

# Bharat Talent Search Exam 2026

Std. 8th  
Time : 2 hr.

Medium : English

Total Qus. : 75  
Total Marks : 150

Subject : Language, Mathematics, Science, Geography, Civics, Logical Thinking

## Section A

Q.1 **Prefix**

Which prefix means 'again'?

- 1) un-                      2) dis-                      3) re-                      4) mis-

Q.2 **Pronoun**

Which of the following is a pronoun?

- 1) Apple                      2) He                      3) Chair                      4) Play

Q.3 **Type of Questions**

What type of question is: 'Do you like tea?'

- 1) Yes/No question                      2) WH-question                      3) Command                      4) Exclamation

Q.4 Choose the correct transformation into passive voice of following sentence

'They are repairing the road.'

- 1) The road was repaired by them.                      2) The road is repaired by them.  
3) The road has been repaired by them.                      4) The road is being repaired by them.

Q.5 Which of the following groups is of rational numbers?

- 1)  $5.\overline{812}$ ,  $\frac{48}{13}$ ,  $0$ ,  $\sqrt{2}$                       2)  $\sqrt{15}$ ,  $\sqrt{81}$ ,  $\frac{3}{5}$ ,  $-2$   
3)  $\sqrt{49}$ ,  $-8$ ,  $\sqrt{324}$ ,  $1.\overline{13}$                       4)  $\sqrt{12}$ ,  $\sqrt{64}$ ,  $0$ ,  $\frac{5}{8}$

Q.6 Students from a school went on a camping trip to the Karnala Bird Sanctuary.  $\frac{1}{8}$  of the girls and  $\frac{1}{5}$  of the boys participated in the social service camp. What fraction of the total students participated in the camp?

- 1)  $\frac{13}{40}$                       2)  $\frac{1}{40}$                       3)  $\frac{2}{13}$                       4) Insufficient information

Q.7 Which of the following Indian mathematicians of the 5th century discovered the value of  $\pi$  as 3.1416, which is accepted even today?

- 1) Bhaskaracharya                      2) Varahamihira                      3) Brahmagupta                      4) Aryabhata I

Q.8 Choose the different option.

- 1) India's natural divisions - five                      2) Himalayan mountain range - four  
3) Indian plains - seven                      4) Indian coastal plains - three

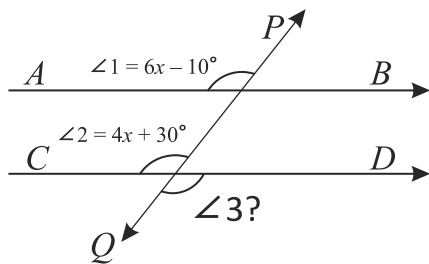
Q.9 If the ozone layer decreases, what will be the effect on the human body?

- a) Human skin and related diseases  
b) Increase in Earth's temperature  
c) Direct ultraviolet rays from the sun will reach Earth  
d) There will be no effect on Earth's atmosphere  
1) a, b correct                      2) a, b, c, correct                      3) a and b correct                      4) only d correct

- Q.10 What will happen if the dead bodies of plants and animals are not decomposed?  
 i) Piles of garbage will accumulate on Earth.  
 ii) The substances in their bodies will not be released.  
 iii) The substances in their bodies will mix in the soil.  
 iv) All of the above will happen.  
 1) option iv                      2) option i and ii                      3) option i and iii                      4) option i and iv
- Q.11 Identify the incorrect statement.  
 1) Interaction does not occur between living and non-living components.  
 2) There is an interdependent relationship between living organisms and their habitat or environmental factors.  
 3) Microorganisms decompose dead or decaying organic matter.  
 4) Hydrogen, Oxygen and Nitrogen are inorganic substances.
- Q.12 Which of the following numbers is the largest?  
 $0.\overline{7}$ ,  $0.\overline{7}$ ,  $0.0\overline{7}$ ,  $0.0\overline{7}$   
 1)  $0.\overline{0\overline{7}}$                       2)  $0.0\overline{7}$                       3)  $0.\overline{7}$                       4)  $0.\overline{7}$
- Q.13 Direction: Below is given a statement followed by two arguments (I and II). You have to decide which argument is strong with reference to the statement.  
 Question (Statement): "Should the use of E-books and tablets should be made compulsory in all schools, completely replacing printed textbooks?"  
 Argument I: Yes, this will help in saving paper, protect the environment, and students will not have to carry the burden of heavy school bags.  
 Argument II: No, continuous exposure to screens may affect students' eyesight and students from poor rural backgrounds may not be able to afford this technology.  
 A) Only Argument I is strong.  
 B) Only Argument II is strong.  
 C) Neither Argument I nor Argument II is strong.  
 D) Both Argument I and Argument II are strong.
- Q.14 'Next to the house' is describing:  
 1) Direction or position                      2) Color                      3) Shape                      4) Sound
- Q.15 Which phrase shows location?  
 1) in the garden                      2) after lunch                      3) without fear                      4) of great value
- Q.16 Find the phrase that means 'very far away.'  
 1) under the table                      2) far from home                      3) by the door                      4) near the road
- Q.17 The lengths of the sides of a triangle are given in the following options. From which option's measurements can a triangle not be drawn?  
 1) 4.3 cm, 3.2 cm, 7.8 cm                      2) 2.4 cm, 3 cm, 4 cm  
 3) 3.5 cm, 4.5 cm, 7.5 cm                      4) 5.2 cm, 3.8 cm, 7.2 cm

- Q.18 The ratio of the angles of a triangle is 2:3:4. Find the difference between the largest and smallest angles of the triangle.  
 1)  $50^\circ$                       2)  $110^\circ$                       3)  $40^\circ$                       4)  $90^\circ$
- Q.19 Two tracks are parallel. A train runs on one track and changes tracks at a certain point, making an angle of  $30^\circ$  with the original track. What is the measure of the angle it makes with the other track at the same time?  
 1)  $120^\circ$                       2)  $100^\circ$                       3)  $90^\circ$                       4)  $150^\circ$

Q.20



- In the figure given below, line AB is parallel to line CD and PQ is a transversal. What will be the measure of an angle 3 ?  
 1)  $100^\circ$                       2)  $120^\circ$   
 3)  $110^\circ$                       4)  $160^\circ$

- Q.21 Which crop has occupied the largest area in India?  
 1) Wheat                      2) Cotton                      3) Rice                      4) Tea

**Section B**

- Q.22 Which chemical in Chinese food is harmful to the body?  
 1) Vinegar                      2) Chili sauce                      3) Ajinomoto                      4) Salt
- Q.23 Identify the factors related to population distribution.  
 Climate: Natural factor :: Market: ...  
 1) Political                      2) Social                      3) Economic                      4) None of these
- Q.24 What year does ISRO plan to build the Indian Space Station?  
 1) 2025                      2) 2026                      3) 2027                      4) 2028
- Q.25 A question paper has 25 questions, 7 marks are awarded for each correct answer, but 3 marks are deducted for each incorrect answer. Gautami got 95 marks in this exam, how many questions did she answer incorrectly?  
 1) 11                      2) 8                      3) 9                      4) 6

Instructions for Q.26 to Q. 28 - Read the following Notice Board and answer the questions

1. Food is divine.
2. Donating food is the greatest form of donation.
3. Offering food respectfully is a sacred act.
4. Eating with joy keeps one healthy.
5. Every grain of food has value.
6. While taking food, think about whether others will get enough to eat.
7. Behind every grain of food lies a farmer's hard work.
8. When food is served with love, it brings happiness to the heart.

- Q.26 What does joyful eating help with, as per the notice?  
 1) Improves memory    2) Improves health    3) Builds muscles    4) Increases speed
- Q.27 Why should we think while taking food?  
 1) To count calories    2) To avoid overeating  
 3) To ensure others also get enough    4) To check taste
- Q.28 Which action is called a sacred act in the notice?  
 1) Playing games    2) Giving food with respect  
 3) Sleeping early    4) Washing clothes
- Q.29 The price of jowar is directly proportional to its weight. If 15 kilograms of jowar cost ₹450, what is the price of 1 quintal of jowar?  
 1) ₹3000    2) ₹2500    3) ₹900    4) ₹300
- Q.30 A circular advertisement board has a radius of 4.1 meters. How much will it cost to paint both sides of 7 such boards at the rate of ₹25 per square meter?  
 1) ₹3156    2) ₹18474    3) ₹2265    4) ₹1576
- Q.31 The ratio of the radius of two circles is 1:3. What is the ratio of their areas?  
 1) 1:9    2) 0:4    3) 2:18    4) 9:11
- Q.32 10 workers can complete a work in 15 days. If the number of workers is increased by 5 and the amount of work is increased by 20%, how many days will be required to complete the work?  
 1) 10 days    2) 12 days    3) 14 days    4) 16 days
- Q.33 Identify the odd one out:  
 1) Iron    2) Copper    3) Mercury    4) Gypsum
- Q.34 A) If there is a small population, there is no need for a large amount of food.  
 B) If there is a small population, it is easier to provide health facilities.  
 C) If there is a large population, a large amount of manpower is readily available.  
 1) Only statement A is true.    2) Only statements A and B are true.  
 3) All statements are true.    4) All statements are false.
- Q.35 What are the advantages of increasing National highway numbers?  
 A) Time is saved.  
 B) The tourism industry grows.  
 C) The country progresses.  
 D) Fuel is saved.  
 1) A, C, D    2) A, B, C  
 3) None of the above    4) All of the above
- Q.36 Identify the incorrect statement related to ethanol.  
 1) Ethanol saves fuel.    2) Reduces dependence on foreign oil.  
 3) Reduces pollution.    4) All of the above.

### Section C

Q.37 Shamim has some balls of three colors. When asked how many balls he has, he replied, "If I remove 7 balls, all the remaining balls are blue; if I remove 7 balls, all the remaining balls are red; and if I remove 10 balls, all the remaining balls are green. How many balls does he have?"

- 1) 8                                      2) 10                                      3) 12                                      4) 14

Q.38 Which number will come in place of ?

2, 6, 12, 20, 30, ?, 56

- 1) 36                                      2) 42                                      3) 40                                      4) 44

Instructions for Q. 39 to 41 - Read the passage and answer the questions.

#### The Mother of Orphans – Sindhutai Sapkal

Sindhutai Sapkal was born on 14th November 1948 in a poor family in Wardha, Maharashtra. Her father believed in education, but her mother disagreed. Still, her father sent her to school secretly. She was married at the age of ten to a man 20 years older than her. Life after marriage was not easy for her.

When she was 20 and pregnant, her husband abandoned her. She gave birth in a cowshed, alone and helpless. Despite these hardships, Sindhutai did not give up. She begged on railway platforms to survive. She came across many orphaned children on the streets. Her heart ached for them.

She decided to care for them as her own. She became a mother to over 1,500 orphan children. She begged for food and money—not for herself, but for her children. With time, her efforts gained recognition. She built orphanages and gave children love, care, and education.

Sindhutai's life is an inspiring story of strength, sacrifice, and compassion. She received more than 750 awards for her social work. She used all the prize money to build homes for children. People call her 'Mai', which means mother. She proved that one woman can make a big difference in the world.

Q.39 Pick the sentence with the correct preposition:

- 1) She begged at food                                      2) She cared the children.  
3) She survived in begging.                                      4) She begged on railway platforms.

Q.40 Why did Sindhutai's father send her to school secretly?

- 1) He wanted to disobey her mother                                      2) He didn't trust the teachers  
3) He believed in the power of education                                      4) He wanted to punish her

Q.41 What would you learn from Sindhutai's life story?

- 1) We should not trust people easily                                      2) We must fight for ourselves only  
3) Difficulties can be turned into opportunities                                      4) Only rich people can help others

Q.42 Identify the sentence with correct subject verb agreement.

- 1) Each of the students has a notebook                                      2) Each of the students have a notebook.  
3) Each of the students have notebooks.                                      4) Each of the students do notebooks.

- Q.43 What is the volume of a cube with a side of 6 cm?  
1) 18 cubic centimeters                      2) 81 cubic centimeters  
3) 36 cubic centimeters                      4) 216 cubic centimeters
- Q.44 A cylinder has a volume of 2310 cubic centimeters and a radius of 7 cm. What is its height?  
1) 15 cm                      2) 7.5 cm                      3) 30 cm                      4) 12 cm
- Q.45 Select the incorrect statement.  
1) The rate of evaporation increases if the air is dry and hot.  
2) The process of evaporation slows down if the air is humid.  
3) As the air cools down, its ability to absorb water vapor increases.  
4) If the wind blows slowly, evaporation decreases.
- Q.46 Which of the following elements are found inside the Earth?  
1) Silicon + magnesium                      2) Silicon + aluminum  
3) Silicon + nickel                      4) Iron + nickel
- Q.47 In a TV program, when women see a girl leaving for her in-laws' house, many of them start crying. At that moment, which emotions are being experienced?  
1) Sensitivity                      2) Sadness                      3) Memory / Reminiscence                      4) All of the above
- Q.48 If an accident occurs in front of you and people are injured, what should you do?  
A) Call an ambulance                      B) Help the injured  
C) Record the incident on phone                      D) Panic  
1) Option A and C                      2) Option B and D                      3) Option A and B                      4) Option A, B,C,D
- Q.49 In a row of children, 'A' is 10th from the left and 'B' is 9th from the right. When they exchange their places, 'A' becomes 15th from the left. How many children are there in the row?  
1) 19                      2) 24                      3) 25                      4) 23
- Q.50 In a particular code language, 'India is my country' is written as '8573', 'Sam is my friend' is written as '8634', 'My country' is written as '73', and 'Team India' is written as '59'. What is the code for 'Country'?  
1) 5                      2) 7                      3) 8                      4) 3

## Section D

Instructions for Q. 51 to Q. 53 - Read the following poem and answer the questions.

### My India

India, my land of vibrant hues,  
Where morning shines with golden dews.  
From Himalayas high to oceans wide,  
Unity in diversity, our nation's pride.

Fields of green and deserts vast,  
Rich culture, a history that will last.  
Ganges flows with sacred grace,  
Every corner, a smiling face.

From bustling streets to temples grand,  
Harmony blooms in this blessed land.  
My India, a tale of glory and peace,  
May your greatness forever increase.

- Q.51 Which natural features of India are mentioned in the poem?  
1) Rivers and lakes                      2) Hills and valleys  
3) Himalayas and oceans              4) Deserts and forests
- Q.52 How does the poem depict the culture of India?  
1) Through festivals only                      2) By focusing on one state  
3) Through diverse landscapes and smiles              4) By highlighting historical wars
- Q.53 What does the line 'India, my land of vibrant hues' primarily suggest?  
1) India is a colorful country.              2) India is a rich country.  
3) India is a quiet place.                      4) India is a mountainous region.
- Q.54 Identify the sentence that is grammatically incorrect.  
1) The quality of apples are good.                      2) The number of students are increasing.  
3) The committee has made its decision.              4) A number of students is absent today.
- Q.55 A shopkeeper sold a mobile for ₹10,200 after giving a 15% discount on the marked price.  
What was the marked price of the mobile?  
1) ₹12000                      2) ₹8670                      3) ₹11000                      4) ₹13500
- Q.56 What is the sum of the cube of 5 and the square root of 625?  
1) 200                      2) 100                      3) 150                      4) 250
- Q.57 For a school project, small wooden cubes are to be made. The volume of each cube is 125 cubic centimeters. What will be the length of one side of a cube?  
1) 4cm                      2) 5cm                      3) 6cm                      4) 7cm

- Q.58 If  $\sqrt{1 + \frac{49}{169}} = 1 + \frac{x}{13}$  then what is the value of  $x$  ?  
 1) 7                                      2) 1                                      3) 5                                      4) 3
- Q.59 If I want to see the deepest part of the ocean floor, which part of the ocean floor should I go to?  
 1) Oceanic trench                      2) Oceanic plain  
 3) Oceanic ridge                        4) Continental slope
- Q. 60. The upper house of the Indian Parliament is .....
- 1) Rajya Sabha                        2) Lok Sabha  
 3) Parliament                         4) President
- Q. 61 When ISRO established ?  
 1) 15th August 1947    2) 15th October 1969    3) 26th January 1950    4) 15th August 1969
- Q.62 Related to boys sitting in a line  
 Instructions: Five boys are sitting in a line. Rahul is sitting to the left of Sachin and to the right of Saurabh. Virendra is sitting to the left of Saurabh but to the right of Parthiv. Who is sitting at the extreme end?  
 1) Parthiv and Sachin                      2) Rahul and Saurabh  
 3) Sachin and Virendra                    4) Parthiv and Virendra
- Q.63 How many children are there between Sachin and Parthiv?  
 1) 3                                      2) 2                                      3) 4                                      4) 1
- Q.64 Compound Words  
 Choose the compound word:  
 1) Notebook                      2) Note                                      3) Book                                      4) Noting
- Q.65 Articles  
 I saw .....\_ elephant in the zoo.  
 1) a                                      2) an                                      3) the                                      4) none
- Q.66 Word Formation  
 Choose the correct noun form of 'decide':  
 1) decision                      2) decided                                      3) deciding                                      4) decisive
- Q.67 The radius of a circle is 10 cm. If a tangent to the circle is to be drawn from a point, what will be the distance from that point to the center of the circle?  
 1) 10 cm                                      2) 20 cm                                      3) 5 cm                                      4) 15 cm
- Q.68 If the length of a rectangle is  $(m - 9)$  and width is  $(m + 15)$ , what is the area of that rectangle?  
 1)  $m^2 - 24m - 135$     2)  $m^2 + 6m - 135$     3)  $m^2 - 6m + 135$     4)  $m^2 - 6m + 135$
- Q.69 The cost of a car is Rs.3,20,000. If its value depreciates at the rate of 5% per annum, what will be the value of the car after 2 years?  
 1) 288800 Rs                      2) 2888000 Rs                      3) 310000 Rs                      4) 328000 Rs

- Q.70 How many strips of wood 15 cm long, 8 cm wide and 5 cm thick will be made from a piece of wood 6 m long, 4 m wide and 3 m thick?  
1) 120000                      2) 12000                      3) 180000                      4) 100000
- Q.71 Fog is smoke .....
- 1) Fog                      2) Water                      3) Air                      4) Wind
- Q.72 What is the name of India's first artificial satellite?  
1) Rohini                      2) Aryabhata                      3) Swayam                      4) Bhaskara
- Q.73 Which technology-related satellite is currently not functioning?  
1) Parikshit                      2) Kalpana                      3) Jugnu                      4) Swayam
- Q.74 Two kg of tea was brought at a rate of ₹308 and ₹373 per kg respectively. After mixing them, the mixture was sold at ₹374 per kg then what was the ratio of mixing the two teas?  
1) 3:2                      2) 2:1                      3) 3:1                      4) 2:3
- Q.75 Complete the number series.  
7, 25, 61, 121, ?  
1) 210                      2) 211                      3) 2019                      4) 217

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SPACE FOR ROUGH WORK

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