ 30
    (c) ₹ 20
    (d) None of these

124. If cost of 5 kgs of rice is ₹ 200, then the cost of 10 kgs of rice is

    (a) ₹ 300
    (b) ₹ 400
    (c) ₹ 500
    (d) None of these

125. If 2 : 3 : : x : 9, then x =

    (a) 4
    (b) 5
    (c) 6
    (d) 3

126. The smallest 3 digit number which is exactly divisible by 6, 8 and 12 is

    (a) 148
    (b) 120
    (c) 100
    (d) 102

127. Priya invested ₹ 6,000 for 3 years and received ₹ 1,080 as interest. The rate of interest is

    (a) 5%
    (b) 4.75%
    (c) 5.93%
    (d) 6%

128. Two distinct lines meeting at a point are called
    (a) parallel lines
    (b) non-intersecting lines
    (c) intersecting lines
    (d) none of these

129. The number of right angles turned through by the hour hand of a clock when it goes from 3 to 6 is
    (a) 0
    (b) 1
    (c) 2
    (d) $\frac{1}{2}$

130. Where will the hand of a clock stop if it starts at 12 and makes $\frac{1}{2}$ of a revolution, clockwise ?
    (a) 9
    (b) 3
    (c) 12
    (d) 6

131. $\frac{2}{5} + \frac{1}{3} =$
    (a) $\frac{3}{8}$
    (b) $\frac{2}{15}$
    (c) $\frac{11}{15}$
    (d) None of these

132. $2\frac{4}{5} + 3\frac{5}{6} =$
    (a) $\frac{199}{30}$
    (b) $\frac{23}{30}$
    (c) $\frac{37}{11}$
    (d) None of these

133. $\frac{7}{7} - \frac{5}{7} =$
    (a) $\frac{2}{7}$
    (b) $\frac{12}{14}$
    (c) $\frac{1}{7}$
    (d) None of these

D

134. How many zeroes are there in the number one crore ?

    (a) 6   (b) 7   (c) 8   (d) 9

135. If $x - \dfrac{5}{8} = \dfrac{1}{4}$, then $x =$

    (a) $\dfrac{7}{8}$ (b) $\dfrac{9}{8}$

    (c) $\dfrac{6}{8}$ (d) None of these

136. The descending order of the numbers 840, 350, 789, 995 is

    (a) 350, 789, 840, 995   (b) 995, 840, 789, 350

    (c) 840, 789, 350, 995   (d) None of these

137. If a famous cricket player so far scored 6890 runs and wishes to complete 10000 runs, then he must score how many more runs ?

    (a) 4010   (b) 3110

    (c) 3010   (d) 4110

138. If two girls each save ₹ 25 every month, then how much money is saved by them in total every month ?

    (a) ₹ 50   (b) ₹ 25   (c) ₹ 100   (d) ₹ 75

139. If $x - 2 = 7$, then $x =$

    (a) 5   (b) -5 (c) 9   (d) None of these

140. A vessel has 4 litres and 500 ml of milk. In how many glasses, each of 25 ml capacity, can it be filled ?

    (a) 160   (b) 18

    (c) 180   (d) 165

141. The greatest prime number between 1 and 10 is

    (a) 9   (b) 7

    (c) 5   (d) 8

142. Aruna has only ₹ 1 and ₹ 2 coins with her. If the total number of coins that she has is 50 and the amount of money with her is ₹ 75, then number of ₹ 2 coins are

(a) 15

(b) 25

(c) 20

(d) None of these

143. HCF of 30 and 42 is

(a) 6

(b) 210

(c) 90

(d) 3

144. HCF of two consecutive even numbers is

(a) 1

(b) 2

(c) 4

(d) None of these

145. LCM of 6 and 18 is

(a) 24

(b) 6

(c) 18

(d) None of these

146. If one copy of a newspaper has 10 pages, then total number of pages in 11500 copies is

(a) 11500

(b) 101500

(c) 115000

(d) None of these

147. Value of $(5 + 3) \times (6 - 4)$ is

(a) − 16

(b) 12

(c) 16

(d) 48

148. In Roman numerals, 60 is written as

(a) LX

(b) CX

(c) XL

(d) XXXXXX

149. 100 centimetres means

(a) 10 metres

(b) 1 metre

(c) 0.1 metre

(d) $\frac{1}{2}$ metre

150. If $6 = z + 2$, then $z =$

(a) 8

(b) − 4

(c) 2

(d) 4