

प्रश्नपुस्तिका पर्यवेक्षकांनी सांगितल्याशिवाय उघडू नये...

Do not open this booklet until asked to do so...

RATIONALIST TALENT SEARCH EXAM 2017

RTSE

Question Booklet

STD : V

वर्ग: 5 वा

Roll No.

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Date of Examination : 12 February 2017 Sunday

परीक्षार्थीसाठी सुचना / Guidelines for the Candidate

1. आपल्याच नावाची व परिक्षा क्रमांकाची उत्तर पत्रिका मिळाल्याची खात्री करून घ्यावी.
Check to make sure that you have received the appropriate answer sheet of your name and roll number.
2. परिक्षा सुरु होण्यापूर्वी विद्यार्थ्यांना त्यांच्या संपूर्ण माहितीची खात्री करण्यासाठी 30 मिनिटे अधिक वेळ देण्यात येईल.
You will get additional 30 minutes to check and make sure about the information about yourself on the Answer Sheet before the start of the exam.
3. सदर प्रश्नपुस्तिकेमध्ये एकूण 100 प्रश्न असून प्रत्येक प्रश्नासाठी 2 गुण आहेत.
This question booklet contains 100 questions each question carries 2 marks.
4. सर्व प्रश्न सोडविणे आवश्यक आहे. चुकीच्या उत्तराबद्दल मिळालेल्या गुणातून कुठल्याही प्रकारचे गुण वजा केले जाणार नाहीत.
All questions are compulsory. There is no negative marking.
5. आपल्याच वर्गाची प्रश्नपुस्तिका मिळाल्याची खात्री करून घ्यावी.
Check to make sure that you have received the appropriate test booklet for your standard.
6. पर्यायामध्ये केवळ एकच उत्तर बरोबर आहे. बरोबर उत्तरासाठी एकच पर्याय निवडावा.
There is only one correct answer. Choose only one option for an answer.
7. उत्तराचा पर्याय रंगविण्यासाठी केवळ काळा/ निळा रंगाचा बॉलपेनच वापरावा.
To mark your choice of answers by darkening the circles in the Answer Sheet, use a **Blue/Black Ball, Pen only. Eg.**

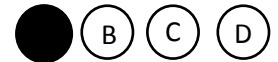
Q. x : - Fill in the blanks.

My father went..... To buy some milk.

a) there b) their c) They're d) here

As the correct answer is option a) you must darken the circle corresponding Q. x

To option a) in the Answer Sheet



8. परिक्षा संपल्यावर तुमची उत्तरपत्रिका पर्यवेक्षकाकडे परत करावी.
Return the Answer Sheet to the invigilator at the end of the exam.
9. आपल्या परिक्षा क्रमांक प्रश्नपुस्तिकेवर सुध्दा लिहावा व सदर प्रश्नपुस्तिका परिक्षा कालावधीनंतर आपल्या सोबत न्यावी.
Write your Roll No. on the Question Paper too and take it home for future reference.

Visit www.rtsexam.com for Answer key after 8 days

1. Fill in the blank with suitable preposition:
The cow was standing _____ the tree.
A) From B) For C) with D) under

2. Change the active voice into passive voice:
What does Sanay eat?
A) What is eating by sanay?
B) What is eats by sanay?
C) What is ate by sanay?
D) What is eaten by sanay?

3. Choose the correct adjective from the options given below:
_____ People think you are really stupid.
A) Little B) Less C) Some D) Any

4. Choose the wrongly spelt word from the options given below.
A) Triangle B) Telescope C) Television D) Scissors

5. Identify the kind of Noun:
Restaurant
A) Proper noun B) Common noun C) Material noun D) Abstract noun

6. Make meaningful word from jumbled letters:
LYXEERTME
A) Etrexemly B) Extremlye C) Extremely D) all of these

7. Fill in the blank with correct form of verb given in the bracket.
Nothing like this has _____ before. (happen)
A) happen B) happens C) happening D) happened

8. Pick out the best synonym of the given word.
Transparency
A) openness B) opacity C) spread D) utility

9. _____
A) _____ B) _____ C) _____ D) _____

10. _____
A) 4,2,1,3 B) 4,1,2,3 C) 4,1,3,2 D) 1,2,3,4

19. 9 180

A) 10 B) 20 C) 18 D) 15

Raj Bought 9 kg of ground nuts. He saved Rs. 180 by using a store coupon. How much did he save per Kg of ground nuts?

- A) Rs 10 B) Rs 20 C) Rs 18 D) Rs 15

20. $XC + XL =$

A) 120 B) 130 C) 150 D) 110

21. 43, 29, 52, 280 43, 29, 25, 280

A) > B) < C) = D) >, <

22. 2530 55

2530 Soldiers were sent out on a mission. Each army truck could carry a maximum of 55 soldiers. How many army trucks were needed to carry all 2530 soldiers?

- A) 47 B) 46 C) 45 D) 44

23. Which one of the following is a proper fraction?

A) - B) - C) - D) -

24. 8 : 5 ?

Name the largest five digit number divisible by 8.

A) 99984 B) 99992 C) 99988 D) 99884

25. 12 7 ?

A) 84 cm^2 B) 86 cm^2 C) 38 cm^2 D) 42 cm^2

The length of a rectangle is 12 cm and width is 7 cm find the area of rectangle.

A) 84 cm^2 B) 86 cm^2 C) 38 cm^2 D) 42 cm^2

26. / Simplify : $-(-)$

A) — B) — C) — D) —

27. — ?

A) — B) — C) — D) —

Which of the following fractions is equivalent to — ?

A) — B) — C) — D) None of these

35.

?

- A)
- B)
- C)
- D)

What precautions should we take to keep our ear in good condition?

- A) Keep the ears dry
- B) Clean the ears with dry towel
- C) Do not use sharp objects to clean your ear.
- D) all of these

36.

?

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

What is the smallest measurement unit of the length?

- A) Millimeter (mm)
- B) Centimeter(cm)
- C) Kilometer (km)
- D) Meter (m)

37.

?

- A)
- B)
- C)
- D)

Which one of the following is an oil yielding crop?

- A) Cotton
- B) Castor
- C) Soya been
- D) all of these

38.

- A)
- B)
- C)
- D)

Protection of soil from erosion is known as _____.

- A) Soil erosion
- B) Soil Conservation
- C) Deforestation
- D) none of these

39.

?

- A)
- B)
- C)
- D)

The biggest sense organ of our body is _____

- A) Eye
- B) Nose
- C) Skin
- D) Ear

40.

- A)
- B)
- C)
- D)

Which one of the following is a part of circulatory system?

- A) Heart
- B) Blood
- C) Blood vessels
- D) all of these

41.

- A)
- B)
- C)
- D)

Anemia is a disease caused due to lack of _____.

- A) Calcium
- B) Iron
- C) Iodine
- D) Potassium

42.

?

- A)
- B)
- C)
- D)

Earthquakes are measured on _____.

- A) Richter scale
- B) Barometer
- C) Thermometer
- D) none of these

43.

- A)
- B)
- C)
- D)

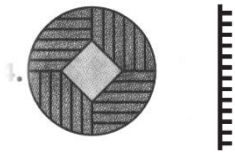
Which one of the following food is rich in Carbohydrate?

- A) Milk
- B) Egg
- C) Rice
- D) Pulse

44.

Find the mirror image of the given question figure from the answer figures.

/ Question Figure



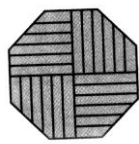
/ Answer Figures

- A)
- B)
- C)
- D)

45.

Find the water image of the question figure from the answer figures

/ Question Figure

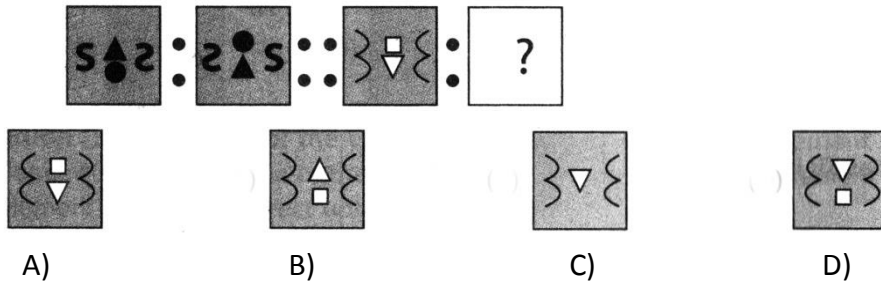


/ Answer Figures

- A)
- B)
- C)
- D)

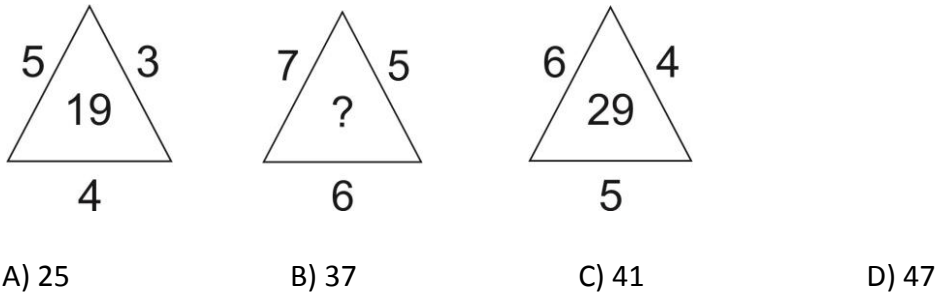
46.

There is certain relationship between the pair of figures on the either side of :: identify the relationship and find the missing figure.



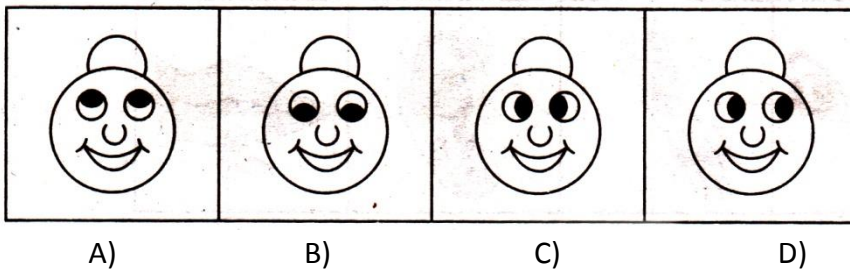
47.

Identify the pattern and find out the missing character at the place of question mark.



48.

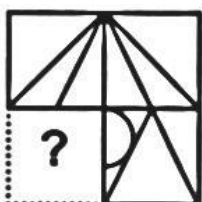
Find the odd man out.



49.

Which of the following figures will complete the question figure?

/ Question Figure



/ Answer Figure



A)



B)



C)

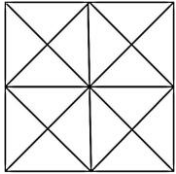


D)

50.

?

Count the numbers of squares in the given figure.



A) 8

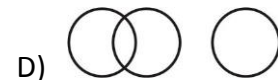
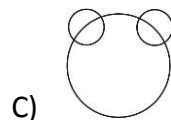
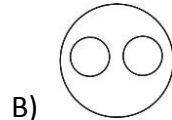
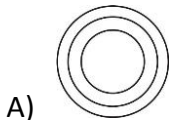
B) 11

C) 10

D) 9

51.

Which one of the following Venn diagrams correctly illustrates the relationship among the classes : carrot, food and vegetable?



52.

BACK

CBDL

HAND

A) GMBC

B) IBME

C) IBOE

D) GBOC

If 'BACK' is coded as 'CBDL' then 'HAND' will be coded as _____

A) GMBC

B) IBME

C) IBOE

D) GBOC

53.

POT : >< ⊙ TOP = ?

A) < ⊙ >

B) < > ⊙

C) < ><

D) ⊙ < >

POT : >< ⊙ then TOP = ?

A) < ⊙ >

B) < > ⊙

C) < ><

D) ⊙ < >

54.

Find odd man out from the following number series.

16, 25, 63, 49, 100, 81

A) 49

B) 63

C) 25

D) 81

55.

?

Which number will replace (?) in the number series below?



A) 63

B) 75

C) 121

D) 109

56.

1.

2.

3.

4.

5.

A) 2,3,4,5,1

B) 3,4,2,5,1

C) 4,1,2,5,3

D) 2,4,1,5,3

Arrange the given words in a meaningful sequence.

1. Poverty

2. Population

3. Death

4. Unemployed

5. Lack of food

A) 2,3,4,5,1

B) 3,4,2,5,1

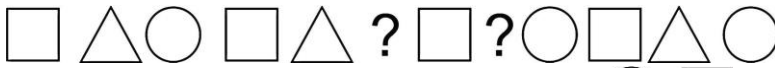
C) 4,1,2,5,3

D) 2,4,1,5,3

57.

?

Which symbols will replace the question mark in the series given below.



A) triangle, square

B) circle, triangle

C) circle, square

D) triangle, circle

58.

$4 = 20, 6 = 42, 8 = 72, 10 = ?$

IF $4 = 20, 6 = 42, 8 = 72$, then $10 = ?$

A) 101

B) 120

C) 110

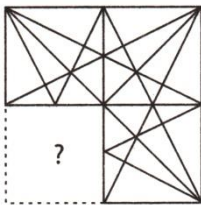
D) 90

59.

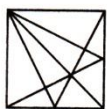
'X'

Select a figure from the options, which when placed in the blank space of fig.(x) would complete the pattern.

/ Question Figure



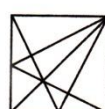
/ Answer Figures



A)



B)



C)



D)

60.

Which word cannot be made from the letters of the given word?

INTELLIGENT

- A) INTEL
- B) GENTLE
- C) HILT
- D) ELITE

61.

- A)
- B)
- C)
- D)

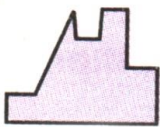
Malaria disease is caused by _____.

- A) Plasmodium
- B) Planaria
- C) Filarial
- D) Aurelia

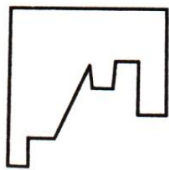
62.

Select a figure from the given options which fits exactly into question figure to form a complete square.

/ Question Figure



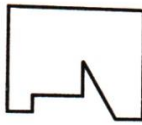
/ Answer Figures



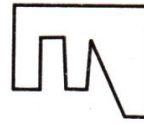
A)



B)



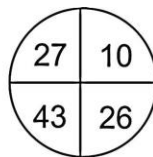
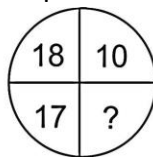
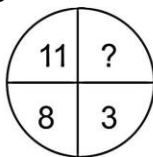
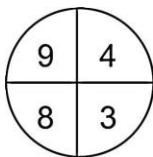
C)



D)

63.

Find the missing numbers at the place of question mark?



- A) 6, 9
- B) 9, 8
- C) 9, 0
- D) 8,9

64.

----- ?

- A)
- B)
- C)
- D)

Lord Buddha was born in a place called _____

- A) Kundalgram
- B) Patliputra
- C) Kapilavastu
- D) Lumbiani

65.

?

- A)
- B)
- C)
- D)

Shah Jahan built the famous Taj Mahal at Agra in the memory of his wife? What was her name?

- A) Mumtaz Mahal
- B) Nurjahan
- C) Jodha Bai
- D) Gulbadan Begum

66. _____ ?

- A) _____ B) _____ C) _____ D) _____

Where is the Harappa archaeological site located?

- A) Kashmir B) Punjab C) Multan D) Faisalabad

67. _____

- A) _____ B) _____

- C) _____ D) _____

The mature phase of Indus Valley civilization is known as _____

- A) Indian Civilization B) Aryans Civilization
C) Harappan Civilization D) Dravidian Civilization

68. _____ ?

- A) _____ B) _____

- C) _____ D) _____

Who founded the Maratha Kingdom?

- A) Sambhaji Maharaj B) Shahaji Raje Bhosle
C) Rajaram D) Shivaji Maharaj

69. Which one of the following symbols represents no horn zone?



- A) B) C) D)

70. _____
A) _____ B) _____ C) _____ D) _____

Which one of the following animal has four legs?

- A) Pigeon B) Snake C) Dog D) Fish

71. _____
A) _____ B) _____ C) _____ D) _____

Pollution can be checked by the use of :

- A) CNG B) LPG C) Bio Gas D) all of these

72. _____ ?
A) _____ B) _____ C) _____ D) _____

81. -----
 A) Sun is a ?
 A) Star B) Planet C) Comet D) Asteroid
82. ?
 Total number of states in India are?
 A) 30 B) 28 C) 29 D) 27
83. ?
 Narsingh Yadav is associated with which sport?
 A) Boxing B) Cricket C) Wrestling D) Badminton
84. ' ' ?
 A) Who is the author of the book – Wings of fire?
 B) APJ Abdul Kalam C) Jawaharlal Nehru
 D) Indira Gandhi E) Ratan Tata
85.
 A) Which of these metals is not known to people lived in Indus valley cities?
 B) Cooper C) Lead D) Iron E) Tin
86. ?
 A) Where was the Round Table Conference held?
 B) Mumbai C) Delhi D) London E) Dubai
87. ' ' ?
 A) "Delhi Chalo" – whose slogan was this?
 B) Subhash Chandra Bose C) Aurobindo Ghosh
 D) M.K.Gandhi E) Bhagat Singh
88. ?
 A) B)
 C) D)

96. -----
A) B) C) D)
Lalita Babar is a famous _____
A) Social Worker B) Film Actor C) Journalist D) Sports personality

97. ?
How much % of oxygen is there in the air?
A) 78 % B) 21 % C) 1 % D) 20%

98. _____ ?
A) B) C) D)
Indian National Game is _____
A) Hockey B) Cricket C) Kabbadi D) Badminton

99. ?
A)
B)
C)
D)
What is the "Rule of law" ?
A) Every – one must follow the law
B) Leaders must obey the law
C) No one is above the law
D) all of these

100. ?
A) B) C) D)
Which planet is the closest to the sun?
A) Mercury B) Pluto C) Earth D) Jupiter