

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

SERIES : I

## QUESTION BOOKLET

Subjects : General English, General Knowledge and Arithmetic &amp; Aptitude

Full Marks : 300

Time Allowed : 2½ Hours

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

## INSTRUCTIONS TO CANDIDATES

1. This Booklet contains **150 questions** to be answered in a separate OMR Answer Sheet using Black Ballpoint Pen in the following three Parts :

<b>Part—A</b>	<b>: General English</b>	<b>: 50 questions</b>
<b>Part—B</b>	<b>: General Knowledge</b>	<b>: 50 questions</b>
<b>Part—C</b>	<b>: Arithmetic &amp; Aptitude</b>	<b>: 50 questions</b>

2. All questions are compulsory.
3. You will be supplied the Answer Sheet separately by the Invigilator. You must complete the details of particulars asked for.
4. Answer must be shown by completely blackening the corresponding circle in the Answer Sheet against the relevant question number by Black Ballpoint Pen. OMR Answer Sheet without marking Series shall not be evaluated.

**Example :**

Suppose the following question is asked :

**The Capital of Meghalaya is**

- (A) Guwahati  
(B) Kohima  
(C) Shillong  
(D) Delhi

You will have four alternatives in the Answer Sheet for your response corresponding to each question of the Question Booklet as below :

(A) (B) (C) (D)

In the above illustration, if your chosen response is alternative (C), i.e., Shillong, then the same should be marked on the Answer Sheet by blackening the relevant circle with a Black Ballpoint Pen only as below :

(A) (B) (C) (D)

**The example shown above is the only correct method of answering.**

5. Answer the questions as quickly and as carefully as you can. Some questions may be difficult and others easy. Do not spend too much time on any one question.
6. There will NOT be any negative marking for wrong answers.
7. The Answer Sheet must be handed over to the Invigilator before you leave the Examination Hall.
8. No Rough Work is to be done on the Answer Sheet. Space for Rough Work has been provided in the Question Booklet.

SEAL

**PART—A : GENERAL ENGLISH**

( Marks : 100 )

Each question carries 2 marks

**Directions (Q. Nos. 1-5) :** In these questions, some of the sentences have errors and some have none. Find out which part of a sentence (A), (B), (C) has an error and select that part as an answer. If there is no error, then (D) is the answer.

1. Beautiful is in / the eye of  
(A) (B)  
the beholder. / No error  
(C) (D)
2. If it will rains this afternoon /  
(A)  
we will have to / cancel the picnic. /  
(B) (C)  
No error  
(D)
3. The policeman arrested the man on  
(A)  
suspicion / and took him / to the  
(B)  
police station. / No error  
(C) (D)
4. When he visited the doctor / the doctor  
(A)  
told John that he should gone /  
(B)  
to the hospital immediately. / No error  
(C) (D)
5. Exhausted by / the work /  
(A) (B)  
we had a short rest. / No error  
(C) (D)

**Directions (Q. Nos. 6-15) :** In the following questions, sentences are given with blanks to be filled in with an appropriate and suitable word. Four alternatives are suggested for each question. Choose the correct alternative out of the four.

6. The show \_\_\_\_ now.  
(A) will begin  
(B) began  
(C) must be beginning  
(D) had begun
7. She was not used \_\_\_\_ in a dormitory.  
(A) on living  
(B) to live  
(C) to living  
(D) to lived
8. He had his blood pressure \_\_\_\_ recently.  
(A) checking  
(B) checked  
(C) checked out  
(D) to check
9. Pure science \_\_\_\_ a relentless search for truth.  
(A) are (B) were  
(C) is (D) be
10. \_\_\_\_ the money, the thief ran down the street as fast as he could.  
(A) Having stolen  
(B) Being stealing  
(C) After stolen  
(D) By stealing

11. My friend \_\_\_\_\_ remembered to call me this morning.

- (A) must had
- (B) have
- (C) should have
- (D) would have

12. He dare not \_\_\_\_\_ there.

- (A) goes
- (B) to go
- (C) going
- (D) go

13. She must \_\_\_\_\_ here by now.

- (A) been
- (B) being
- (C) be not
- (D) be

14. To \_\_\_\_\_ is a healthy exercise.

- (A) walked
- (B) have walked
- (C) walk
- (D) be walking

15. Neither Ravi \_\_\_\_\_ his brother attended the class yesterday.

- (A) and
- (B) or
- (C) without
- (D) nor

**Directions (Q. Nos. 16-25) : In these questions, out of the four alternatives given, choose the one which best expresses the meaning of the underlined word.**

16. A person in power is bound by restrictions and restraints.

- (A) chains
- (B) control
- (C) weakness
- (D) None of the above

17. He had to abdicate the throne of the British Empire.

- (A) to give up officially
- (B) to ascend
- (C) to inherit
- (D) None of the above

18. Most great men on the annals of history have practised simple living and high thinking.

- (A) books
- (B) treasures
- (C) records
- (D) None of the above

19. Elaborate living is sometimes more conducive to the service of humanity.

- (A) favourable
- (B) unsuitable
- (C) profitable
- (D) None of the above

20. The poor beseech the rich to give them equal opportunities.

- (A) curse
- (B) order
- (C) entreat
- (D) None of the above

21. The transactions between the two men were illegal.

- (A) exchanges
- (B) dealing
- (C) settlements
- (D) All of the above

22. In many cases, affluent parents of girls are responsible for offering dowry.

- (A) rich
- (B) wealthy
- (C) well-off
- (D) All of the above

23. The price of the necklace is exorbitant.

- (A) less
- (B) excessively high
- (C) not too high
- (D) None of the above

24. Many people think science is the harbinger of all progress.

- (A) opponent
- (B) enemy
- (C) rival
- (D) None of the above

25. The violent protests are disrupting the progress of the company.

- (A) disturbing
- (B) encouraging
- (C) corrupting
- (D) punishing

**Directions (Q. Nos. 26-35) : Fill in the blanks with the appropriate preposition from the options given.**

26. This is the room \_\_\_\_\_ which I slept.

- (A) on
- (B) in
- (C) under
- (D) beyond

27. What are you looking \_\_\_\_\_?

- (A) at
- (B) about
- (C) without
- (D) with

28. He is \_\_\_\_\_ suspicion.

- (A) inside
- (B) about
- (C) within
- (D) above

29. He will come \_\_\_\_\_ lunch.

- (A) by
- (B) beside
- (C) before
- (D) into

30. I am writing a thesis \_\_\_\_\_ Shakespeare.

- (A) against
- (B) over
- (C) of
- (D) on

31. The River Thames flows \_\_\_\_\_ London.

- (A) on
- (B) inside
- (C) through
- (D) under

32. I heard it \_\_\_\_\_ the radio.

- (A) over
- (B) inside
- (C) through
- (D) from

33. Do not feel envious \_\_\_\_\_ another person's success.

- (A) against
- (B) with
- (C) to
- (D) of

34. His case is \_\_\_\_\_ consideration.

- (A) at
- (B) in
- (C) with
- (D) under

35. They were dancing \_\_\_\_\_ joy.

- (A) beyond
- (B) with
- (C) in
- (D) beside

**Directions (Q. Nos. 36-45) :** In these questions, four alternatives are given for the given idiom/phrase. Choose the alternative which best expresses the meaning of the given idiom/phrase.

36. To get cold feet

- (A) Frightened
- (B) Aggressive
- (C) Cold
- (D) Relieved

37. To play to the gallery

- (A) To say and do things that will make people admire you
- (B) To play a game and win by unfair means
- (C) To play a musical instrument
- (D) None of the above

38. To read between the lines

- (A) To criticize
- (B) To report
- (C) To interpret
- (D) None of the above

39. To be in the line of fire

- (A) Likely to be shot at
- (B) Likely to be criticized
- (C) Likely to be burnt
- (D) None of the above

40. The icing on the cake

- (A) Something that makes a bad situation worse
- (B) Something that makes a good situation hopeless
- (C) Something that makes a good situation even better
- (D) None of the above

41. A live wire  
(A) A lot of electricity  
(B) An energetic person  
(C) A high-tension wire  
(D) None of the above
42. Alma mater  
(A) Actually  
(B) The college or school one attended  
(C) For a very long time  
(D) None of the above
43. Blow-by-blow account  
(A) Wrong description  
(B) Vague description  
(C) Careless description  
(D) None of the above
44. Like a moth to a flame  
(A) Irresistible  
(B) Interesting  
(C) Enjoyable  
(D) None of the above
45. To be in deep water  
(A) To swim  
(B) To bathe  
(C) To jump into the water  
(D) None of the above

**Directions (Q. Nos. 46–50) :** In these questions, out of the four alternatives given, choose the one which is opposite in meaning to the underlined word.

46. The parade was spectacular.  
(A) magnificent  
(B) impressive  
(C) meaningless  
(D) mediocre
47. This textbook has been chosen for intensive study.  
(A) detailed  
(B) careful  
(C) disinterested  
(D) partial
48. Resolute determination leads to success.  
(A) Shaky  
(B) Certain  
(C) Firm  
(D) Dishonest
49. The journey will be hazardous.  
(A) dangerous  
(B) treacherous  
(C) safe  
(D) careful
50. The entire audience was enthralled by the performance.  
(A) charmed  
(B) bored  
(C) bewitched  
(D) irritated

## PART—B : GENERAL KNOWLEDGE

( Marks : 100 )

Each question carries 2 marks

51. Which country has been chosen to chair the 68th Session of the Commission on Narcotic Drugs (CND) for the first time?  
(A) China (B) Japan  
(C) India (D) Australia
52. Who launched the VISION Portal in 2024 in India?  
(A) Manohar Lal  
(B) Narendra Modi  
(C) Piyush Goyal  
(D) Jitendra Singh
53. Which bank launched the Nari Shakti branches for women entrepreneurs in November 2024?  
(A) Bank of Baroda  
(B) State Bank of India  
(C) Union Bank of India  
(D) Central Bank of India
54. Which of the following is **not** correctly matched?  
(A) Bharatanatyam—Tamil Nadu  
(B) Kathakali—Kerala  
(C) Bihu—Assam  
(D) Kuchipudi—Jharkhand
55. India's first satellite is named after  
(A) Aryabhata  
(B) Bhaskara II  
(C) Bhaskara I  
(D) Samudragupta
56. Who is the first non-Indian to receive the Bharat Ratna?  
(A) Martin Luther King  
(B) Mother Teresa  
(C) Zubin Mehta  
(D) Khan Abdul Ghaffar Khan
57. What is the name of the lander of the Chandrayaan-2 mission?  
(A) Vikranth (B) Kranti  
(C) Vikram (D) Pragyan
58. The disease due to deficiency of iron in the body is  
(A) beriberi  
(B) anemia  
(C) rickets  
(D) night blindness
59. The longest river in the world, the Amazon, flows through  
(A) North America  
(B) South America  
(C) Africa  
(D) Europe
60. Who became the first person to be declared as 'fugitive economic offender' under the new Fugitive Economic Offenders Act?  
(A) Vijay Mallya  
(B) Nirav Modi  
(C) Lalit Modi  
(D) Mehul Choksi
61. Which of the following Constitutional Amendment Bills seeks to provide reservation for economically weaker sections in India?  
(A) 120 (B) 122  
(C) 124 (D) 125
62. What is the name of India's first indigenous macrolide antibiotic which aims to address antimicrobial resistance (AMR)?  
(A) Doxycycline  
(B) Amoxyclav  
(C) Ciprofloxacin  
(D) Nafithromycin

63. Who became the fastest Indian to reach 100 ODI wickets?  
 (A) Ravindra Jadeja  
 (B) Jasprit Bumrah  
 (C) Mohammed Shami  
 (D) Ravichandran Ashwin
64. Which country conferred Indian Prime Minister Narendra Modi with prestigious Zayed Medal?  
 (A) Bangladesh  
 (B) UAE  
 (C) Qatar  
 (D) Israel
65. A recent book published that is titled, *Why Bharat Matters* is authored by  
 (A) Prof. Sreeram Chaulia  
 (B) S. Jaishankar  
 (C) Manik Kotwal  
 (D) Amitava Kumar
66. World Environment Day is observed on  
 (A) 1st June (B) 2nd June  
 (C) 4th June (D) 5th June
67. Which is the oldest football tournament in India?  
 (A) Santosh Trophy  
 (B) IFA Shield  
 (C) Nehru Cup  
 (D) Durand Cup
68. Who has taken over as the President of the Asian Cricket Council?  
 (A) Sourav Ganguly  
 (B) Imran Khwaja  
 (C) Jay Shah  
 (D) Shammi Silva
69. Which of the following States became the first State in India to ensure the conservation of water?  
 (A) Sikkim (B) Meghalaya  
 (C) Assam (D) Mizoram
70. The Best Hindi Film Award at the 70th National Film Awards, 2024 was awarded to  
 (A) *Gulmohar* (B) *Aattam*  
 (C) *Kantara* (D) *Brahmastra*
71. The first Indian who won gold in Badminton World Championship in 2019 was  
 (A) Saina Nehwal  
 (B) Srikanth Kidambi  
 (C) Manoj Rana  
 (D) P. V. Sindhu
72. Which initiative was launched to promote Indian Sign Language (ISL) as a language and a subject?  
 (A) ISL 24x7  
 (B) Bharat Digital Channel  
 (C) PM e-Vidya DTH 24x7 Channel  
 (D) ISL Learning Network
73. The place where Indian Standard Time coincides with the local time is  
 (A) Chennai  
 (B) Itanagar  
 (C) Benares  
 (D) Prayagraj (Allahabad)
74. Rashtrapati Bhawan in New Delhi was designed by  
 (A) Sir Herbert Baker  
 (B) Raja Jai Singh  
 (C) G. Bojaxhiu  
 (D) Edwin Lutyens

75. The Indian freedom fighter who turned into a spiritual teacher was  
 (A) Aurobindo Ghosh  
 (B) C. R. Das  
 (C) Bipin Chandra Pal  
 (D) Bhagat Singh
76. The longest day in India is  
 (A) 20th July (B) 22nd July  
 (C) 21st June (D) 22nd June
77. The first lady Governor of an Indian State was  
 (A) Mrs. Vijaya Lakshmi Pandit  
 (B) Mrs. Sarojini Naidu  
 (C) Mrs. Sucheta Kripalani  
 (D) Rajkumari Amrit Kaur
78. The two special administrative regions in the People's Republic of China under the Central People's Government are  
 (A) Hong Kong and Yunnan  
 (B) Macau and Yunnan  
 (C) Beibei and Banam  
 (D) Hong Kong and Macau
79. The first Indian post office in Antarctica is under the division of  
 (A) New Delhi (B) Karnataka  
 (C) Goa (D) Kerala
80. What is the modern name of a country which had Abyssinia as its old name?  
 (A) Botswana (B) Nigeria  
 (C) Ethiopia (D) Kenya
81. Petrology is a branch of science which is related to the study of which of the following?  
 (A) Oil and gas  
 (B) Rocks and minerals  
 (C) Fossils  
 (D) Soil
82. What type of mirror is used by motorists to see the road behind them?  
 (A) Convex (B) Concave  
 (C) Plane (D) Concavo-convex
83. What is DoNER?  
 (A) A Ministry of Government of India  
 (B) An International Organization  
 (C) An NGO  
 (D) A philanthropist
84. Which among the following was inserted in the Constitution of India on the recommendations of Swaran Singh Committee?  
 (A) Directive Principles of State Policy  
 (B) 10th Schedule of the Constitution  
 (C) Fundamental Duties  
 (D) Fundamental Rights
85. What happens to the weight, when iron rusts?  
 (A) Weight increases  
 (B) Weight decreases  
 (C) Remains the same  
 (D) Weight first increases then decreases
86. Which among the following acts has **not** been enacted by the Parliament of India?  
 (A) AFSPA (B) POTA  
 (C) FEMA (D) MCOCA
87. Which of the following facilities is provided by 'EDUSAT' which was launched by ISRO?  
 (A) Education  
 (B) Navigation  
 (C) Robotics  
 (D) Communication

88. Birth rate is a number of birth per \_\_\_\_ of the population during one year.  
 (A) 100 (B) 1000  
 (C) 10000 (D) 100000
89. Which among the following is the first multipurpose river valley project of independent India?  
 (A) Damodar Valley Project  
 (B) Sutlej Valley Project  
 (C) Bhakra Nangal Project  
 (D) Indira Gandhi Canal Project
90. Cartographer is associated with which of the following?  
 (A) Postcards (B) Maps  
 (C) Coins (D) Stamps
91. Who among the following can remove the Governor of a State from office in India?  
 (A) Prime Minister  
 (B) President  
 (C) Supreme Court  
 (D) State Legislative Assembly
92. Guantanamo Bay is located in which country?  
 (A) Cuba  
 (B) Haiti  
 (C) Bahamas  
 (D) Trinidad and Tobago
93. Which historical monument was built to commemorate the visit of King George V and Queen Mary to Bombay?  
 (A) India Gate  
 (B) Churchgate  
 (C) Gateway of India  
 (D) Arc of Victory
94. India is the biggest producer, as well as the largest consumer and importer of which of the following crops?  
 (A) Wheat (B) Cotton  
 (C) Sugarcane (D) Pulses
95. If there is a dispute in the Presidential election in India, it will be referred to which among the following?  
 (A) Chief Election Commissioner  
 (B) Union Parliament  
 (C) Supreme Court of India  
 (D) Vice President of India
96. India's largest petrochemical complex is located in the State of  
 (A) Gujarat (B) Maharashtra  
 (C) Rajasthan (D) Assam
97. Who among the following won the Nobel Peace Prize in 2024?  
 (A) Nihon Hidankyo  
 (B) Han Kang  
 (C) Maung Zarni  
 (D) Motaz Azaiza
98. Which among the following metals is the hardest metal?  
 (A) Platinum (B) Gold  
 (C) Tungsten (D) Iron
99. Earth's deepest point 'Mariana Trench' is located in which of the following oceans?  
 (A) Indian Ocean  
 (B) Pacific Ocean  
 (C) Atlantic Ocean  
 (D) Arctic Ocean
100. Where was the first engineering college of India located?  
 (A) Bombay (B) Roorkee  
 (C) Varanasi (D) Calcutta

**PART—C : ARITHMETIC & APTITUDE**

( Marks : 100 )

Each question carries 2 marks

- 101.** Half the perimeter of a rectangular garden, whose length is 6 m more than its width, is 42 m. Its length is  
(A) 20 m (B) 24 m  
(C) 26 m (D) 28 m
- 102.** The sum of the ages of a man and his son is 55 years. 3 years ago, the product of their ages was 3 times the man's age at that time. What are their present ages?  
(A) Man-50 years, Son-5 years  
(B) Man-48 years, Son-7 years  
(C) Man-49 years, Son-6 years  
(D) Man-46 years, Son-9 years
- 103.** The area of a circle is numerically equal to twice the circumference of the circle. Find the diameter of the circle.  
(A) 4 units (B) 6 units  
(C) 8 units (D) 10 units
- 104.** The difference between the circumference and diameter of a circle is 210 cm. Find the radius of the circle.  
(A) 49 cm (B) 46 cm  
(C) 48 cm (D) 50 cm
- 105.** The simple interest on ₹ 6,200 at 10% per annum for 73 days is  
(A) ₹ 120 (B) ₹ 122  
(C) ₹ 124 (D) ₹ 126
- 106.** In an examination, 88% of the candidates passed and 60 failed. How many candidates appeared for the examination?  
(A) 300 (B) 400  
(C) 500 (D) 600
- 107.** The area of four walls of a room is 144 sq. m. If the length of the room is twice its breadth and the height is 2 m, then the area of the floor is  
(A) 280 sq. m  
(B) 288 sq. m  
(C) 308 sq. m  
(D) 250 sq. m
- 108.** The base of an isosceles triangle is 6 m and its perimeter is 16 m. The area of the triangle is  
(A)  $12 \text{ m}^2$  (B)  $10 \text{ m}^2$   
(C)  $16 \text{ m}^2$  (D)  $18 \text{ m}^2$
- 109.** On dividing a number by 357, we get 39 as remainder. What will be the remainder when the same number is divided by 17?  
(A) 0  
(B) 5  
(C) 3  
(D) 7
- 110.** How many diagonals of a regular hexagon pass through its centre?  
(A) 3  
(B) 6  
(C) 9  
(D) 4
- 111.** A total of 324 coins of 20 paise and 25 paise make a sum of ₹ 71. The number of 25 paise coins is  
(A) 144  
(B) 130  
(C) 124  
(D) 200

112. Ramu's father's age is 5 years more than three times Ramu's age. What is Ramu's age if his father is 44 years old?

- (A) 9 years (B) 12 years  
(C) 13 years (D) 15 years

113. The value of

$$\left\{ \left( \frac{1}{6} \right)^{-2} - \left( \frac{1}{3} \right)^{-3} \right\} \div \left( \frac{1}{3} \right)^{-2}$$

is

- (A) 4 (B) 3  
(C) 2 (D) 1

114. If  $0.75(2x - 5) = 0.25(5x - 3)$ , the value of  $x$  is

- (A) 12 (B) 14  
(C) 16 (D) 18

115. A tree is broken at a height of 5 m from the ground and its top touches the ground at a distance of 12 m from the base of the tree. The original height of the tree is

- (A) 13 m (B) 15 m  
(C) 18 m (D) 21 m

116. The standard form of the number 0.000035 is

- (A)  $0.35 \times 10^{-5}$   
(B)  $3.5 \times 10^{-5}$   
(C)  $35 \times 10^{-5}$   
(D)  $3.5 \times 10^{-6}$

117. An electric pole 12 m high casts a shadow of 10 m. Find the height of the tree that casts a shadow of 15 m under similar conditions.

- (A) 15 m (B) 17 m  
(C) 18 m (D) 20 m

118. If 20 workers can build a wall in 54 hours, how many workers will be required to do the same work in 27 hours?

- (A) 28  
(B) 36  
(C) 40  
(D) 42

119. At what percent per annum simple interest will a sum double itself in 12 years?

- (A) 10.2% (B) 9.5%  
(C) 8.3% (D) 11.2%

120. What sum will amount to ₹ 3,525 at 5% per annum simple interest in 5 years?

- (A) ₹ 2,520 (B) ₹ 2,680  
(C) ₹ 2,820 (D) ₹ 3,200

121. A number when multiplied by 4 increases by 54. The number is

- (A) 21 (B) 16  
(C) 18 (D) 19

122. The length of a rectangle is three times its width and its perimeter is 96 m. The length of the rectangle is

- (A) 12 m (B) 24 m  
(C) 36 m (D) 48 m

123. The area of a square is equal to the area of a circle. What is the ratio between the side of the square and the radius of the circle?

- (A)  $\sqrt{\pi} : 1$  (B)  $1 : \sqrt{\pi}$   
(C)  $1 : \pi$  (D)  $\pi : 1$

124. The radius of a circle whose area is  $616 \text{ cm}^2$  is

- (A) 28 cm (B) 14 cm  
(C) 7 cm (D) 3.5 cm

125. The length and breadth of a rectangular park are in the ratio 3:4 and its perimeter is 56 m. The area of the park is  
 (A)  $210 \text{ m}^2$  (B)  $192 \text{ m}^2$   
 (C)  $200 \text{ m}^2$  (D)  $182 \text{ m}^2$
126. The area of a square is  $50 \text{ cm}^2$ . The length of its diagonal is  
 (A) 15 cm (B) 13 cm  
 (C) 11 cm (D) 10 cm
127. The value of  $\sqrt[4]{(81)^{-2}}$  is equal to  
 (A)  $3^{-3}$  (B)  $3^{-2}$   
 (C)  $3^{-4}$  (D)  $3^{-5}$
128.  $\sqrt[4]{3\sqrt{2^2}}$  is equal to  
 (A)  $2^{1/3}$  (B)  $2^{1/4}$   
 (C)  $2^{1/5}$  (D)  $2^{1/6}$
129. Pythagoras was a student of  
 (A) Thales  
 (B) Euclid  
 (C) Archimedes  
 (D) None of them
130. Which of the following needs a proof?  
 (A) Definition  
 (B) Postulate  
 (C) Axiom  
 (D) Theorem
131. The degree of the polynomial  
 $p(x) = 3x^4 + 0x^3 + 0x^5 + 6x + 7$   
 is  
 (A) 4  
 (B) 5  
 (C) 3  
 (D) None of the above
132. The side (lateral) faces of a pyramid are  
 (A) rectangles  
 (B) triangles  
 (C) squares  
 (D) parallelograms
133. In a sample of 642 people, it was found that 514 people have a high school certificate. If a person is selected at random, the probability that the person has a high school certificate is  
 (A) 0.5 (B) 0.6  
 (C) 0.7 (D) 0.8
134. A television marked at ₹ 20,000 is available for ₹ 19,200. The discount percent of the television is  
 (A) 3% (B) 4%  
 (C) 5% (D) 6%
135. David bought a product for ₹ 7,080 which included GST of 18%. The price of the product before GST was added is  
 (A) ₹ 5,000 (B) ₹ 5,550  
 (C) ₹ 6,000 (D) ₹ 7,000
136. The compound interest on ₹ 12,600 for 2 years at 10% per annum compounded annually is  
 (A) ₹ 2,600 (B) ₹ 2,640  
 (C) ₹ 2,646 (D) ₹ 2,650
137. The median of the data  
 4, 4, 5, 7, 6, 7, 7, 12, 13  
 is  
 (A) 7 (B) 6  
 (C) 6.5 (D) 7.5

138. In a cylinder, if radius is halved and height is doubled, then the volume will be  
 (A) four times  
 (B) doubled  
 (C) unaltered  
 (D) halved
139.  $ABCD$  is a rhombus such that  $\angle ACB = 40^\circ$ . Then  $\angle ADB$  is  
 (A)  $40^\circ$  (B)  $45^\circ$   
 (C)  $50^\circ$  (D)  $60^\circ$
140. If  $2y + \frac{8}{3} = \frac{1}{4}y + 5$ , then  $y = ?$   
 (A) 3 (B) 4  
 (C)  $\frac{3}{4}$  (D)  $\frac{4}{3}$
141. A man sold an article for ₹ 495 and gained 10% on it. The cost price of the article is  
 (A) ₹ 350 (B) ₹ 450  
 (C) ₹ 550 (D) ₹ 650
142. The ages of David and John are in the ratio 7 : 5. Ten years hence, the ratio of their ages will be 9 : 7. Their present ages are  
 (A) 30 years, 20 years  
 (B) 35 years, 22 years  
 (C) 35 years, 25 years  
 (D) 35 years, 30 years
143. If  $A$  is called 2,  $B$  is called 3,  $C$  is called 5,  $D$  is called 8 and so on, then what will be the numerical value of  $F$ ?  
 (A) 18 (B) 16  
 (C) 17 (D) 20
144. In a certain code, GLARE is written as '513%#' and LIVE is written as '18@#'. How is GIVE written in that code?  
 (A) 581# (B) 58%#  
 (C) 5#8@ (D) 58@#
145. If  $A$  is written as  $B$  and  $B$  as  $A$ ,  $E$  as  $F$  and  $F$  as  $E$  and so on, how will the word 'BRIG' be written?  
 (A) AQJH (B) ASJH  
 (C) AQHF (D) AQJF
146. If PREMA is coded as 96731, how can RAMA be written in that code?  
 (A) 6737 (B) 6131  
 (C) 9631 (D) 9131
147. In a certain code language, '278' means 'run very fast', '853' means 'come back fast' and '376' means 'run and come'. Then 'back' may be represented by the digit  
 (A) 3 (B) 7  
 (C) 5 (D) 6
148. If the sequence is ABC, DEF, GHI, what comes next?  
 (A) IJK  
 (B) JKL  
 (C) HIJ  
 (D) None of the above
149. If '+' stands for '÷', '-' stands for '+', 'x' for '+' and '÷' for 'x', then  

$$4 + 4 \times 2 \div 2 - 8 =$$
 (A) 0 (B) 12  
 (C) 13 (D) 2
150. In a certain code, 'PRISM' is written as 'OSHTL' and 'RUBLE' is written as 'QVAMD'. How will 'WHORL' be written in that code?  
 (A) XIPSM (B) UINSK  
 (C) VINSK (D) YINSK