

TALENT SEARCH EXAMINATION

Class:

Date:

Reg. No.

Instructions:

- 1. Duration of the test is 60 minutes.*
- 2. This questions paper contains 50 questions carrying 2 marks each.*
- 3. A cool off time of 10 minutes will be provided.*
- 4. Each question is provided with four choices (A), (B), (C) and (D) having one correct answer. Choose the correct answer and darken the bubble corresponding to the question number using Blue or Black Ball Point Pen in the OMR Answer Sheet.*
- 5. Each correct answer carries 2 marks and for each wrong answer 1/2 mark will be deducted. No negative mark for unattended questions.*
- 6. Rough work can be done anywhere in the booklet but not on the OMR sheet/loose paper.*

TM

break for a change

The questions:

- 1 to 6 are based on English,
- 7 to 13 are based on Science,
- 14 to 20 are based on Mathematics,
- 21 to 35 are based on GK and Current affairs and
- 36 to 50 are based on Logical reasoning and mental ability.

1. Please, don't laugh _____ those beggars

- a) for
- b) against
- c) at
- d) from

2. Chirag hardly ever cooks, _____?

- a) isn't he
- b) he doesn't
- c) doesn't he
- d) does he

3. Pawan said to me, "If I hear any news, I'll phone you."

- a) Pawan told me that if he heard any news, he will phone me.
- b) Pawan told me that if he will hear my news, he will phone me.
- c) Pawan told me that if he had heard any news, he would phone me.
- d) Pawan told me that if he heard any news, he would phone me.

4. Synonym of the word: **Goad**

- a) Soothe
- b) Save
- c) Irritate
- d) Worship

5. What does the idiom 'To pick holes' mean?

- a) To find some reason to quarrel
- b) To destroy something
- c) To criticize someone
- d) To cut some part of an item

6. Choose an option to correct the given sentence.

The man to **who I sold** my house was a cheat

- a) to whom I sell
- b) to who I sell

- c) who was sold to
- d) to whom I sold

7. The development of seed into seedling which further develop to plant is called

- a) Conservation
- b) Seed dispersal
- c) Germination
- d) None of these

8. Which of the following is a rock?

- a) Marble
- b) Basalt
- c) Granite
- d) All of these

9. Fossil fuels are usually found

- a) In the atmosphere
- b) Below the ground
- c) At the bottoms of sea
- d) Both (b) and (c)

10. The protection of soil against erosion is called ____.

- a) Soil fertility
- b) Soil conservation
- c) Soil erosion
- d) Soil ploughing

11. Malaria is spread by which type of mosquito?

- a) Aedes
- b) Anopheles
- c) Culex
- d) None of these

12. A group of stars that form a beautiful pattern is known as _____.

- a) Comets

- b) Asteroids
- c) Constellation
- d) Meteors

13. _____ is the longest bone in the body.

- a) Humerus
- b) Fibula
- c) Radius
- d) Femur

14. When n is divided by 6, the remainder is 4. When $2n$ is divided by 6, the remainder is _____.

- a) 2
- b) 3
- c) 4
- d) 6

15. The total number of integers between 100 and 200, which are divisible by both 9 and 6, is

- a) 10
- b) 6
- c) 23
- d) 8

16. $105 \times 105 =$ _____?

- a) 15505
- b) 22545
- c) 12095
- d) 11025

17. Find the sum of $\frac{11}{8} + \frac{9}{8}$

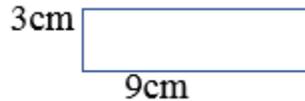
- a) $\frac{20}{16}$
- b) $\frac{10}{2}$
- c) $\frac{5}{2}$

d) $\frac{20}{4}$

18. Find the area of circle with diameter 8cm.

- a) 50.24
- b) 64
- c) 200.94
- d) 16

19. Find the area of the given rectangle.



- a) 12 cm²
- b) 24 cm²
- c) 18 cm²
- d) 27 cm²

20. Find HCF of 8 and 20?

- a) 2
- b) 4
- c) 40
- d) 16



21. PDF stands for

- a) Private Document File
- b) Portable Document Format
- c) Private Document Format
- d) Portable Document File

22. Grand Central Terminal, Park Avenue, New York is the world's

- a) highest railway station
- b) longest railway station
- c) largest railway station
- d) None of the above

23. Ball pen function on which one of the following principle?

- a) Boyle's law
- b) Gravitational force

- c) Surface tension
- d) Viscosity

24.Who invented the Ball Point Pen?

- a) Biro Brothers
- b) Waterman Brothers
- c) Bicc Brothers
- d) Write Brothers

25.“Macintosh” an Operating System is a product of which company?

- a) Microsoft
- b) Apple
- c) Intel
- d) Google

26.Who is the father of Economics?

- a) Max Muller
- b) Adam Smith
- c) Karl Marx
- d) None of these above

27.Which is the richest state in India?

- a) Tamil Nadu
- b) Maharashtra
- c) Kerala
- d) Karnataka

28.Abdul Kalam Azad became the ____ President of India.

- a) 9th
- b) 10th
- c) 11th
- d) 12th

29.The swaraj party was formed by

- a) Motilal Nehru

- b) C.R.Das
- c) Gandhiji
- d) Both A and B

30.“Glimpses of World history” is Written by ?

- a) Rabindranath tagore
- b) H G Wells
- c) Mark twain
- d) Jawaharlal Nehru

31.Film and TV institute of India is located at

- a) Pune (Maharashtra)
- b) Rajkot (Gujarat)
- c) Pimpri (Maharashtra)
- d) Perambur (Tamilnadu)

32.Who is regarded as the father of modern chemistry?

- a) Einstein
- b) Lavoisier
- c) Rutherford
- d) C.V. Raman

33.Energy travels from Sun to Earth through

- a) Conduction
- b) Convection
- c) Radiation
- d) Modulation

34.Who established the Mughal Dynasty?

- a) Akbar
- b) Babur
- c) Humayun
- d) Bahadur Shah

35.Sattriya is a classical dance form of which State?

- a) Manipur
- b) Uttar Pradesh
- c) Assam
- d) Andhra Pradesh

36. 1, 9, 25, 49, __, 121

- a) 64
- b) 81
- c) 91
- d) 100

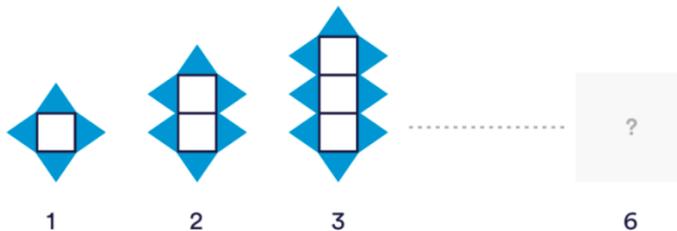
37. Odd one out

- a) 13
- b) 17
- c) 23
- d) 63

38. In a line of boys, Naman is 11th from the top and Sohan is 5th from the bottom. If Naman is 5 students ahead of Sohan, then how many students are there in the line?

- a) 19
- b) 20
- c) 21
- d) 22

39. How many triangles will be in the 6th shape?



- a) 10
- b) 12
- c) 14

d) 16

40.How many 5's are there in the following sequence which are immediately followed by 3 but not immediately preceded by 7 ?

8 9 5 3 2 5 3 8 5 5 6 8 7 3 3 5 7 7 5 3 6 5 3 3 5 7 3 8

a) 3

b) 6

c) 4

d) 8

41.How many 8's are there in the following number series which are exactly divisible by its immediately preceding and also divisible by immediately succeeding numbers?

8 2 4 5 1 7 2 8 4 8 4 2 2 8 2 6 9 8 4 5 4 8 3 2 8 4 3 1 8 3

a) 3

b) 4

c) 6

d) 7

42.In a row of boys, Alex is seventh from the left and Madhu is twelfth from the right. If they interchange their positions, Alex becomes twenty-second from the left. How many boys are there in the row?

a) 31

b) 32

c) 33

d) 34

43.If the seventh day of a month is three days earlier than Friday, what day will it be on the nineteenth day of the month?

a) Monday

b) Sunday

c) Tuesday

d) Friday

44. Reaching the place of meeting on Tuesday 15 minutes before 08.30-hour, Anu found himself half an hour earlier than the man who was 40 minutes late. What was the scheduled time of the meeting?

- a) 8.15 am
- b) 8.05 am
- c) 8.30 am
- d) 8.45 am

45. The train for Lucknow leaves every two and a half hours from New Delhi Railway Station. An announcement was made at the station that the train for Lucknow had left 40 minutes ago and the next train will leave at 18.00 hrs. At what time was the announcement made?

- a) 16.00 hrs
- b) 15.30 hrs
- c) 16.10 hrs
- d) 15.40 hrs

46. Which is the number that comes next in the following sequence ?

1, 9, 17, 33, 49, 73, ?

- a) 90
- b) 97
- c) 89
- d) 105

47. Reena said, "The man going on the road is my mother's husband". How is the man related to Reena?

- a) Brother
- b) Son
- c) Father
- d) Uncle

48. If code of 'EF' is 'FG', then find the code of 'AB'

- a) DE

- b) BC
- c) CB
- d) BA

49. If the code for 'G' = '20', then code for 'J' = '?'

- a) 18
- b) 17
- c) 19
- d) 23

50. Find the radius of a circle whose perimeter is 4.4 m.

- a) 70 cm
- b) 60 cm
- c) 35 cm
- d) 75 cm



ANSWER KEY

1. c) at
2. d) does he
3. d) Pawan told me that if he heard any news, he would phone me.
4. c) Irritate
5. c) To criticize someone
6. d) to whom I sold
7. c) Germination
8. d) All of these
9. d) Both (b) and (c)
- 10.b) Soil conservation
- 11.b) Anopheles
- 12.c) Constellation
- 13.d) Femur
- 14.a) 2
- 15.b) 6
- 16.d) 11025
- 17.c) $\frac{5}{2}$
- 18.a) 50.24
- 19.d) 27 cm²
- 20.b) 4
- 21.b) Portable Document Format
- 22.c) largest railway station
- 23.c) Surface tension
- 24.a) Biro Brothers
- 25.b) Apple
- 26.b) Adam Smith
- 27.b) Maharashtra

- 28.c) 11th
- 29.d) Both A and B
- 30.d) Jawaharlal Nehru
- 31.a) Pune (Maharashtra)
- 32.b) Lavoisier
- 33.c) Radiation
- 34.b) Babur
- 35.c) Assam
- 36.b) 81
- 37.d) 63
- 38.b) 20
- 39.c) 14
- 40.a) 3
- 41.b) 4
- 42.c) 33
- 43.b) Sunday
- 44.b) 8.05 am
- 45.c) 16.10 hrs
- 46.b) 97
- 47.c) Father
- 48.b) BC
- 49.b) 17
- 50.a) 70 cm

