

Seat No.

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**0501**

Set

**D**

**Medium : English**

**Paper No. I**

**First Language and**

**Time : 11.00 A.M. to 12.30 P.M.**

**Pages : 32**

**Mathematics**

**Total Marks : 150**

*Read the following instructions carefully before you answer the questions.*

- (1) Question paper consists of *two* sections—Section **I** and Section **II**. Section **I** consists of **25** questions on First Language and in Section **II** there are **50** questions on Mathematics. *All 75* questions are compulsory.
- (2) *All* questions carry **2** marks each.
- (3) Time limit given to solve the question paper is **90** minutes.
- (4) Separate answer sheet is provided to register the answers. Four circles are given in front of every question. Choose the most correct alternative and mark it on the answer paper as shown below.

Example :— If Q. No. **6** has option number **2** as the correct answer, then completely darken the circle no. **2** as shown below :

Question No. **6**



- (5) Answers marked in the following way will carry zero marks.



- (6) Use blue or black ball pen to darken the circle. Pencil is not allowed. Circles darkened by pencil will not be accepted.
- (7) Once you have darkened the circle as correct alternative you cannot change it.
- (8) If more than one circles are darkened or overwriting is done, the answer will not be accepted.
- (9) The rough work is to be done in the space given under each page or on the last pages of the question paper.
- (10) If you do not know the answer to any question, do not spend much time on it and pass on to the next one. If the time permits you can come back to the question which you have left in the first instance and try them again.
- (11) If you find any question incomplete or with error, then do not ask anything to the Supervisor or Center Incharge.
- (12) For any error/mistake/objection about the questions one must give written application in person/by post/by E-mail directly to the Commissioner of the Council Examination. The school or parents should not approach Block Education Officer (BEO) or Education Officer (EO) for this matter.
- (13) The application regarding the objection on any question must reach the Council of Examination within 10 days, after the answer key is published by Council of Examination on their web-site. Only the applications that will reach within the given time limit will be considered.
- (14) Questions can be cancelled due to printing mistake or any other reason, on the basis of the suggestions given by the Committee of Experts.

## SECTION I

### First Language

1. 'The winners of the Quiz Contest received a big, shining trophy.'

→ The subject in the sentence above is .....

- (1) A big, shining trophy
- (2) The winners
- (3) The Quiz Contest
- (4) The winners of the Quiz Contest

2. Choose the *correct* form of the verb to fill in the blank :

The monkey-king ..... to the other side of the river and ordered others to do the same.

- (1) swing
- (2) swung
- (3) swung
- (4) swang

3. Choose *incorrect* option :

→ I know ..... well.

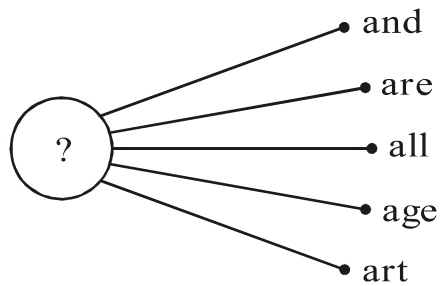
(1) you

(2) him

(3) them

(4) he

4. Choose the *correct* option to make five meaningful words.



(1) Sh.....

(2) St.....

(3) Sm.....

(4) Ch.....

5. Choose the *incorrect* command which we don't use while working on the computer :

(1) Control

(2) Shift

(3) Fold

(4) Copy

**Q. 6 & 7 :**

**Read the following carefully and complete the statement below :**

- (a) I looked bright and shiny and was kept in a display window.
- (b) I was transported in a big truck to a huge mall in Mumbai.
- (c) Finally, I fitted a young school boy perfectly and he bought me.
- (d) Many tried me on, but I did not fit them.
- (e) He now polishes me regularly and puts me on daily to school.
- (f) I was born in a factory at Kolhapur.

**6.** The above sentences are about :

- (1) a pair of socks
- (2) a pair of scissors
- (3) a pair of glass bangles
- (4) a pair of shoes

**7.** What should be the proper order of the sentences given in the above Autobiography ?

- (1) fbadce
- (2) abcdef
- (3) bacfed
- (4) eabcfcd



**Q. 8 to 10 :**

**Read the following News and answer the questions :**

Pune, July 20 : At SBES High School, Pune, teachers make their students use worksheets for written work, everyday, instead of note books. As a result, their school bags are lighter than before.

Some schools have installed water-purifiers on every floor. So students bring empty water-bottles and fill them up at school. This helps to reduce the weight of the bags they carry to school.

A few schools have provided lockers for their students to avoid carrying text-books back and forth to school. These schools collect and reuse old text-books from the previous batches and provide the same to the present batches for home use.

**8.** What could be the most appropriate Headline for the News above :

- (1) Schools Ban School Bags
- (2) Schools Work towards Lighter School-bags
- (3) Schools Provide Drinking Water
- (4) Schools Use Work books to Replace Note-books

9. Choose the *correct* option :

In some schools, students leave their text-books in lockers and use ..... to study at home.

- (1) pre-used text-books
- (2) another new set of text-books
- (3) library copies of text-books
- (4) no books at all

10. Pick out the *wrong* option :

As per the News report schools have taken the following steps to ensure that school bags are not too heavy :

- (1) Replaced note-books with work-sheets.
- (2) Provided lockers for school text-books.
- (3) Reduced the number of subjects.
- (4) Installed water-purifiers.

Q. 11 & 12 :

**Read the following extract from a skit and complete the statements :**

Characters : (1) Grandmother

(2) Rahul — Grandson

Grandma : Rahul, come here. Tell me, dear, why are you so sad ?

Rahul : Some boys in my class keep on teasing me. I feel very hurt. What should I do ?

Grandma : Well, I have an idea. Next time when they tease you, pretend that you cannot hear them. Ask them to repeat again and again, louder and louder, till they get fed up and quit.

(Next day, when Rahul returns from school)

Rahul : (rushing to grandmother) Hey, Grandma ! Grandma ! Guess what ? I did just as you told me to. Those guys repeatedly teased me, louder and louder and finally gave up. What's more the teachers overheard them and gave them a severe scolding. Thank you, grandma for your advice.

Grandma : That's my boy. Always tackle difficult people in a cool, wise and tactful manner.

11. Rahul was unhappy because .....

- (1) his classmates could not hear him.
- (2) teachers punished his classmates.
- (3) his grandmother ignored him.
- (4) some classmates teased him, very often.

12. Rahul's grandmother gave him a ..... solution to his problem.

- (1) useless and confusing      (2) loud and clear
- (3) simple and wise              (4) tough and impossible

13. Read the lines from the poem below and select the exact message :

'There may be mountain peaks to climb upon;  
There may be rivers fast and wide to ride on.  
Unless you dream, unless you try  
How will you know, how far you can fly ?'

→ The lines above advise us .....

.....

- (1) to become a mountaineer and conquer high peaks
- (2) to learn to cross wide gushing rivers in a boat
- (3) to be able to fly high in an aircraft
- (4) to set a goal and confidently try to reach it

14. Say what is missing in the address of the receiver of a letter :

To

Mrs. Ashwini S. Patil.

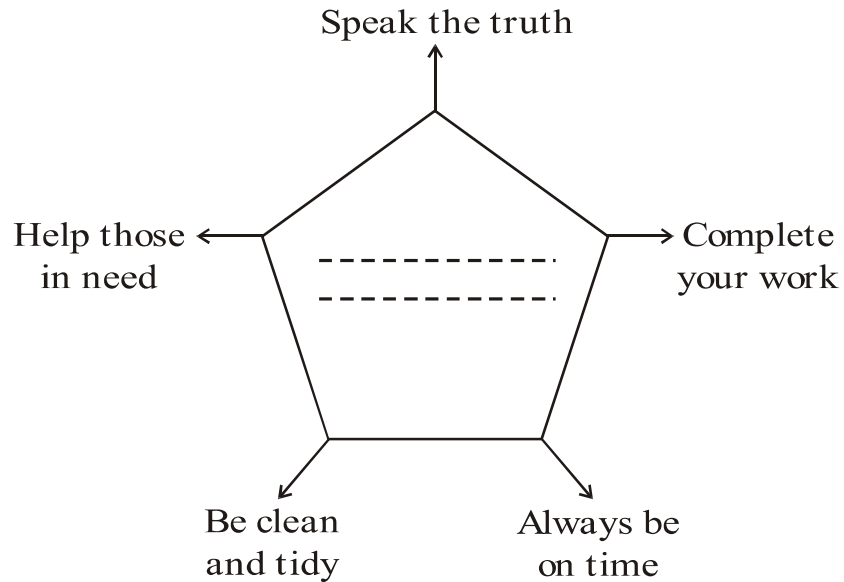
10, Sainath Apartments,

M.G. Road,

Maharashtra. (India)

- (1) Name of the Receiver
- (2) Name of the town and PIN
- (3) Name of locality
- (4) Date of dispatch

15. Choose the most appropriate alternative for the diagram below :



- (1) Good Habits
- (2) Good Work
- (3) Good Environment
- (4) Good Helpers

16. What punctuation mark will you put at the end of the sentence below ?

→ He won the gold medal, didn't he

(1) ! (2) ?

(3) " (4) .

17. What suffix will you add to the word care ..... to make it the opposite of 'Careful' ?

(1) .....ing (2) .....ly

(3) .....less (4) .....of

18. Pick the *correct* word to fill in the blank :

→ If you follow this map, you will not ..... your way.

(1) loose (2) lose

(3) loss (4) louse

19. Pick out the proper word for '*that which cannot be seen*'.

(1) Unseeable (2) Invisible

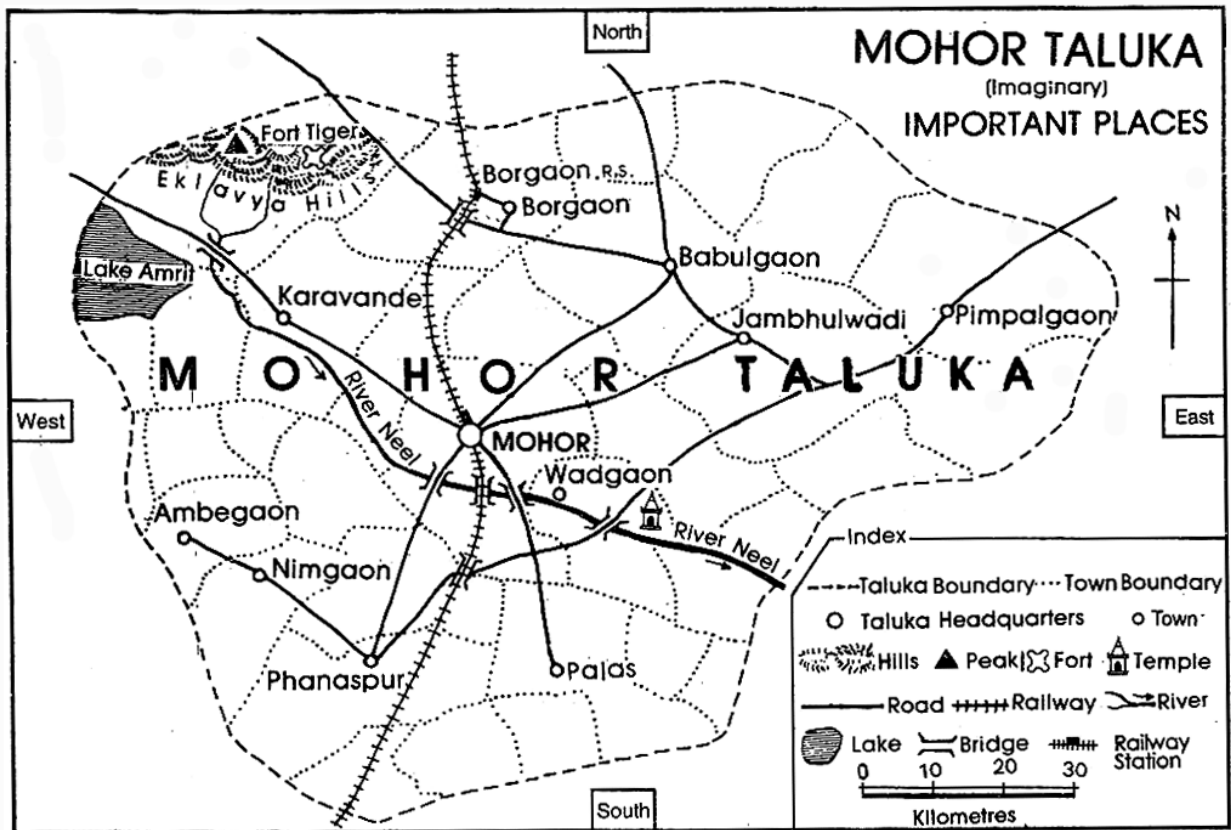
(3) Unclear (4) Transparent

20. If you arrange the following words in the alphabetical order, the word PERFUME will come in the ..... place.

→ perhaps, perfume perfect, perform

- (1) 3rd (2) 2nd  
 (3) 1st (4) 4th

21. Look at the Map of Mohor and complete the sentence :



→ The Railway track in Mohor Taluka runs in the ..... direction.

- (1) North-South (2) East-West  
 (3) North-East (4) East-South





## SECTION II

### Mathematics

26.  $7.7 + 0.7 + 00.70 + 0.07 + 0.77 + 0.00007 = ?$

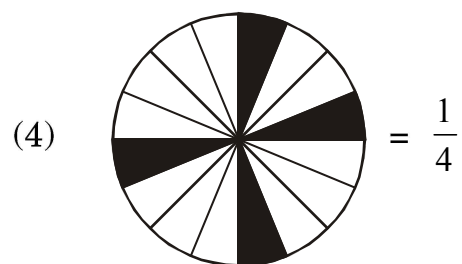
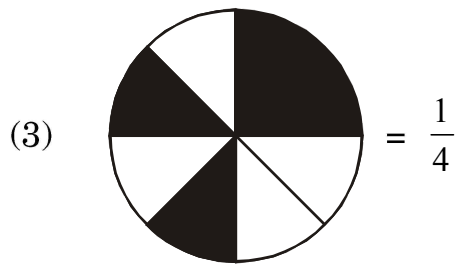
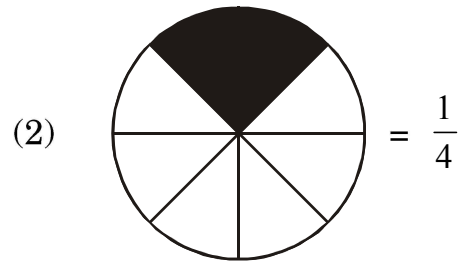
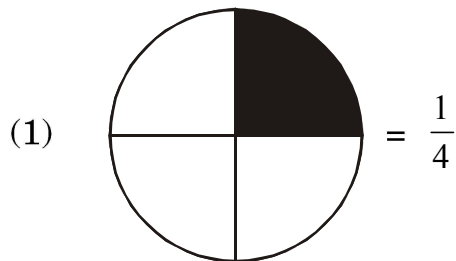
(1) 9.94007

(2) 99.4007

(3) 9.24707

(4) 9.2407

27. Which of the following alternatives is *wrong* ?



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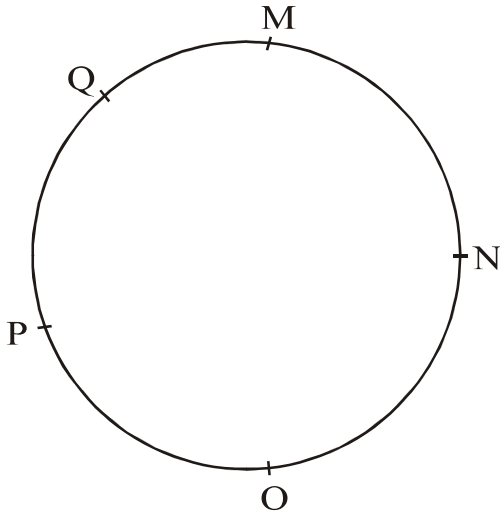
SPACE FOR ROUGH WORK



32. Gouri spent three hundred and fifty rupees for repairing TV set, which was purchased for Rs. 14,500. After some days she sold it for sixteen thousand rupees. Did she make a profit or a loss ? How much ?

- (1) Profit Rs. 1,050                      (2) Loss Rs. 1,050  
(3) Profit Rs. 1,150                      (4) Loss Rs. 1,150

33.



In the figure, if each of two points on the circle are joined, then how many maximum segments can be drawn ?

- (1) 6    (2) 8  
(3) 10    (4) 12

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**SPACE FOR ROUGH WORK**

34. If 5 quire (daste) pages out of 1 gross are used for printing, then how many pages remained ?

(1) 60 (2) 20

(3) 12 (4) 24

35. Sayali has covered 4 km distance in 10 minutes in Marathon race. How much distance will she cover in one minute ?

(1)  $\frac{4}{10}$  m (2) 800 m

(3) 400 m (4) 40 m

36. By how much is the sum of the number of faces and edges of cuboid is more or less than the sum of number of edges and vertices of a cube ?

(1) Less by 2 (2) More by 2

(3) Less by 6 (4) More by 6

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**SPACE FOR ROUGH WORK**

37. Which is the digit at the place of \* in the number  $6 * 54 *$ , which is divisible by 9 ?

(1) 6 (2) 7

(3) 8 (4) 9

38. Shabanum has some chocolates. She has given 15% of it to Joseph. If she has given 30 chocolates to Joseph, then how many chocolates does she have previously ?

(1) 90 (2) 150

(3) 60 (4) 200

39. Rahul gave Rs. 15,000 to Santosh for 3 years. Santosh gave him Rs. 4,500 as an interest, then what was the rate of interest percent per annum ?

(1) 10 (2) 15

(3) 9 (4) 8

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**SPACE FOR ROUGH WORK**

40. What is the sum of all divisors of 24 ?

(1) 59 (2) 36

(3) 60 (4) 66

41. By how much the sum of greatest five digit number and greatest two digit number is greater than smallest three digit number ?

(1) 1,00,098 (2) 99,998

(3) 99,999 (4) 1,00,198

42. Madhav was born on 15th June 2011, which was Thursday. What will be the day on his 5th birthday ?

(1) Tuesday (2) Thursday

(3) Saturday (4) Monday

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**SPACE FOR ROUGH WORK**

43. How many times  $\frac{6}{10}$  should be added to  $\frac{6}{10}$  to get the sum 3 ?

(1) 5 times (2) 3 times

(3) 4 times (4) 2 times

44. By how much is the sum of the place values of 4 in the number 40,56,784 greater than the place value of 5 ?

(1) 40,00,004 (2) 39,50,004

(3) 39,50,000 (4) 40,50,004

45. If the divisor in the division  $6363 \div 9$  is reduced by 2, then by how much the quotient will increase ?

(1) 1 (2) 10

(3) 100 (4) 202

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**SPACE FOR ROUGH WORK**

46. Which is the greatest five digit number formed by using the digits 5, 6, 7, 8, 9 only once and divisible by 8 ?

(1) 79856

(2) 97658

(3) 97586

(4) 97856

47. A cricket match started at 10 according to 24 hour clock. What will be the time according to 12 hour clock if it is ended at 16 : 45 ?

(1) 5 : 45

(2) 4 : 45

(3) 15 : 45

(4) 2 : 45

48. 50 percent of 50 is how much ?

(1) 50

(2) 100

(3) 25

(4) 75

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**SPACE FOR ROUGH WORK**





51. According to Roman numerals find  $M - D \div L = ?$

(1) 10

(2) 90

(3) 8

(4) 990

52. If the car is purchased for sixty five thousand rupees and sold it for fifty four thousand rupees, then how much was the loss ?

(1) ₹ 10,500

(2) ₹ 11,500

(3) ₹ 1,500

(4) ₹ 11,000

53. How many maximum number of notes of Rs. 50 could be there in total amount of Rs. 970 ?

(1) 17

(2) 18

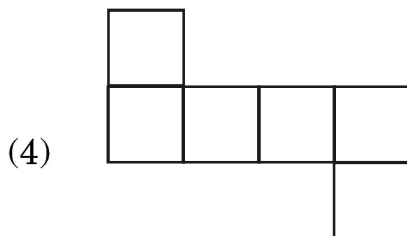
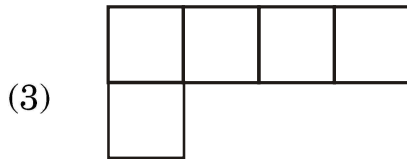
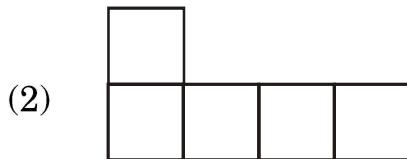
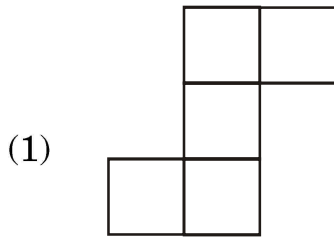
(3) 19

(4) 20

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**SPACE FOR ROUGH WORK**

54. From the following figures which is *not* a net for Pentomino ?



55. If there was a government holiday for second Saturday on 8th October, 2016, then what was the date on fourth Saturday ?

(1) 22nd October

(2) 24th October

(3) 23rd October

(4) 20th October

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**SPACE FOR ROUGH WORK**

56. If two rectangles having 13 cm length and 5 cm breadth are joined at the breadth, what is the perimeter of the new figure ?

(1) 67 cm

(2) 130 cm

(3) 72 cm

(4) 62 cm

57.  $\left(\frac{15}{7} + \frac{6}{7} - \frac{2}{7}\right) - \frac{4}{7} = ?$

(1)  $\frac{19}{7}$

(2)  $\frac{19}{21}$

(3)  $\frac{15}{7}$

(4)  $\frac{23}{7}$

58.  $b \times \frac{1}{8} = 8$ , then  $b = ?$

(1) 1

(2) 16

(3) 64

(4) 72

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**SPACE FOR ROUGH WORK**

**59.** There are 2100 trees of different types in Raosaheb's orchard. Out of these 25% are mango trees, 20% are coconut trees, 40% are jackfruit trees and remaining trees are of betel nut. How many betel nut trees are there in that orchard ?

(1) 105 (2) 525

(3) 315 (4) 415

**60.** A 42,000 millimetre long wire is cut equally at 6 places. What will be the length of each piece ?

(1) 7 m (2) 6 m

(3) 600 millimetre (4) 700 millimetre

**61.** Which is the greatest number from the following ?

0.06, 0.6, 6.0, 0.006

(1) 0.06 (2) 0.6

(3) 6.0 (4) 0.006

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**SPACE FOR ROUGH WORK**

62.  $\square \square \square$

$- \circ \circ \circ$   
-----

$\triangle \triangle \triangle$

Which digits will be there in the place of  $\square$ ,  $\circ$ ,  $\triangle$  respectively ?

(1) 7, 3, 5

(2) 9, 4, 5

(3) 9, 7, 3

(4) 2, 1, 0

63. What will be the sum of first and third number after arranging the numbers 4,97,998, 4,98,989, 4,97,889 and 4,97,999 in descending order ?

(1) 996987

(2) 996988

(3) 996878

(4) 996888

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**SPACE FOR ROUGH WORK**

**64.** Rohit has purchased 3 dozen pencils with the rate three and half rupees per pencil. He sold all the pencils for Rs. 150. Did he make a profit or a loss ? How much ?

- (1) Profit Rs. 120                      (2) Profit Rs. 24  
(3) Loss Rs. 24                        (4) Loss Rs. 42

**65.** Sushant wrote the amount Rs. 35 paise 5 as Rs. 35.5. What is the difference between these amounts ?

- (1) 45 paise                              (2) 55 paise  
(3) 50 paise                              (4) No difference

**66.** A rectangular field having length 855 m and breadth 205 m was sold with the rate Rs. 400 per square metre. What is the selling price of that field ?

- (1) Rs. 17,62,750                      (2) Rs. 7,01,10,000  
(3) Rs. 7,05,110                        (4) Rs. 7,05,10,000

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**SPACE FOR ROUGH WORK**





**69.** Swara deposited Rs. 20,000 in a bank for 5 years at the rate of

7 p.c.p.a. How much interest will she get ?

(1) Rs. 5,000 (2) Rs. 700

(3) Rs. 7,000 (4) Rs. 500

**70.** A bus has completed 4 rounds non-stop in a day from Nagpur to Vardha

and Vardha to Nagpur, every time 42 passengers travelled by that bus.

If a rate of ticket for a person is Rs. 85, what is the total income

of the bus that day ?

(1) Rs. 1,360 (2) Rs. 27,200

(3) Rs. 28,560 (4) Rs. 28,660

**71.** Write the number fifteen crore fifteen hundred and fifteen in figure :

(1) 1,50,01,515 (2) 15,00,00,515

(3) 15,01,50,015 (4) 15,00,01,515

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**SPACE FOR ROUGH WORK**

72. How many tens should be added in the result after subtracting 10 units from 42 tens for getting sum 5 hundred ?
- (1) 90 (2) 9  
(3) 180 (4) 18
73. 5 hours 35 minutes = how many minutes ?
- (1) 535 (2) 95  
(3) 300 (4) 335
74. From the following which statement is *false* ?
- (1) Diameter of a circle is twice its radius.  
(2) Diameter of a circle is the largest chord.  
(3) Radius of a circle is half of the diameter.  
(4) We can draw one and only one diameter to the circle.
75. Which number should be added to the number 85164 for getting the smallest 6-digit number ?
- (1) 14835 (2) 14836  
(3) 14736 (4) 14735

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**SPACE FOR ROUGH WORK**

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