

## SAMPLE SET - 4

### English

**Directions (Q. 1-2) :** In the following questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four as your answer.

1. He always \_\_\_\_\_ to prove that the earth revolves round the sun.
 

a) tried	b) tries
c) was trying	d) is trying
2. He saw me by chance and \_\_\_\_\_ the car.
 

a) stop	b) stopped
c) stops	d) was stopping

**Directions (Q. 3-4) :** In each of the following questions, find the correctly spelt word.

- |                      |                      |
|----------------------|----------------------|
| 3. 1. Reannaisance   | 2. Renaissance       |
| 3. Rennaisance       | 4. Renaisance        |
| a) 1            b) 2 | c) 3            d) 4 |
| 4. 1. Recommandation | 2. Recommendation    |
| 3. Recomandation     | 4. Recomendation     |
| a) 1            b) 2 | c) 3            d) 4 |

**Directions (Q. 5-6) :** In each of the following questions, find the the synonym of the word.

5. **Voracious**

a) Tenacious	b) Truthful
c) Spacious	d) Ravenous
6. **Abortive**

a) Fruitful	b) Familiar
c) Unsuccessful	d) Consuming

**Direction (Q. 7) :** Select the most appropriate meaning of the given idiom.

7. Bend over backwards
 

a) To express sudden shock	b) To exert a lot of effort towards some end
c) To end all activities	d) To confess to a crime

**Direction (Q. 8) :** Select the most appropriate meaning of the given idiom.

8. Back up
 

a) Stand up to fight	b) Think about the past
c) Defend or support	d) Withdraw

**Direction (Q. 9) :** In this question, a sentence has been given in Active/Passive Voice. Out of the four suggested

alternatives, select the one which best expresses the same sentence Passive/Active Voice.

9. They will demolish the entire block.
 

a) The entire block is being demolished.	b) The block may be demolished entirely.
c) The entire block will have to be demolished by the	d) The entire block will be demolished.

**Direction (Q. 10) :** In the following question, a sentence has been given in Direct/Indirect speech. Out of the four alternatives suggested, select the one which best expresses the same sentence in Indirect/Direct.

10. Ram said to me, "I am going to Jaipur."
 

a) Ram told me that he was going to Jaipur.	b) Ram told me that I was going to Jaipur.
c) Ram told me that he is going to Jaipur.	d) Ram told me that he were going to Jaipur.

### Mathematics

11. A train 240 meters in length crosses a telegraph post in 16 seconds. The speed of the train is –
 

a) 50 Km/hr	b) 52 Km/hr
c) 54 Km/hr	d) 56 Km/hr
12. The percentage change of a number when it is first decreased by 10% and then increased by 10% is –
 

a) 0.1 % increase	b) 1 % decrease
c) 0.1 % decrease	d) No changes
13. The profit (in Rs.) after selling an article for Rs. 524 is the same as the loss (in Rs.) after selling it for Rs. 452. The cost price of the article is –
 

a) Rs. 480	b) Rs. 485	c) Rs. 488	d) Rs. 500
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14. If  $\left(a + \frac{1}{a}\right)^2 = 3$ , then the value of  $a^2 + \frac{1}{a^2}$  will be –
 

a) 0	b) 1	c) 2	d) 3
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15. If one angle of a triangle is equal to half the sum of the other two equal angles, then the triangle is –
 

a) isosceles	b) scalene
c) equilateral	d) right angled
16. The sum of two angles of a triangle is  $116^\circ$  and their difference is  $24^\circ$ . The measure of smallest angle of the triangle is –
 

a) $38^\circ$	b) $28^\circ$	c) $46^\circ$	d) $64^\circ$
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17. If 100 cats kill 100 mice in 100 days, then 4 cats would kill 4 mice in how many days?
 

a) 4 days	b) 3 days	c) 40 days	d) 100 days
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18. An office opens at 10 AM and closes at 5 PM. The lunch interval is 30 minutes. The ratio of lunch interval to the total period of office hours is –  
a) 1 : 7    b) 1 : 14    c) 7 : 1    d) 14 : 1
19. If the ratio between the profit and sale price of an article is 1 : 5, then the ratio between the sale price and the cost price of that article is –  
a) 3 : 2    b) 4 : 3    c) 5 : 4    d) 6 : 5
20. What per cent of 1 day is 36 minutes?  
a) 25%    b) 2.5%    c) 3.6%    d) 0.25%
21. At what per cent of simple interest will a sum of money double itself in 15 years?  
a)  $6\frac{1}{3}\%$     b)  $6\frac{2}{3}\%$     c)  $6\frac{1}{2}\%$     d) 6%
22. A car covers a certain distance in 25 hrs. If it reduces the speed by  $\frac{1}{5}$ th, the car covers 200 km less in that time. The speed of car is –  
a) 60 km/hr    b) 30 km/hr  
c) 40 km/hr    d) 50 km/hr
23. On 24th May 2008 the maximum temperature of Delhi, Kolkata and Mumbai were recorded as 35°C, 33°C and 34°C respectively. What was the maximum temperature of Chennai so that the average maximum temperature of those cities would be 35°?  
a) 34°C    b) 35°C    c) 36°C    d) 38°C
24. If  $\frac{\sin \theta + \cos \theta}{\sin \theta - \cos \theta} = 3$ , then the value of  $\sin^4 \theta - \cos^4 \theta$  is –  
a)  $\frac{4}{3}$     b)  $\frac{3}{4}$     c)  $\frac{5}{3}$     d)  $\frac{3}{5}$
25. The value of  $\sqrt{9+2\sqrt{16}} + \sqrt[3]{512}$  is –  
a) 6    b) 5    c)  $2\sqrt{8}$     d)  $3\sqrt{6}$
- General Intelligence**
26. If KAMINI is coded as MAKINI and ANALOG is coded as ANAGOL, ENCODE would be coded as –  
a) CNEEDO    b) ENCEDO  
c) CNEODE    c) CNOEDE
27. Select the correct alternative.  
Brahmaputra : Guwahati :: Sabarnati : ?  
a) Indore    b) Vadodara  
c) Rajkot    d) Ahmedabad
28. Complete the series.  
24, 60, ?, 210, 336  
a) 200    b) 120    c) 180    d) 90
29. Find out the odd one.  
a) Dimapur    b) Dispur  
c) Diphu    d) Dibrugarh
30. A man walks 20 km towards North. From there he takes a right turn and walks 30 km. In which direction is he moving now?  
a) South    b) West    c) East    d) North
- GK and CA**
31. Which famous instrumental musician was the music director of the film Pather Panchali ?  
a) Pandit Ravi Shankar    b) Alla Rakha  
c) Ali Akbar Khan    d) Amjad Ali Khan
32. Myrmecology is the branch of science that deals with –  
a) Ant    b) Rat    c) Snake    d) Bird
33. Deshikottam Award is presented by which famous University of India ?  
a) Jawaharlal Nehru University  
b) Benaras Hindu University  
c) Visva-Bharati University  
d) University of Calcutta
34. Who wrote the famous novel 'The Room on the Roof'?  
a) Ruskin Bond    b) R. K. Narayan  
c) Vikram Seth    d) Gunter Grass
35. In which year the National Green Tribunal was established ?  
a) 2008    b) 2009    c) 2010    d) 2012
36. Who is the author of the book 'The Accidental Prime Minister : The Making and Unmaking of Manmohan Singh'?  
a) R. C. Guha    b) Sanjaya Baru  
c) Faraz Ahmed    d) Sameer Kochar
37. Where is Indira Gandhi National Forest Academy is located ?  
a) New Delhi    b) Dehradun  
c) Meerut    d) Bhagalpur
38. The term 'Penhold Grip' is associated with which game?  
a) Table Tennis    b) Lawn Tennis  
c) Badminton    d) Polo
39. Bikna Village of Bankura district is famous for –  
a) Tant Saree    b) Baluchori Saree  
c) Dokra Crafts    d) Applique Handicrafts
40. Canning the famous town of West Bengal is situated beside which river ?  
a) Bhagirathi    b) Churni  
c) Jalangid    d) Matla
41. What is the name of the operation conducted by Government of India to facilitate the return of those who wish to come back home as a series of brazen attacks on Israeli towns by Hamas militants in October 2023?  
a) Operation Vijay    b) Operation Ajay  
c) Operation Rahat    d) Operation Mukti

42. Who is selected for Nobel Prize in Literature for 2023?  
a) Jon Fosse                      b) Claudia Goldin  
c) Pierre Agostini              d) John Nash
43. What is the rank of India in the 'Global Innovation Index 2023'?  
a) 37              b) 40              c) 52              d) 96
44. Which among the followings from West Bengal has been declared as UNESCO World Heritage Site recently?  
a) Santiniketan                      b) Tiger Hill  
c) Moghalmari                      d) Belur Moth
45. Who has been awarded with Dadasaheb Phalke Award 2021 for lifetime contribution to Indian Cinema?  
a) Amitabh Bachchan              b) Rajinikanth  
c) Waheeda Rahman              d) Hema Malini
46. 43rd ASEAN Summit 2023 took place in which place?  
a) Indonesia                      b) India  
c) Maldives                      d) Bhutan
47. The old Parliament Building of India will be known as \_\_\_\_\_.  
a) Samvidhan Sadan              b) Parliament Building  
c) House of India                      d) Parliament Sadan
48. Name the winner of 2023 US Open in Women's Singles category.  
a) Coco Gauff                      b) Emma Raducanu  
c) Simona Halep                      d) Aryana Rybakina
49. Name the Project Director of India's Solar Mission, Aditya-L1 is –  
a) P. Veeramuthuvel              b) S. Mohana Kumar  
c) Nigar Shaji                      d) K. Sivan
50. Dr. M. S. Swaminathan who passed away recently was associated with –  
a) agriculture                      b) music  
c) politics                      d) sports



# RICE TALENT SCHOLARSHIP TEST 2023



## **SAMPLE SET - 4**

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### **ANSWERS**

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- |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1. b  | 2. b  | 3. b  | 4. b  | 5. d  | 6. c  | 7. b  | 8. c  | 9. d  | 10. a |
| 11. c | 12. b | 13. c | 14. b | 15. c | 16. c | 17. d | 18. b | 19. c | 20. b |
| 21. b | 22. c | 23. d | 24. d | 25. b | 26. a | 27. d | 28. b | 29. a | 30. c |
| 31. a | 32. a | 33. c | 34. a | 35. c | 36. b | 37. b | 38. a | 39. c | 40. d |
| 41. b | 42. a | 43. b | 44. a | 45. b | 46. a | 47. a | 48. a | 49. c | 50. a |