

**YOUNG STAR DEFENCE ACADEMY, AMRITSAR**  
**Contact For Admission: +918101313136 Sainik School,**  
**Military School, RIMC**

**ALL INDIA SAINIK SCHOOLS ENTRANCE**  
**EXAMINATION: 2018**

**MATHS, ENGLISH, GENERAL SCIENCE, SOCIAL STUDIES**  
**AND INTELLIGENCE (CLASS IX)**

**Time: 3 Hrs.**

**Max. Marks: 400**

**Name of Full.....**

**Roll No. ....**

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**INSTRUCTIONS**

- 1. This question paper contains FIVE sections and you have to answer all questions in the OMR answer sheet. Section “A” Mathematics contains 50 questions of 4 marks each. Section “B” English, Section “C” General Science, Section “D” Social Studies and Section “E” Intelligence contain 25 questions each with 2 marks per question.**
- 2. There is only one correct answer for each question. Darken only one bubble for each question. If you darken more than one bubble, your answer will be treated as wrong.**
- 3. Evaluation of OMR answer sheet will be done on a computer. Ensure no unnecessary markings are made on the OMR answer sheet. Do not fold or attempt to deface the OMR answer sheet. OMR sheets with multiple folds or defaced OMR sheet will not be evaluated.**
- 4. Rough work must be done on the additional two sheets only and NOT on the OMR answer sheet.**
- 5. Write your answer in Blue/Black ink only. Do not use pencil.**
- 6. There are total 28 pages in the question paper including two pages for the rough work.**



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- (1) 16 (2) 18  
(3) 32 (4) 34

6. If  $0.25(4f-3) = 0.05(10f-9)$ , then  $f$  is equal to :

- (1) 0.6 (2) 0.8  
(3) 0.5 (4) 0.4

7. A number consists of two digits. The digit in the tens place exceeds the digits in the unit place by 4. The sum of the digits is  $\frac{1}{7}$  of the number .the number is:

- (1) 27 (2) 72  
(3) 48 (4) 84

8. How many sides does a regular polygon have wherein, whose interior angle is eight times exterior angle?

- (1) 16 (2) 24  
(3) 18 (4) 20

9. ABCD is a rectangle with  $\angle BAC = 48^\circ$  .then  $\angle DBC$  is equal to ?

- (1) 38 (2) 42  
(3) 48 (4) 132

10. The angles A, B, C ,D of a quadrilateral ABCD taken in order are in the ratio 3:7:6:4,then ABCD is a :

- (1) Rhombus (2) Parallelogram  
(3) Trapezium (4) Kite

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11. A data set of  $n$  observations has mean  $2$ . while another data set of  $2n$  observation has mean  $x$ . then the mean of the combined data set of  $3n$  observations will be :

- (1)  $x$  (2)  $\frac{3}{2}x$   
(3)  $\frac{2}{3}x$  (4)  $\frac{4}{3}x$

12. In a class of 17 students ,six boys failed in a test . Those who passed score 12, 14, 15, 19,17,18,18, and 19 marks, the median score of 17 students in the class is :

- (1) 15 (2) 16  
(3) 17 (4) 18

13. The mean age of a class is 16 years. If the class teacher aged 40 years old is also included, the mean age increases to 17 years. The number of the students in the class is :

- (1) 23 (2) 33  
(3) 44 (4) 16

14. From a well shuffled deck of 52 cards, one card is drawn at random, what is the probability that the drawn card is a queen ?

- (1)  $\frac{1}{4}$  (2)  $\frac{1}{52}$   
(3)  $\frac{1}{13}$  (4)  $\frac{1}{26}$

15. Which of the following numbers is not a perfect square ?

- (1) 3600 (2) 6400  
(3) 81000 (4) 2500

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16. Which least number must be subtracted from 176 to make it a perfect square ?

- (1) 16 (2) 7  
(3) 10 (4) 4

17.  $\frac{\sqrt{288}}{\sqrt{128}}$  is equal to :

- (1)  $3/2$  (2) 1.49  
(3)  $\sqrt{3}/2$  (4)  $3/\sqrt{2}$

18. The volume of a cubical box is 32.768 cubic metres . Then the length of the sides of the box is ?

- (1) 32 m (2) 320 m  
(3) 768 m (4) 3.2 m

19. By what least number should 648 be multiplied to get a perfect cube ?

- (1) 3 (2) 6  
(3) 9 (4) 18

20. Give that  $3048625=3379 \times 729$ . Then what is the cube root of 3048625?

- (1) 155 (2) 135  
(3) 45 (4) none of these

21. I borrowed rs 12000 from jamshed at 6% per annum simple interest for 2 years .had i borrowed this sum at 6% per annum compound interest , what extra amount would i have to pay ?

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(1) Rs 144

(2) Rs 1440

(3) 72

(4) Rs.43.20

22. During a sale, a shop offered a discount of 10 % on the market price of all the items .what would a customer have to pay for for a pair of jeans marked at rs 1450 and two shirts marked at rs 850 each ?

(1) 2835

(2) 3150

(3) 2300

(4) none of these

23. If the cost price of 10 greeting cards is equal to the selling price of 8 greeting cards then the gain or loss% is ?

(1) Loss of 25%

(2) Loss of 20%

(3) Gain of 25%

(4) Gain of 20%

24. A can do a piece of work in 20 days which b alone can do it in 12 days b worked it for 9 days then a can finish the remaining work in :

(1) 3 days

(2) 5 days

(3) 7 days

(4) 11 days

25. A car takes 2 hours to reach the destination ny travelling at 60 km/hr. How long while it take while travelling at 80km/hr

(1) 1 hr 30 mins

(2) 1 hr 40 mins

(3) 2 hr 40 ,mins

(4) none of these

26. If  $x + \frac{1}{x} = 5$  then x square  $x^2 + \frac{1}{x^2} = ?$

(1) 25

(2) 27

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(3) 23 (4)  $25\frac{1}{25}$

27. How many edges does a square prism have ?

(1) 9 (2) 12  
(3) 16 (4) 8

28. Three cubes of iron whose edges are 6 cm ,8cm ,10cm , respectively are melted and formed into a single cube . The edge of the new cube formed is?

(1) 12 cm (2) 14 cm  
(3) 16 cm (4) 24 cm

29. If the capacity of the cylindrical tank is  $1848\text{m}^3$  and the diameter of its base is 14 m the depth of the tank is ?

(1) 8m (2) 12 m  
(3) 16m (4) 18 m

30. The edges of the cuboid are in the ratio 1:2:3 and its surface area is  $88\text{cm}^2$  . the volume of the cuboid is :

(1)  $64\text{ cm}^3$  (2)  $96\text{ cm}^3$   
(3)  $120\text{ cm}^3$  (4)  $48\text{ cm}^3$

31. The parallel sides of a trapezium are in the ratio 4:3 and the perpendicular distance between them is 12 cm if the area of the trapezium is  $630\text{ cm}^2$  , then its height of the parallel sides is ;

(1) 45 cm (2) 42 cm  
(3) 60 cm (4) 36 cm

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32. The base of the triangle is four times its height and its area is 50 m . The length of its base is :

- (1) 10 m (2) 15 m  
(3) 20 m (4) 25 m

33.  $\frac{3n \cdot 3^{2n+1}}{9^n \cdot 3^{n-1}}$  is equal to ?

- (1) 1 (2) 9  
(3) 3 (4) 3 n

34. The base of a triangle is four times its height and its area is 50 m<sup>2</sup> . the length of its base is :

- (1) 10m (2) 15m  
(3) 20m (4) 25m

35.  $\frac{3^n \cdot 3^{2n+1}}{9^n \cdot 3^{n-1}}$  is equal to:

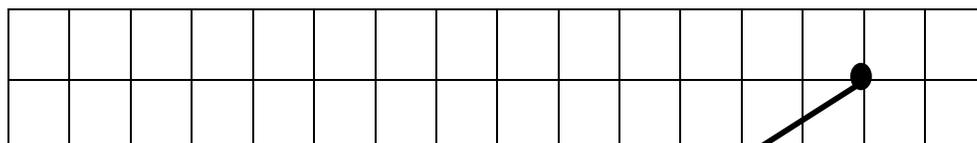
- (1) 1 (2) 9  
(3) 3 (4) 3<sup>n</sup>

36.  $4^{3.5} : 2^5$  is the same as :

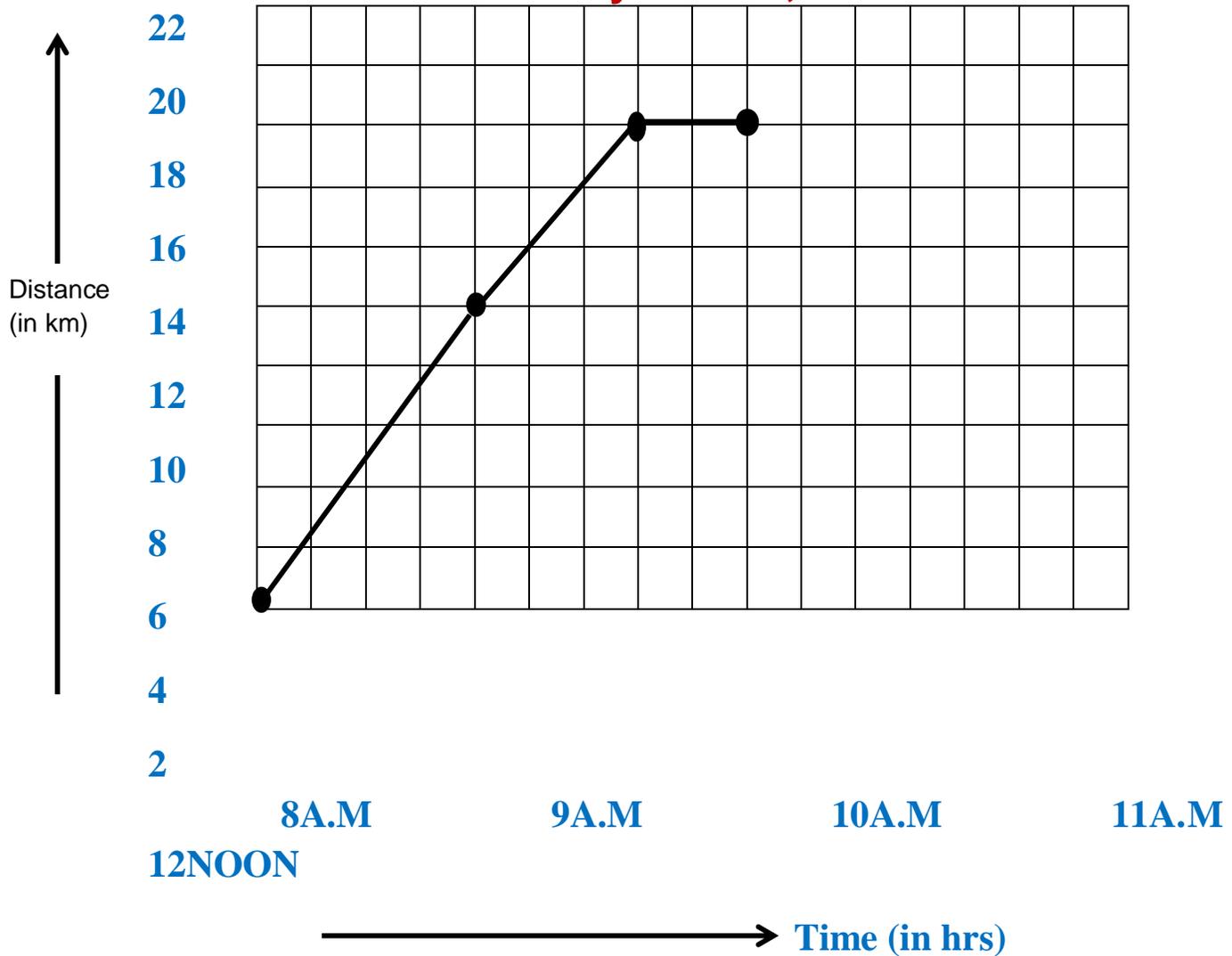
- (1) 4 : 1 (2) 2 : 1  
(3) 7 : 5 (4) 7 : 10

37. if  $a = b^{2/3}$  , and  $b = c^{-2}$  , then what is the value of a in terms of c?

- (1)  $\frac{4}{c^3}$  (2)  $\sqrt[3]{c^4}$   
(3)  $\frac{1}{\sqrt[3]{c^4}}$  (4)  $\sqrt[4]{c^3}$



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38. What is the scale taken for the time axis ?

- (1) 2 units = 1 hour                      (2) 1 unit = 2 hours  
 (3) 1 unit = 4 hours                      (4) 4 units = 1 hours

39. How much time did the person take for the travel ?

- (1) 2 hours                                      (2) 2 1/2 hours  
 (3) 3 1/2 hours                                (4) 4 hours

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(40) how far is the place of the merchant from town ?

- (1) 11 km (2) 22 km  
(3) 13 km (4) 26 km

41. When did the person stop on the way ?

- (1) between 8 am and 9 am (2) between 9 am and 10 am  
(3) between 10 am and 10.30 am (4) between 10.30 am and 11.30 am

42. During which period did he ride the fastest ?

- (1) between 8 am to 9 am (2) between 9 am and 10 am  
(3) between 10 am and 10.30 am (4) between 10.30 am and 11.30 am

43. find the value of A B C in the following :

$$\begin{array}{r} \overline{9) 4AB} \text{ ( SC} \end{array}$$

$$\begin{array}{r} \underline{-45} \end{array}$$

$$\begin{array}{r} 3B \end{array}$$

$$\begin{array}{r} \underline{-36} \end{array}$$

$$\begin{array}{r} \underline{0} \end{array}$$

Then what is the value of  $A+B+C$  ?

- (1) 10 (2) 14  
(3) 16 (4) 18

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44. If  $y$  denotes the digit at hundreds place of the number  $67y19$ , such that the number is divisible by 11. the value of  $y$  is?

- (1) 3 (2) 5  
(3) 4 (4) 7

45. Find three whole numbers  $a, b$  and  $c$  such that  $a + b + c = abc$ , then what is the value of  $a^2 + b^2 + c^2$

- (1) 14 (2) 15  
(3) 16 (4) 17

46.  $3 + 23y - 8y^2$  is equal to :

1.  $(1 - 8y)(3 + y)$   
2.  $(1 + 8y)(3 - y)$   
3.  $(1 - 8y)(y - 3)$   
4.  $(8y - 1)(y + 3)$

47. A motor car starts with a speed of 70 km/hr with its speed increasing every 2 hrs by 10 km/hr. in how many hours will it cover 345 km?

- (1)  $2\frac{1}{4}$  hours (2) 4 hours 5 minutes  
(3)  $4\frac{1}{2}$  hours (4) 3 hours

48.  $\left(\frac{1}{4}x^2 - \frac{1}{2}x - 12\right) \div \left(\frac{1}{2}x - 4\right)$  is equal to :

- (1)  $\left(x + \frac{3}{2}\right)$  (2)  $\left(\frac{1}{2}x - 3\right)$

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(3)  $(2x + 3)$

(4)  $\left(\frac{1}{2}x + 3\right)$

49. 1200 soldiers in a fort had enough food for 28 days . After 4 days , some soldiers ewere transferred to another fort and thus the food lasted now for 32 days . How many soldiers left the fort ?

(1) 300

(2) 400

(3) 200

(4) 100

50. if the perimeter of an isosceles right angle is  $(6 + 3\sqrt{2})$  m , then the rea of the triangle is:

1.  $5.4 \text{ m}^2$

2.  $81 \text{ m}^2$

3.  $9 \text{ m}^2$

4.  $4.5 \text{ m}^2$

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**English Language**

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**51. The correctly punctuated sentence is:**

- (1) he asked me, “whether I had done my work “.**
- (2) he asked me,” whether I had done my work?**
- (3) he asked me,” whether I had done my work?**
- (4) he asked me whether I had done my work.**

**52. Which of the following will be the correct indirect speech if the statement given below is changed into it? He said, ‘I shall leave these papers here.’”**

- (1) he said that he would leave those papers there.**
- (2) he said that he should leave those papers there.**
- (3) he said that he would leave these papers there.**
- (4) he said the he would leave those papers here.**

**53. The correct passive form of the following sentence is: They asked me my name**

- (1) my name was asked me by them**
- (2) I was asked my name**
- (3) me was asked my name by them**

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**(4) my name was asked from them.**

**54. The correct meaning of the word “calamity”**

- (1) disaster**                      **(2) scourge**  
**(3) harm**                         **(4) injury**

**55. “Red letter day “means?**

- (1) A dangerous day**  
**(2) A rose day**  
**(3) An important day**  
**(4) A bloody day**

**56. The correct antonym of the word “assets “is:**

- (1) Liabilities**  
**(2) Estate**  
**(3) Responsibilities**  
**(4) Hindrances**

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**57. The plural form of “alumnus “is?**

- (1) almumnuses**
- (2) alumna**
- (3) alumnae**
- (4) alumni**

**58. “Alma Mater” is the place where one:**

- (1) studied**
- (2) married**
- (3) died**
- (4) was born**

**59. Identify the part which contains an error in the following sentence.**

*Ten miles are not a long distance*

- (1) ten miles**
- (2) are not**
- (3) a long distance**
- (4) no error**

**60. Choose the corrected order to make the sentences below meaning.**

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a. History of India/ b. than / c. was there a / d. mahatma Gandhi  
never/ e. in the /

f. great man

(1) abcdef

(2) fcdeba

(3) eacabf

(4) eacfbf

61. fill in the blanks with the suitable phrase preposition.

He accepted the car ..... His claim for Rs.  
3,25,000.

(1) On account of

(2) By dint of

(3) In lieu of

(4) Because of

62. The suitable prefix for the word "bitter "is:

(1) im

(2) in

(3) un

(4) em

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**63. Fill in the blank with a suitable Conjunction.**

He is slow, ..... He is sure.

(1) and

(2) for

(3) but

(4) or

**64. Complete the following maxim.**

Genius without education is like silver in the .....

(1) Shop

(2) mine

(3) well

(4) pit

**65. Select the word that is opposite in meaning to the underlined word.**

My first lecture in the classroom was a fiasco.

(1) success

(2) joy

(3) fun

(4) disaster

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66. The right suffix for the word “just: to make it an abstract noun is:

- (1) –ly
- (2) –ify
- (3) –ice
- (4) –ing

67. Select the word that is similar in meaning to the underline word.

The requisite energy is derived from the battery.

- (1) Insignificant
- (2) Necessary
- (3) Different
- (4) Special

68. Select the word that is similar in meaning to the underline word.

His candid opinion has won him many friends.

- (1) kind
- (2) courteous
- (3) generous
- (4) frank

69. Select the word that is opposite in meaning to the underline word.

Everyone agreed that it was the piece of meticulous research.

- (1) Careless
- (2) Carefree
- (3) Cautions

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(4) scrupulous

70. The word “averts “means?

- (1) Avoid
- (2) fall
- (3) Hatred
- (4) Degenerate

71. The adjective form of “boast “means is:

- (1) Boastful
- (2) Boastly
- (3) Boastly
- (4) Boastile

**Directions: read the following passage and answer the questions that follow.**

**Vehicles do not move about the roads for mysterious reasons of their own. they move only because people want them to move in connection with the activities which the people are engaged in. the traffic is therefore a ‘function of activities’, because, in towns, activities takes place in buildings, traffic in towns is a ‘function of building’. the implications of this line of reasoning are inescapable.**

72. Line 1 of the passage means that vehicles move on the roads:

- (1) For reasons difficult to explain

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- (2) to serve specific purpose**
- (3) in a haphazard fashion**
- (4) in ways beyond our control**

**73. The author says that traffic is a ‘function is activities’. He means that:**

- (1) human activities are taking place**
- (2) human activities re dependent on traffic**
- (3) traffic is not dependent on human activities.**
- (4) traffic is connected with human activities.**

**74. The author suggest by his argument that:**

- (1) to regulate traffic, more policemen have to be employed**
- (2) to regulate activities, traffic has to be taken into consideration.**
- (3) to regulate traffic, buildings have to be taken into consideration**
- (4) to understand the traffic problems, we must examine the social context in which it is**

**Found.**

**75. By ‘this line of reasoning’ , the author means :**

- (1) idea contained in this line**
- (2) idea contained in any one line of his argument**

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(3) the manner of arguing

(4) this row of printed characters

**Subject : general science**

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**76. Tungsten (a transition element) being a metal exhibits the following properties.**

**I. It is sonorous**

**II. It possesses high tensile strength**

**III. It possesses high melting point**

**IV. It has high density.**

**Which of the above property / properties of Tungsten made it a suitable material for the filament of an electric bulb?**

- (1) I, II and III**
- (2) II and III**
- (3) Only III**
- (4) II, III and IV**

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**77. Hepatitis –b is caused due to:**

- (1) virus**
- (2) protozoa**
- (3) bacteria**
- (4) fungi**

**78. The production of an exact copy of an animal by asexual reproduction is known as:**

- (1) cloning**
- (2) mating**
- (3) budding**
- (4) hatching**

**79. The device which can be used to detect very small current following in an electric circuit is:**

- (1) LEAD**
- (2) MCB**
- (3) LED**
- (4) none of these**

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**80. Which of these unicellular organism has no definite shape?**

- (1) amoeba**
- (2) paramecium**
- (3) euglena**
- (4) bacteria**

**81. Which of these unicellular organisms has to definite shape?**

- (1) polythene**
- (2) melamine**
- (3) PVC**
- (4) nylon**

**82. Solution of which of the following oxides in water will change the colour of blue litmus to red?**

- (1) Sulphur dioxide**
- (2) magnesium oxide**
- (3) iron oxides**
- (4) copper oxide**

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**83. In India, PCRA advises how to save petrol/diesel while driving. for this, PCRA gave several tips. Here, PCRA stands for:**

- (1) Pollution Control Research Association**
- (2) Petroleum Conservation Research Association**
- (3) Petroleum Collection and Research Association**
- (4) None of the above**

**84. An electrolyte is:**

- (1) A metal**
- (2) a solution**
- (3) a liquid that conducts current**
- (4) all of the above**

**85. As the angle between two plane mirrors is decreasing gradually, the number of images of an object placed between them:**

- (1) first increases then decreases**
- (2) first decreases then increase**
- (3) increases**
- (4) decreases**

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**86. Purest form of carbon is:**

- (1) coal;**
- (2) charcoal**
- (3) coke**
- (4) all of the above**

**87. Value of one light year in S.I. unit is:**

- (1)  $1.5 \times 10^{11}$  m**
- (2)  $9.46 \times 10^{15}$ m**
- (3)  $1.5 \times 10^{15}$ m**
- (4)  $9.46 \times 10^{12}$ m**

**88. Which of the following liquids does not conduct electricity?**

**I. Lemon juice**

**II. Sugar solution**

**III. Distilled water**

**IV. Dilute hydrochloric acid**

- (1) I, II and IV**
- (2) Only III**
- (3) Only IV**
- (4) III and IV**

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**89. I – Fungi, II – Bacteria**

**Consider the following statements and find the correct one:**

- (1) II are small prokaryotes while I are large called eukaryotes with defined mitochondria and other organelles.**
- (2) I have a sexual reproduction through conjugation and transformation but II through genetic recombination.**
- (3) II have a sexual reproduction through conjugation and transformation but I through genetic recombination.**
- (4) All of the above**

**90. When the applied force is doubled and the object is still at rest, friction becomes**

- (1) doubled**
- (2) halved**
- (3) quadrupled**
- (4) zero**

**91. Oxides of which element are present in acid rain?**

- (1) carbon**
- (2) nitrogen**
- (3) Sulphur**
- (4) phosphorous**

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**92. Which of the following tools would a farmer use to remove weeds from the field?**

- (1) hoe**
- (2) plough**
- (3) axe**
- (4) cultivator**

**94. In the process of vulcanisation, natural rubber is treated with an element x to improve its properties? ... the element x can be ...**

- (1) carbon**
- (2) nitrogen**
- (3) Sulphur**
- (4) Phosphorus**

**95. The standard value of atmospheric pressure is:**

- (1) 78 cm of hg**
- (2) 76 mm of hg**
- (3) 45 cm of hg**
- (4) 0.76 cm of hg**

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**96. the sound from a mosquito is produced when it vibrates its wings at an average rate of 500 vibrations per second. What is the time period of vibration?**

- (1) 2 s**
- (2) 0.002 s**
- (3) 0.02 s**
- (3) 0.2 s**

**97. The change in focal length of an eye lens to focus the image of objects at varying distances is done by the action of:**

- (1) pupil**
- (2) iris**
- (3) retina**
- (4) ciliary muscles**

**98. Which cell organelle is called the power house of a cell?**

- (1) lysosomes**
- (2) Golgi bodies**
- (3) mitochondria**
- (4) ribosomes**

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**99. The dramatic changes in body features associated with puberty are mainly because of the secretions of :**

**I. Thyroxine**

**II. Estrogen**

**III. Adrenalin**

**IV. Testosterone**

- (1) I and II**
- (2) II and III**
- (3) I and III**
- (4) II and IV**

**100. The earth rotates around its axis. The sun appears to rise in the east. Venus rotates in the opposite direction of earth. We can therefore assume that on Venus, the sun sets in the?**

- (1) east**
- (2) west**
- (3) north**
- (4) south**

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**Social Science:**

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**101. Who became the nawab of Bengal after the death of alivardi khan?**

- (1) murshid quli khan**
- (2) mir jafar**
- (3) sirajuddaulah**
- (4) mir qasim**

**102. Fir means?**

- (1) final information report**
- (2) first information report**
- (3) full information report**
- (4) first investigation report**

**103. How many MPs are elected to the Rajya Sabha?**

- (1) 272**
- (2) 250**
- (3) 245**
- (4) 233**

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**104. What is the meaning of “media sets to agenda:”**

- (1) media supports the government**
- (2) media directs the people to agitate**
- (3) media shapes our thoughts by giving more importance to some issues**
- (4) media criticizes the government**

**105. The process in which different crops are grown in alternate rows is known as:**

- (1) crop rotation**
- (2) intercropping**
- (3) terrace farming**
- (4) contour cropping**

**106. Which of the following statements is / are correct?**

- (a) Diwani is the right to collect revenue**
- (b) Faujdari adalat refers to a civil court**

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**(c) Richard Wellesley implemented the Subsidiary Alliance**

**Select the correct answer using the codes given below:**

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

**107. Biotic resources are?**

- (1) made by human beings**
- (2) derived from living things**
- (3) derived from nonliving things**
- (4) none of the above**

**108. Biotic resources are:**

- (1) made by human beings**
- (2) derived from living things**
- (3) derived from non - living things**
- (4) none of the above**

**109. Separation of religion from the state means:**

- (1) communalism**
- (2) democracy**

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**(3) secularism**

**(4) all of the above**

**110. Arrange the following events of the Indian freedom movements in correct sequence**

**Beginning from the earliest:**

**a. The Non – Cooperation Movement**

**b. Quit India Movement**

**c. The Rowlatt Satyagraha**

**d. The march to dandi**

**(1) c – a – d – b**

**(2) a – b – c – d**

**(3) c – a – b – d**

**(4) a – c – b – d**

**111. The young bengal movement was led by:**

**(1) swami vivekananda**

**(2) keshab chandra sen**

**(3) william jones**

**(4) henry louisa vivian cerozio**

**112. .... refers to the court declaring that a person is not guilty of the crime which he / she was tried for by the court.**

**(1) Appeal**

**(2) Acquit**

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(3) Accuse

(4) None of these

**113. Which of the following pairs is NOT correctly matched?**

**a. Nana Saheb - Kanpur**

**b. Rani Lakshmibai - Jhansi**

**c. Kunwar Singh - Lucknow**

**d. Bakht Khan - Delhi**

**select the correct answer using the codes given below:**

**(1) a and c**

**(2) c only**

**(3) d only**

**(4) b and c**

**114. Which one of the following is a leading producer of copper in the world?**

**(1) bolivia**

**(2) ghana**

**(3) peru**

**(4) zimbabwe**

**115. Amul stands for?**

**(1) Anand milk union limited**

**(2) anand milk united limited**

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**(3) anand mazdoor union limited**

**(4) ahmedabad milk union limited**

**116. How many permanent members are there in the un security council?**

**(1) three**

**(2) four**

**(3) five**

**(4) six**

**117. Cultivation on planters own land was referred to as?**

**(1) ryoti**

**(2) mahalwari**

**(3) batai**

**(4) nij**

**118. Which of the following is a secondary activity?**

**(1) transport**

**(2) farming**

**(3) obtaining sugar from sugarcane**

**(4) bee keeping**

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**119. Which one of the following is not a factor of soil formation?**

- (1) topography**
- (2) soil texture**
- (3) climate**
- (4) time**

**120. Viceroy..... Partitioned Bengal in 1905.**

- (1) Curzon**
- (2) Minto**
- (3) Irwin**
- (4) Mountbatten**

**121. The leaders of the khilafat agitation were?**

- (1) sayyid brothers**
- (2) ali brothers**
- (3) both a and b**
- (4) none of these**

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**122. Which of the following is not a fundamental right of citizens of India?**

- (1) right to equality**
- (2) right to education**
- (3) right to property**
- (4) right to freedom**

**123. To complain about the problem of hygiene and sanitation a person living in a big city should go to:**

- (1) municipal corporation**
- (2) municipal committee**
- (3) nagar panchayat**
- (4) zila parshad**

**124. The supreme court was established on?**

- (1) 26 january,1950**
- (2) 15 august ,1947**
- (3) 26 november ,1949**
- (4) 15 august ,1950**

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**125. Which one of the following refers to the tomb of a Sufi saint?**

- (1) idgah**
- (2) khanqah**
- (3) dargah**
- (4) none of these**

**Intelligence test ::**

**126. WINTER : IWTNRE : LACSAP : ?**

- (1) PASCAL**
- (2) SPLACA**
- (3) ALSCPA**
- (4) LACSPA**

**127. GDLM : IBNK : ZSOH : ?**

- (1) ZQQF**
- (2) WTMO**
- (3) APQF**
- (4) ZQLF**

**128. TQW IS TO MJP AS ZHN IS TO ?**

- (1) SAG**

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(2) GSA

(3) YGM

(4) TEG

**129. WEIGHT is related to KILOGRAM in the same way as  
DISTANCE is related to ?**

(1) GRAM

(2) POUND

(3) LENGTH

(4) KILOGRAM

**Directions : which number completes the second pair in the same  
way as the first pair ?**

**130. 26: 5: 65 : ?**

(1) 6

(2) 7

(3) 8

(4) 9

**131. 16: 56: 36?**

(1) 96

(2) 112

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(3) 118

(4) 128

**Directions : in the given series , find the next / missing term.**

**132. AT, BS, CR , DQ ?**

(1) EP

(2) FP

(3) ED

(4) EN

**133. 4, 9, 16, 25 , ? , 49**

(1) 50

(2) 36

(3) 64

(4) 39

**134. 0 , 1 , ? , 27 , 64**

(1) 16

(2) 32

(3) 4

(4) 8

**135. A 5 , C 10 , E 15 , G 20 , ?**

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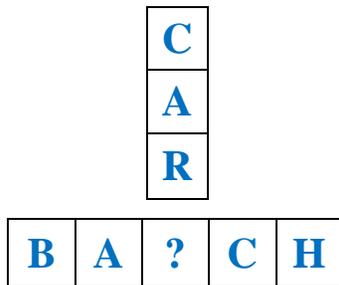
(1) H30

(2) I30

(3) I25

(4) H25

**136. Insert a letter which completes both the words given below :**



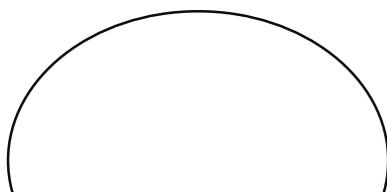
(1) T

(2) K

(3) V

(4) L

**137. insert the missing terms in the figure, so that the word formed is the name of a country when read clockwise direction.**



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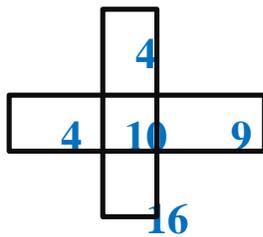
L   ?   N

I            ?

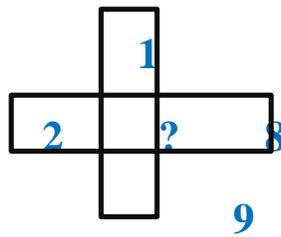
R   ?   A

- (1) SAA
- (2) SAK
- (3) APR
- (4) PLC

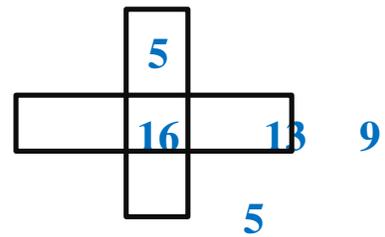
138. Find the number that replaces the question mark.



(I)



(II)



(III)

- (1) 12
- (2) 6
- (3) 5
- (4) 7

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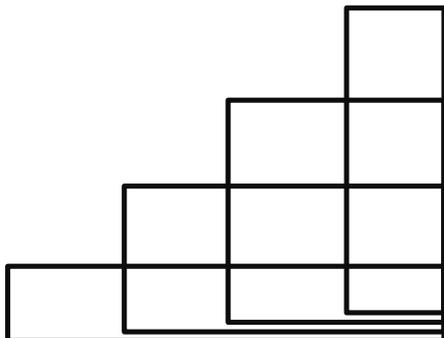
139. In a class of 30 students , Swati's rank is 11<sup>th</sup> from the top .  
what is her rank from the bottom ?

- (1) 19<sup>th</sup>
- (2) 20<sup>th</sup>
- (3) 22<sup>nd</sup>
- (4) 21<sup>st</sup>

140.. Ritu walks 50 m, towards east , then turns to her right and  
walks 50 m , now she turns left and walks another 50n m .now again  
she turns left and walks another 50 m . In which direction is she  
from the starting point ?

- (1) east
- (2) north
- (3) north –east
- (4) south – west

141. Count the number of squares in the given figure :



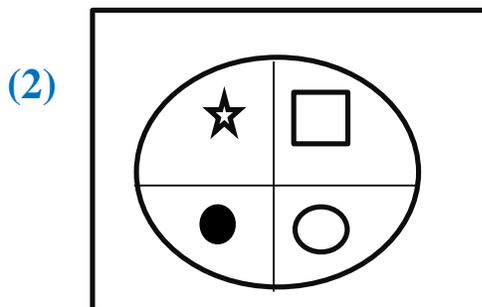
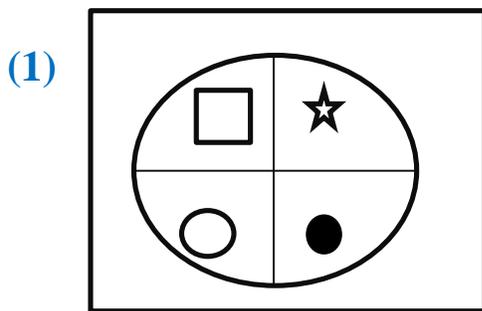
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- (1) 14
- (2) 13
- (3) 10
- (4) None of these

142. Find the fourth proportional to 3 , 7 , and 9 .

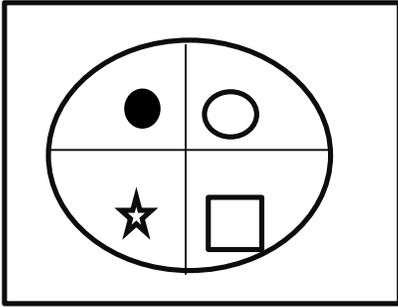
- (1) 23
- (2) 27
- (3) 21
- (4) None of these

143. Choose the figure , which is different from others.

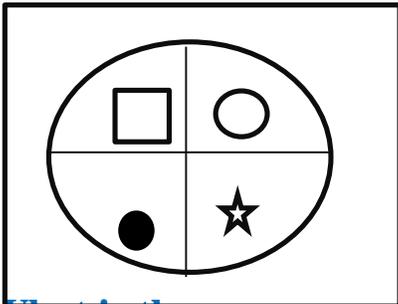


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(3)



(4)



144. What is the sequence of the following arranged in a dictionary ?

- (1) Telegraph
- 2) telephone
- (3) Teleprinter
- (4) telemetry

145. CLOCK is 42145. LEAN is 2068 CARE is 4690, then the NECKLACE is ?

- (1) 80546240
- (2) 6054842
- (3) 80452640
- (4) 50842604

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**146. Which among of the following year is a leap year ?**

- (1) 2500**
- (2) 2800**
- (3) 2600**
- (4) 2700**

**Directions; In each of the following questions, find the word which cannot be made from the letters of the given word.**

**147. CARPENTER**

- (1) NECTAR**
- (2) CARPET**
- (3) PAINTER**
- (4) REPENT**

**148. REASONABLE**

- (1) BRAIN**
- (2) BONES**
- (3) NOBLE**
- (4) ARSON**

**149. if '÷' stands for '×', '×' stands for '+', '+' stands for '-', then what is the value of  $7 \div 21 \times 81 + 9 - 3 \times 142$  ?**

- (1) 21**

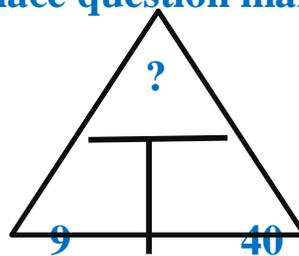
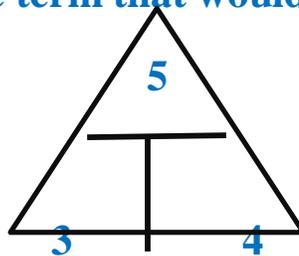
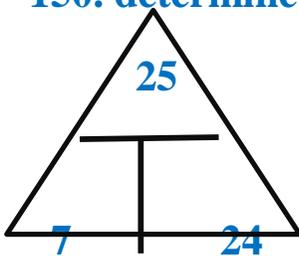
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(2) 24

(3) 27

(4) 28

150. determine the term that would replace question mark.



(1) 36

(2) 41

(3) 35

(4) 45

**ANSWERS**

1	C	26	C	51	D	76	C	101	C	126	C
2	B	27	D	52	A	77	A	102	B	127	A
3	C	28	C	53	B	78	A	103	D	128	A
4	B	29	B	54	A	79	C	104	C	129	D
5	B	30	A	55	C	80	A	105	B	130	C

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6	A	31	B	56	A	81	B	106	C	131	B
7	D	32	D	57	D	82	A	107	A	132	A
8	C	33	A	58	A	83	B	108	B	133	B
9	B	34	C	59	B	84	B	109	C	134	D
10	C	35	B	60	D	85	C	110	A	135	C
11	D	36	A	61	C	86	C	111	D	136	A
12	A	37	C	62	D	87	B	112	B	137	B
13	A	38	D	63	C	88	B	113	B	138	C
14	C	39	C	64	B	89	A	114	C	139	B
15	C	40	B	65	A	90	A	115	A	140	A
16	B	41	C	66	C	91	D	116	C	141	C
17	A	42	A	67	B	92	A	117	D	142	B
18	D	43	D	68	D	93	D	118	C	143	D
19	C	44	C	69	A	94	C	119	B	144	C
20	B	45	A	70	A	95	B	120	A	145	C
21	D	46	B	71	A	96	B	121	B	146	B
22	A	47	C	72	B	97	D	122	C	147	C
23	C	48	D	73	D	98	C	123	A	148	A
24	B	49	A	74	D	99	D	124	A	149	C
25	A	50	D	75	C	100	A	125	C	150	B